

**Table 1.** Comparison of the result and researchers' ranking between H-index and GFsa index (sorted by GFsa ranking). Green = position arrived; Red = position decreased; Yellow = kept the same position.

| Researchers                   | H-index | H-index ranking | GFsa index | GFsa index ranking | What's happened (ranking)? |
|-------------------------------|---------|-----------------|------------|--------------------|----------------------------|
| Georgios Kotsakis             | 38      | 583             | 154.828402 | 1                  | 582                        |
| Qian Wang                     | 123     | 4               | 109.997622 | 2                  | 2                          |
| Marta Revilla León            | 38      | 583             | 102.387755 | 3                  | 580                        |
| Alberto Monje                 | 57      | 178             | 78.5763889 | 4                  | 174                        |
| Ratilal Lalloo                | 57      | 178             | 72.8310658 | 5                  | 173                        |
| Yu-Kang Tu                    | 65      | 118             | 65.2928    | 6                  | 112                        |
| Maha El Tantawi               | 43      | 432             | 63.3767313 | 7                  | 425                        |
| Van Meerbeek Bart             | 134     | 1               | 60.5198962 | 8                  | -7                         |
| Andy Wai Kan Yeung            | 37      | 618             | 60.0082645 | 9                  | 609                        |
| Richard J Miron               | 59      | 161             | 57.0488889 | 10                 | 151                        |
| Songtao Shi                   | 112     | 10              | 56.0138776 | 11                 | -1                         |
| Takeshi Noda                  | 65      | 118             | 55.3671875 | 12                 | 106                        |
| Giuseppe Troiano              | 41      | 488             | 54.7933884 | 13                 | 475                        |
| José F. Siqueira Jr.          | 117     | 7               | 54.0249703 | 14                 | -7                         |
| Bogna Stawarczyk              | 67      | 101             | 52.7301038 | 15                 | 86                         |
| Jürgen Groll                  | 69      | 89              | 51.5575    | 16                 | 73                         |
| Mutlu Özcan                   | 96      | 23              | 49.0919067 | 17                 | 6                          |
| Yu Leo Lei                    | 37      | 618             | 47.5804989 | 18                 | 600                        |
| Mohammad Atai                 | 39      | 555             | 47.4545455 | 19                 | 536                        |
| Solmaz Maleki Dizaj           | 45      | 389             | 46.8106509 | 20                 | 369                        |
| Nawshad Muhammad              | 53      | 236             | 46.2653061 | 21                 | 215                        |
| Biao Ren                      | 43      | 432             | 43.8977778 | 22                 | 410                        |
| Frank Witte                   | 43      | 432             | 43.705104  | 23                 | 409                        |
| Yin Xiao                      | 86      | 40              | 42.5701531 | 24                 | 16                         |
| Andrew I Su                   | 68      | 97              | 42.3264    | 25                 | 72                         |
| Isabela N Rôças               | 91      | 33              | 42.112     | 26                 | 7                          |
| Irena Sailer                  | 61      | 142             | 41.7777778 | 27                 | 115                        |
| Muhammad Sohail Zafar         | 56      | 196             | 41.7093426 | 28                 | 168                        |
| Gabriel Kalil Rocha Pereira   | 36      | 669             | 40.93      | 29                 | 640                        |
| Gaetano Isola                 | 54      | 227             | 40.5039063 | 30                 | 197                        |
| Wenjie Zhang 张文杰              | 44      | 409             | 40.2307692 | 31                 | 378                        |
| Spyridon N Papageorgiou       | 49      | 314             | 40.0828402 | 32                 | 282                        |
| Shariq Najeeb                 | 32      | 868             | 39.9305556 | 33                 | 835                        |
| Donald Nixdorf                | 33      | 809             | 39.6280992 | 34                 | 775                        |
| Pekka Vallittu                | 106     | 16              | 39.1337891 | 35                 | -19                        |
| Anton Sculean                 | 102     | 19              | 39.0489074 | 36                 | -17                        |
| Hom Lay Wang                  | 132     | 2               | 37.9315883 | 37                 | -35                        |
| David Herrera                 | 74      | 70              | 37.7115385 | 38                 | 32                         |
| Buser Daniel                  | 127     | 3               | 36.9540816 | 39                 | -36                        |
| ML Mei                        | 41      | 488             | 36.2959184 | 40                 | 448                        |
| Guo-Hao (Alex) Lin            | 36      | 669             | 35.8016529 | 41                 | 628                        |
| Hee Moon Kyung                | 39      | 555             | 34.1377778 | 42                 | 513                        |
| Fernando Suárez López Del Amo | 43      | 432             | 33.5277778 | 43                 | 389                        |
| Zohaib Khurshid               | 53      | 236             | 32.1440443 | 44                 | 192                        |
| Ronald Jung                   | 81      | 53              | 32.0612245 | 45                 | 8                          |
| Lussi Adrian                  | 109     | 12              | 31.5533241 | 46                 | -34                        |
| Thomas Dietrich               | 69      | 89              | 31.2549428 | 47                 | 42                         |
| Felipe Gonçalves Belladonna   | 40      | 519             | 31.2083333 | 48                 | 471                        |
| Lobat Tayebi                  | 66      | 110             | 31.0272109 | 49                 | 61                         |
| William Giannobile            | 104     | 18              | 30.9247405 | 50                 | -32                        |
| Hsun Liang Chan               | 46      | 366             | 29.7688889 | 51                 | 315                        |
| Rafael R Moraes               | 54      | 227             | 29.3573407 | 52                 | 175                        |

|                                 |     |     |            |     |     |
|---------------------------------|-----|-----|------------|-----|-----|
| Cecilia Goracci                 | 72  | 80  | 29.3008    | 53  | 27  |
| Anibal Diogenes                 | 49  | 314 | 28.8060942 | 54  | 260 |
| Prasanna Neelakantan            | 44  | 409 | 28.5674741 | 55  | 354 |
| Lippo Lassila                   | 83  | 46  | 28.192602  | 56  | -10 |
| Stefan Priebe                   | 111 | 11  | 27.931875  | 57  | -46 |
| Joo Cheol Park                  | 39  | 555 | 27.0887574 | 58  | 497 |
| Panos N Papapanou               | 85  | 42  | 26.6820988 | 59  | -17 |
| Elena Figuero Ruiz              | 48  | 332 | 26.6326531 | 60  | 272 |
| Mona Nasser                     | 41  | 488 | 26.631579  | 61  | 427 |
| Marco Ciccio                    | 61  | 142 | 26.3900227 | 62  | 80  |
| Patrick Schmidlin               | 66  | 110 | 26.3667297 | 63  | 47  |
| Martin Schimmel Mas             | 46  | 366 | 26.2802768 | 64  | 302 |
| Daniela Prócida Raggio          | 46  | 366 | 26.1018519 | 65  | 301 |
| Ammar Hassanzadeh Keshteli      | 46  | 366 | 26.058642  | 66  | 300 |
| Caio Ferraz                     | 67  | 101 | 26.0177515 | 67  | 34  |
| Marco Versiani                  | 58  | 165 | 25.9525    | 68  | 97  |
| Gargi Sarode                    | 32  | 868 | 25.8816568 | 69  | 799 |
| Cristiano Tomasi                | 43  | 432 | 25.7324263 | 70  | 362 |
| Elena M Varoni                  | 37  | 618 | 25.6297578 | 71  | 547 |
| Chen Yeng                       | 37  | 618 | 25.4765625 | 72  | 546 |
| Bruno Chrcanovic                | 62  | 134 | 25.4489796 | 73  | 61  |
| Antonio Scarano                 | 72  | 80  | 25.3288889 | 74  | 6   |
| Panos Papaspyridakos            | 38  | 583 | 25.3125    | 75  | 508 |
| Hercilio Martelli Júnior        | 44  | 409 | 25.0484429 | 76  | 333 |
| Nagihan Bostanci                | 48  | 332 | 24.8919753 | 77  | 255 |
| Helen Victoria Worthington      | 114 | 9   | 24.7348771 | 78  | -69 |
| Gustavo De-Deus                 | 71  | 84  | 24.576     | 79  | 5   |
| Valentim Barao                  | 51  | 276 | 24.2993827 | 80  | 196 |
| Praveen Arany                   | 38  | 583 | 24.2382272 | 81  | 502 |
| Junji Tagami                    | 100 | 22  | 24.2016657 | 82  | -60 |
| Magda Feres                     | 68  | 97  | 24.0534979 | 83  | 14  |
| Rafael Sarkis-Onofre            | 30  | 973 | 23.9349112 | 84  | 889 |
| Robert H Dworkin                | 105 | 17  | 23.9064    | 85  | -68 |
| Iain L Chapple                  | 74  | 70  | 23.8653061 | 86  | -16 |
| Sachin Chakradhar Sarode        | 35  | 707 | 23.4755556 | 87  | 620 |
| Steven Offenbacher              | 119 | 5   | 23.4431487 | 88  | -83 |
| Mahmoud Torabinejad             | 95  | 25  | 23.3331758 | 89  | -64 |
| Kimón Divaris                   | 50  | 293 | 23.2797784 | 90  | 203 |
| Cláudio Mendes Pannuti          | 44  | 409 | 23.2768166 | 91  | 318 |
| Jan Cosyn                       | 52  | 253 | 23.1972789 | 92  | 161 |
| Yiu Yan Mike Leung              | 31  | 917 | 23.0902778 | 93  | 824 |
| Flaviana Bombarda De Andrade    | 34  | 755 | 22.5138889 | 94  | 661 |
| Ignacio Sanz Martin             | 31  | 917 | 22.2083333 | 95  | 822 |
| Nasim Chiniforush               | 39  | 555 | 22         | 96  | 459 |
| Hakan Arslan                    | 52  | 253 | 21.9833795 | 97  | 156 |
| Hakan Arslan                    | 52  | 253 | 21.9833795 | 98  | 155 |
| Eduardo Fernández Godoy         | 38  | 583 | 21.8979592 | 98  | 485 |
| Lars Sennerby                   | 109 | 12  | 21.74625   | 100 | -88 |
| Paulo Henrique Braz Silva       | 30  | 973 | 21.6977778 | 101 | 872 |
| Alireza Moshaverinia            | 40  | 519 | 21.5195313 | 102 | 417 |
| Ove A Peters                    | 70  | 85  | 21.4609782 | 103 | -18 |
| Ricardo Gariba Silva            | 39  | 555 | 21.4567474 | 104 | 451 |
| Il Keun Kwon                    | 64  | 126 | 21.4008876 | 105 | 21  |
| Taha Özyürek                    | 31  | 917 | 21.25      | 106 | 811 |
| Marcelo Giannini                | 73  | 75  | 21.2066327 | 107 | -32 |
| Richard Geddie Watt             | 73  | 75  | 21.144169  | 108 | -33 |
| Maria Cassia Ferreira De Aguiar | 37  | 618 | 20.8577778 | 109 | 509 |
| Tuula Salo                      | 102 | 19  | 20.8378685 | 110 | -91 |

|                                  |    |     |            |     |      |
|----------------------------------|----|-----|------------|-----|------|
| Atsuo Amano                      | 69 | 89  | 20.6530471 | 111 | -22  |
| Gustavo Avila Ortiz              | 45 | 389 | 20.5827664 | 112 | 277  |
| Indraneel Bhattacharyya          | 38 | 583 | 20.5429688 | 113 | 470  |
| Russell S Taichman               | 72 | 80  | 20.5406574 | 114 | -34  |
| Geert Jmg Van Der Heijden        | 75 | 66  | 20.4816327 | 115 | -49  |
| Giampietro Farronato             | 37 | 618 | 20.2890625 | 116 | 502  |
| G Lavigne                        | 96 | 23  | 20.2647234 | 117 | -94  |
| Jukka P Matinlinna               | 55 | 211 | 19.9571006 | 118 | 93   |
| Masoud Parirokh                  | 41 | 488 | 19.8854167 | 119 | 369  |
| Kenneth M Hargreaves             | 92 | 30  | 19.5358025 | 120 | -90  |
| Sinhoreti MA                     | 74 | 70  | 19.2841797 | 121 | -51  |
| Georgios N Belibasakis           | 57 | 178 | 19.2204861 | 122 | 56   |
| Sadeq Ali Al-Maweri              | 37 | 618 | 19.1835938 | 123 | 495  |
| Maria Jose Hitomi Nagata         | 35 | 707 | 19.1530612 | 124 | 583  |
| Kee-Joon Lee                     | 35 | 707 | 19.0311419 | 125 | 582  |
| Nurcan Buduneli                  | 49 | 314 | 18.8975694 | 126 | 188  |
| Morenike Oluwatoyin Folayan      | 53 | 236 | 18.7121914 | 127 | 109  |
| Juliane Maria Guerreiro Tanomaru | 56 | 196 | 18.6408318 | 128 | 68   |
| Georgios E Romanos               | 84 | 44  | 18.6204082 | 129 | -85  |
| Gang Wu                          | 38 | 583 | 18.5429688 | 130 | 453  |
| Gustavo G Nascimento             | 43 | 432 | 18.5185185 | 131 | 301  |
| Xiaohua Liu                      | 41 | 488 | 18.4820416 | 132 | 356  |
| Karan Gulati                     | 35 | 707 | 18.3571429 | 133 | 574  |
| Christopher D Lynch              | 60 | 151 | 18.21875   | 134 | 17   |
| Yap Au                           | 75 | 66  | 18.1914672 | 135 | -69  |
| Marco Antonio Bottino            | 49 | 314 | 18.1570248 | 136 | 178  |
| Sašo Ivanovski                   | 67 | 101 | 18.156956  | 137 | -36  |
| Cléa Adas Saliba Garbin          | 48 | 332 | 18.0920139 | 138 | 194  |
| Momen A Atieh                    | 34 | 755 | 18         | 139 | 616  |
| Colman McGrath                   | 76 | 61  | 17.8411387 | 140 | -79  |
| Ricardo Santiago Gomez           | 60 | 151 | 17.7530864 | 141 | 10   |
| Tim Joda                         | 39 | 555 | 17.7423823 | 142 | 413  |
| Ignace Naert                     | 93 | 29  | 17.7205786 | 143 | -114 |
| Paul H Krebsbach                 | 83 | 46  | 17.6289262 | 144 | -98  |
| Yu Zhang                         | 61 | 142 | 17.5395408 | 145 | -3   |
| Francisco Humberto Nociti Jr     | 68 | 97  | 17.526749  | 146 | -49  |
| Luca Fiorillo                    | 46 | 366 | 17.432526  | 147 | 219  |
| Irlan Almeida Freires            | 31 | 917 | 17.4222222 | 148 | 769  |
| Nicola Cirillo                   | 38 | 583 | 17.3598616 | 149 | 434  |
| Veerasathpurush Allareddy        | 45 | 389 | 17.355     | 150 | 239  |
| Phoebus Madianos                 | 52 | 253 | 17.3377778 | 151 | 102  |
| Hamid Jafarzadeh                 | 36 | 669 | 17.2191358 | 152 | 517  |
| Luca Testarelli                  | 46 | 366 | 17.147448  | 153 | 213  |
| Walter L Siqueira                | 50 | 293 | 17.0330579 | 154 | 139  |
| Essam A Al-Moraissi              | 33 | 809 | 16.9940828 | 155 | 654  |
| Thiago De Santana Santos         | 52 | 253 | 16.8696845 | 156 | 97   |
| Lorenzo Lo Muzio                 | 76 | 61  | 16.8559557 | 157 | -96  |
| Jonathan Broadbent               | 46 | 366 | 16.8185255 | 158 | 208  |
| Bartold P Mark                   | 92 | 30  | 16.8083951 | 159 | -129 |
| Mauricio Guimaraes Araujo        | 50 | 293 | 16.6773356 | 160 | 133  |
| Arash Khojasteh                  | 44 | 409 | 16.6675    | 161 | 248  |
| Ricardo D Coletta                | 67 | 101 | 16.5229592 | 162 | -61  |
| Omar Kujan                       | 33 | 809 | 16.5069252 | 163 | 646  |
| Theodore Eliades                 | 74 | 70  | 16.4573003 | 164 | -94  |
| Massimo Del Fabbro               | 82 | 50  | 16.3094136 | 165 | -115 |
| Alexandre Augusto Zaia           | 66 | 110 | 16.3090531 | 166 | -56  |
| Kevin Moss                       | 49 | 314 | 16.2881944 | 167 | 147  |
| Shaymaa Elsaka                   | 32 | 868 | 16.2044444 | 168 | 700  |

|                                |     |     |            |     |      |
|--------------------------------|-----|-----|------------|-----|------|
| Alessandra Reis                | 94  | 28  | 16.1592971 | 169 | -141 |
| Maria Leticia Ramos-Jorge      | 59  | 161 | 16.1472    | 170 | -9   |
| Marlise Inéz Klein             | 39  | 555 | 16.1315193 | 171 | 384  |
| Takayuki Tsukuba               | 34  | 755 | 16.0566406 | 172 | 583  |
| Roland Frankenberger           | 75  | 66  | 16.0361328 | 173 | -107 |
| Ricardo Teles                  | 53  | 236 | 15.9961735 | 174 | 62   |
| Yiu Cynthia Ky                 | 68  | 97  | 15.9935721 | 175 | -78  |
| Atsushi Mine                   | 41  | 488 | 15.9872    | 176 | 312  |
| Jessica Y Lee                  | 53  | 236 | 15.8472222 | 177 | 59   |
| Martina Stefanini              | 32  | 868 | 15.8222222 | 178 | 690  |
| Sufyan Garoushi                | 41  | 488 | 15.7962963 | 179 | 309  |
| Tiziano Testori                | 107 | 14  | 15.7664609 | 180 | -166 |
| Saman Warnakulasuriya          | 95  | 25  | 15.7197001 | 181 | -156 |
| Ali Farahani                   | 38  | 583 | 15.671875  | 182 | 401  |
| Habib Benzian                  | 34  | 755 | 15.6135734 | 183 | 572  |
| Aj Feilzer                     | 80  | 56  | 15.55      | 184 | -128 |
| Stephen Porter                 | 87  | 39  | 15.5487528 | 185 | -146 |
| Ali Nosrat                     | 30  | 973 | 15.52      | 186 | 787  |
| Jorge Perdigao                 | 81  | 53  | 15.4411357 | 187 | -134 |
| Akimasa Tsujimoto              | 38  | 583 | 15.4186851 | 188 | 395  |
| Asgeir Sigurdsson              | 55  | 211 | 15.4023438 | 189 | 22   |
| Ricardo M Carvalho             | 91  | 33  | 15.3524306 | 190 | -157 |
| Joseph Y Kan                   | 48  | 332 | 15.2488889 | 191 | 141  |
| Jamil Awad Shibli              | 61  | 142 | 15.2194787 | 192 | -50  |
| N Silikas                      | 62  | 134 | 15.1640904 | 193 | -59  |
| Marcio Casati                  | 61  | 142 | 15.0994898 | 194 | -52  |
| Woosung Sohn                   | 42  | 462 | 15.0464    | 195 | 267  |
| Stefano Fedele                 | 56  | 196 | 15.0112    | 196 | 0    |
| Jacques Nor                    | 76  | 61  | 14.9714506 | 197 | -136 |
| Yan Wang                       | 34  | 755 | 14.9443359 | 198 | 557  |
| Thiago Saads Carvalho          | 36  | 669 | 14.8947368 | 199 | 470  |
| Jae-Sung Kwon                  | 31  | 917 | 14.8284024 | 200 | 717  |
| Amid Ismail                    | 76  | 61  | 14.7662106 | 201 | -140 |
| Lakshman Samaranayake          | 101 | 21  | 14.7539063 | 202 | -181 |
| Ye Ling                        | 38  | 583 | 14.7475    | 203 | 380  |
| Wasiu Lanre Adeyemo            | 48  | 332 | 14.6942149 | 204 | 128  |
| Scribante Andrea               | 49  | 314 | 14.6394558 | 205 | 109  |
| Alvaro Della Bona              | 67  | 101 | 14.6115917 | 206 | -105 |
| Jepsen Søren                   | 89  | 37  | 14.272803  | 207 | -170 |
| Edward Ellis                   | 91  | 33  | 14.2120181 | 208 | -175 |
| Jenneke Klein-Nulend           | 83  | 46  | 14.2025    | 209 | -163 |
| Shemesh H                      | 40  | 519 | 14.1818182 | 210 | 309  |
| Chaminda Jayampath Seneviratne | 43  | 432 | 14.1775    | 211 | 221  |
| Tarcilia Aparecida Da Silva    | 57  | 178 | 14.1186225 | 212 | -34  |
| Cristiano Susin                | 58  | 165 | 14.078478  | 213 | -48  |
| Giuseppe Perinetti             | 52  | 253 | 14.0378072 | 214 | 39   |
| Tae Ju Oh                      | 37  | 618 | 14.035124  | 215 | 403  |
| Anderson T Hara                | 53  | 236 | 13.976     | 216 | 20   |
| Patricia Diaz-Moreno           | 41  | 488 | 13.9513889 | 217 | 271  |
| Bastiaan P. Krom               | 46  | 366 | 13.8732639 | 218 | 148  |
| Stefano Corbella               | 36  | 669 | 13.8641975 | 219 | 450  |
| Lorenzo Franchi                | 86  | 40  | 13.7143595 | 220 | -180 |
| Felipe Paiva Fonseca           | 34  | 755 | 13.6712803 | 221 | 534  |
| Kamran Awan                    | 31  | 917 | 13.5822222 | 222 | 695  |
| Fabrizio Mezzomo Collares      | 37  | 618 | 13.5802469 | 223 | 395  |
| Trevor Steward                 | 34  | 755 | 13.3554688 | 224 | 531  |
| Venkateshbabu Nagendrababu     | 38  | 583 | 13.2932099 | 225 | 358  |
| Ana Bedran Russo               | 46  | 366 | 13.28125   | 226 | 140  |

|                                   |     |     |            |     |      |
|-----------------------------------|-----|-----|------------|-----|------|
| Thiago Machado Ardenghi           | 50  | 293 | 13.2400756 | 227 | 66   |
| Janaina de Cássia Orlandi Sardi   | 33  | 809 | 13.1800554 | 228 | 581  |
| Christoph Ramseier                | 42  | 462 | 13.1538462 | 229 | 233  |
| Achille Tarsitano                 | 33  | 809 | 13.1484375 | 230 | 579  |
| Claudia Trindade Mattos           | 31  | 917 | 13.1428571 | 231 | 686  |
| Razia Khammissa                   | 35  | 707 | 13.1211073 | 232 | 475  |
| Mario Pérez Sayáns                | 31  | 917 | 13.1132813 | 233 | 684  |
| Duazary                           | 31  | 917 | 12.9925    | 234 | 683  |
| Jin Soo Ahn                       | 32  | 868 | 12.7889273 | 235 | 633  |
| Mine Koruyucu Yıldırım            | 34  | 755 | 12.7773438 | 236 | 519  |
| Lucianne Cople Maia               | 55  | 211 | 12.7466667 | 237 | -26  |
| Laurence J Walsh                  | 69  | 89  | 12.7376562 | 238 | -149 |
| Lucia Cevdanes                    | 62  | 134 | 12.7158203 | 239 | -105 |
| Raphael Freitas De Souza          | 50  | 293 | 12.6864    | 240 | 53   |
| Egija Zaura                       | 46  | 366 | 12.6789536 | 241 | 125  |
| Marco Carrozzo                    | 58  | 165 | 12.6455078 | 242 | -77  |
| Chung How Kau                     | 51  | 276 | 12.5843195 | 243 | 33   |
| Eija Könönen                      | 57  | 178 | 12.5665748 | 244 | -66  |
| Jose Bagan                        | 73  | 75  | 12.530572  | 245 | -170 |
| Mariana Minatel Braga             | 44  | 409 | 12.510397  | 246 | 163  |
| Fausto Medeiros Mendes            | 58  | 165 | 12.4877778 | 247 | -82  |
| Josimeri Hebling                  | 63  | 132 | 12.4757786 | 248 | -116 |
| Stuart C White                    | 53  | 236 | 12.4593426 | 249 | -13  |
| Ana Estela Haddad                 | 34  | 755 | 12.4394464 | 250 | 505  |
| Yara Teresinha Corrêa Silva Sousa | 47  | 350 | 12.4322917 | 251 | 99   |
| David Williams                    | 51  | 276 | 12.4255983 | 252 | 24   |
| Pablo Agustin Vargas              | 43  | 432 | 12.3639053 | 253 | 179  |
| Salvatore Sauro                   | 50  | 293 | 12.2721894 | 254 | 39   |
| Regina Guenka Palma Dibb          | 47  | 350 | 12.224     | 255 | 95   |
| Patricia Pereira                  | 56  | 196 | 12.2015306 | 256 | -60  |
| Vittoria Perrotti                 | 47  | 350 | 12.1197917 | 257 | 93   |
| W Murray Thomson                  | 95  | 25  | 12.1079592 | 258 | -233 |
| Paolo Capparè                     | 39  | 555 | 12.0720222 | 259 | 296  |
| Ignacio Sanz Sanchez              | 34  | 755 | 12.0702479 | 260 | 495  |
| Mevlüt Çelikoglu                  | 40  | 519 | 12.0339506 | 261 | 258  |
| Tais De Souza Barbosa             | 33  | 809 | 11.9537037 | 262 | 547  |
| Evandro Piva                      | 46  | 366 | 11.9392    | 263 | 103  |
| Yong Wang                         | 57  | 178 | 11.9366667 | 264 | -86  |
| Jung-Seok Lee                     | 34  | 755 | 11.9273356 | 265 | 490  |
| Paul M Speight                    | 80  | 56  | 11.8899793 | 266 | -210 |
| Carlos Flores Mir                 | 84  | 44  | 11.8441043 | 267 | -223 |
| Kaan Orhan                        | 49  | 314 | 11.7503429 | 268 | 46   |
| Gunnar E Carlsson                 | 118 | 6   | 11.7342012 | 269 | -263 |
| Lyndon Cooper                     | 66  | 110 | 11.7278393 | 270 | -160 |
| Sarah Kuehne                      | 32  | 868 | 11.675     | 271 | 597  |
| Martyn Cobourne                   | 53  | 236 | 11.6594388 | 272 | -36  |
| Paul W Major                      | 85  | 42  | 11.6315193 | 273 | -231 |
| Hee-Jin Kim                       | 55  | 211 | 11.6212279 | 274 | -63  |
| Ivo Krejci                        | 73  | 75  | 11.596875  | 275 | -200 |
| Todd Kuiken                       | 65  | 118 | 11.5900277 | 276 | -158 |
| Anne Marie Kuijpers-Jagtman       | 83  | 46  | 11.5122873 | 277 | -231 |
| Enilson A Sallum                  | 64  | 126 | 11.5039063 | 278 | -152 |
| Daniela Garib                     | 43  | 432 | 11.473251  | 279 | 153  |
| Trombelli Leonardo                | 62  | 134 | 11.4691358 | 280 | -146 |
| Mário Tanomaru Filho              | 69  | 89  | 11.4514244 | 281 | -192 |
| Mario Alexandre Coelho Sinhoreti  | 57  | 178 | 11.4422477 | 282 | -104 |
| Frederico Canato Martinho         | 35  | 707 | 11.4359862 | 283 | 424  |
| Despina Koletsi                   | 31  | 917 | 11.4311111 | 284 | 633  |

|                          |     |     |            |     |      |
|--------------------------|-----|-----|------------|-----|------|
| Sotirios Tetradis        | 50  | 293 | 11.3804994 | 285 | 8    |
| Euseong Kim              | 47  | 350 | 11.359375  | 286 | 64   |
| Toru Takeshita           | 34  | 755 | 11.2901235 | 287 | 468  |
| Christos Katsaros        | 61  | 142 | 11.2819979 | 288 | -146 |
| Claudio R Leles          | 46  | 366 | 11.2806183 | 289 | 77   |
| Jaime A Cury             | 82  | 50  | 11.2593934 | 290 | -240 |
| Margherita Fontana       | 50  | 293 | 11.2351717 | 291 | 2    |
| Brenda Gomes             | 57  | 178 | 11.1992654 | 292 | -114 |
| Rogério M Castilho       | 40  | 519 | 11.1909722 | 293 | 226  |
| Guglielmo Campus         | 50  | 293 | 11.1724138 | 294 | -1   |
| Lourenço Correr Sobrinho | 57  | 178 | 11.1466667 | 295 | -117 |
| Justin Durham            | 41  | 488 | 11.0362812 | 296 | 192  |
| Giampiero Rossi Fedele   | 34  | 755 | 11.0166205 | 297 | 458  |
| Tolga Fikret Tozum       | 43  | 432 | 10.9895833 | 298 | 134  |
| Loc Do                   | 36  | 669 | 10.9886621 | 299 | 370  |
| Nick Jakubovics          | 40  | 519 | 10.9135803 | 300 | 219  |
| Carolina Castro Martins  | 44  | 409 | 10.8888889 | 301 | 108  |
| Alessandro Vichi         | 51  | 276 | 10.8847656 | 302 | -26  |
| Sema Belli               | 50  | 293 | 10.8751715 | 303 | -10  |
| Aldiéris Alves Pesqueira | 35  | 707 | 10.867284  | 304 | 403  |
| Richard M Logan          | 48  | 332 | 10.866941  | 305 | 27   |
| Soares DG                | 37  | 618 | 10.8611111 | 306 | 312  |
| Leonardo Perez Faverani  | 32  | 868 | 10.7577855 | 307 | 561  |
| Mariano Sanz             | 107 | 14  | 10.7378702 | 308 | -294 |
| Nikos Mattheos           | 44  | 409 | 10.6614583 | 309 | 100  |
| Chengfei Zhang           | 47  | 350 | 10.5982143 | 310 | 40   |
| Yasuhiro Kobayashi       | 45  | 389 | 10.5872781 | 311 | 78   |
| Antonella Polimeni       | 64  | 126 | 10.5675676 | 312 | -186 |
| Dennis Tarnow            | 74  | 70  | 10.5603299 | 313 | -243 |
| Isaac Suzart Gomes Filho | 34  | 755 | 10.5512465 | 314 | 441  |
| Christoph Bourauel       | 56  | 196 | 10.5118367 | 315 | -119 |
| Hyeon Cheol Kim          | 41  | 488 | 10.5044379 | 316 | 172  |
| Ziad Salameh             | 33  | 809 | 10.4487535 | 317 | 492  |
| Nikolaos G Nikitakis     | 44  | 409 | 10.421875  | 318 | 91   |
| Eliete Guerra            | 40  | 519 | 10.4045369 | 319 | 200  |
| William Wade             | 64  | 126 | 10.3693827 | 320 | -194 |
| Frank Scannapieco        | 65  | 118 | 10.3622449 | 321 | -203 |
| Paul MH Dummer           | 82  | 50  | 10.3517429 | 322 | -272 |
| Shahriar Shahi           | 40  | 519 | 10.3175    | 323 | 196  |
| Brent Larson             | 33  | 809 | 10.2731921 | 324 | 485  |
| Daniela Rios             | 47  | 350 | 10.2411243 | 325 | 25   |
| Roger Keller Celeste     | 44  | 409 | 10.2334184 | 326 | 83   |
| Tze Ta Huang             | 90  | 36  | 10.1730915 | 327 | -291 |
| Paul Abbott              | 67  | 101 | 10.1314924 | 328 | -227 |
| Lars Andersson           | 61  | 142 | 10.1179016 | 329 | -187 |
| Paulo Francisco Cesar    | 45  | 389 | 10.1083676 | 330 | 59   |
| Anil Kishen              | 62  | 134 | 10.0710204 | 331 | -197 |
| Marcelo Goiato           | 56  | 196 | 10.0390625 | 332 | -136 |
| Mohamed Bayome           | 30  | 973 | 10.0311111 | 333 | 640  |
| Lior Shapira             | 54  | 227 | 10.000625  | 334 | -107 |
| Marzieh Alikhasi         | 34  | 755 | 9.93518519 | 335 | 420  |
| Ronald Ordinola Zapata   | 50  | 293 | 9.90828402 | 336 | -43  |
| Paolo M Cattaneo         | 35  | 707 | 9.85255199 | 337 | 370  |
| Heinz Theo Lübbers       | 36  | 669 | 9.85       | 338 | 331  |
| Dennis Cvitkovitch       | 58  | 165 | 9.84256055 | 339 | -174 |
| Sivapathasundharam B     | 35  | 707 | 9.83931947 | 340 | 367  |
| Gianrico Spagnuolo       | 51  | 276 | 9.81111111 | 341 | -65  |
| Josette Camilleri        | 66  | 110 | 9.76125    | 342 | -232 |

|   |    |     |            |     |      |
|---|----|-----|------------|-----|------|
| Mannocci F                                    | 62 | 134 | 9.72169467 | 343 | -209 |
| Hyun Mo Ryoo                                  | 52 | 253 | 9.6955102  | 344 | -91  |
| Hyo Sang Park                                 | 45 | 389 | 9.68962351 | 345 | 44   |
| Catherine F Poh                               | 38 | 583 | 9.61458333 | 346 | 237  |
| Nikolaos Pandis                               | 63 | 132 | 9.60847334 | 347 | -215 |
| Ivan B Darby                                  | 35 | 707 | 9.5472     | 348 | 359  |
| Vita Machiulskiene                            | 35 | 707 | 9.5        | 349 | 358  |
| Tien Min Gabriel Chu                          | 35 | 707 | 9.46016647 | 350 | 357  |
| Alessandro Leite Cavalcanti                   | 38 | 583 | 9.44526627 | 351 | 232  |
| Guilherme Janson                              | 60 | 151 | 9.44125    | 352 | -201 |
| Yongchul Bae                                  | 52 | 253 | 9.41894531 | 353 | -100 |
| Soraya Coelho Leal                            | 48 | 332 | 9.37217598 | 354 | -22  |
| Livia Azeredo A Antunes                       | 32 | 868 | 9.36288089 | 355 | 513  |
| Newell Johnson                                | 92 | 30  | 9.33480749 | 356 | -326 |
| Débora Alves Nunes Leite Lima                 | 31 | 917 | 9.33240997 | 357 | 560  |
| Elif Bahar Tuna                               | 32 | 868 | 9.32407407 | 358 | 510  |
| Fernanda Carvalho Panzeri Pires De Souza      | 34 | 755 | 9.305      | 359 | 396  |
| Luiz Felipe Valandro                          | 69 | 89  | 9.30160619 | 360 | -271 |
| Kenio Costa De Lima                           | 57 | 178 | 9.27918367 | 361 | -183 |
| Michael Mccullough                            | 51 | 276 | 9.27734375 | 362 | -86  |
| Rafael Rodrigues Lima Rafael R Lima, R R Lima | 38 | 583 | 9.27479339 | 363 | 220  |
| Moharamzadeh K                                | 31 | 917 | 9.2475     | 364 | 553  |
| Stephen Challacombe                           | 81 | 53  | 9.20256319 | 365 | -312 |
| Keith Kirkwood                                | 44 | 409 | 9.16695502 | 366 | 43   |
| Dag Ørstavik                                  | 70 | 85  | 9.15340254 | 367 | -282 |
| Andre Figueiredo Reis                         | 33 | 809 | 9.13194444 | 368 | 441  |
| Rodrigo A Giacaman                            | 36 | 669 | 9.11564626 | 369 | 300  |
| Wenche S Borgnakke                            | 35 | 707 | 9.11183674 | 370 | 337  |
| Anders Johansson                              | 89 | 37  | 9.1090535  | 371 | -334 |
| Marcelo Bönecker                              | 50 | 293 | 9.10644531 | 372 | -79  |
| Bill Kahler                                   | 36 | 669 | 9.0704     | 373 | 296  |
| Perry Klokkevold                              | 40 | 519 | 9.0348455  | 374 | 145  |
| Emmanuel João Nogueira Leal da Silva          | 57 | 178 | 9.01697531 | 375 | -197 |
| Fábio Luiz Mialhe                             | 37 | 618 | 8.99305556 | 376 | 242  |
| Isabela Pordeus                               | 69 | 89  | 8.97714681 | 377 | -288 |
| John Timothy Wright                           | 55 | 211 | 8.95800781 | 378 | -167 |
| Estevam Augusto Bonfante                      | 49 | 314 | 8.95684114 | 379 | -65  |
| Sankara Narayanan                             | 55 | 211 | 8.94809689 | 380 | -169 |
| Hector Rios                                   | 34 | 755 | 8.9232     | 381 | 374  |
| Paulo Vinicius Soares                         | 31 | 917 | 8.90909091 | 382 | 535  |
| Altair Antoninha Del Bel Cury                 | 65 | 118 | 8.89127424 | 383 | -265 |
| Saeed Rahimi                                  | 39 | 555 | 8.88435374 | 384 | 171  |
| Lj Jin  | 65 | 118 | 8.87150506 | 385 | -267 |
| Luis Felipe Schneider                         | 33 | 809 | 8.8707483  | 386 | 423  |
| Kim A Brogden                                 | 56 | 196 | 8.85106383 | 387 | -191 |
| Ashraf Fouad                                  | 58 | 165 | 8.83755102 | 388 | -223 |
| Jin Woo Park                                  | 42 | 462 | 8.8125     | 389 | 73   |
| Mark S Gilthorpe                              | 52 | 253 | 8.80882353 | 390 | -137 |
| Zafer Cavit Çehreli                           | 50 | 293 | 8.79777778 | 391 | -98  |
| João Eduardo Gomes Filho                      | 47 | 350 | 8.78994083 | 392 | -42  |
| Gülnur Emingil                                | 44 | 409 | 8.77810651 | 393 | 16   |
| Susan Rittling                                | 57 | 178 | 8.74241523 | 394 | -216 |
| Roberto Rotundo                               | 36 | 669 | 8.70510397 | 395 | 274  |
| Francesco Inchingolo                          | 46 | 366 | 8.69824219 | 396 | -30  |
| Lars Rasmusson                                | 42 | 462 | 8.68686869 | 397 | 65   |
| Yoon Jeong Choi                               | 33 | 809 | 8.66481995 | 398 | 411  |
| Owen Addison                                  | 34 | 755 | 8.64172336 | 399 | 356  |
| Mario Taba Junior                             | 54 | 227 | 8.54584775 | 400 | -173 |

|                                  |     |     |            |     |      |
|----------------------------------|-----|-----|------------|-----|------|
| Eduardo Bernabé                  | 77  | 59  | 8.54277954 | 401 | -342 |
| Manoel Damião Sousa Neto         | 77  | 59  | 8.52059756 | 402 | -343 |
| Miguel Peñarrocha Diago          | 66  | 110 | 8.50623583 | 403 | -293 |
| Wander José Da Silva             | 33  | 809 | 8.49584488 | 404 | 405  |
| Iris Do Céu Clara Costa          | 35  | 707 | 8.49433107 | 405 | 302  |
| Hamed Mortazavi                  | 31  | 917 | 8.4675     | 406 | 511  |
| Frauke Müller                    | 59  | 161 | 8.44408163 | 407 | -246 |
| Kelun Wang                       | 42  | 462 | 8.41863905 | 408 | 54   |
| Mauro Farella                    | 51  | 276 | 8.41727367 | 409 | -133 |
| Heitor Marques Honório           | 37  | 618 | 8.41420118 | 410 | 208  |
| Antonio Luiz Barbosa Pinheiro    | 53  | 236 | 8.4083045  | 411 | -175 |
| J Mark Thomason                  | 55  | 211 | 8.4065097  | 412 | -201 |
| Leonardo Dos Santos Antunes      | 33  | 809 | 8.4        | 413 | 396  |
| Graziela De Luca Canto           | 48  | 332 | 8.38763377 | 414 | -82  |
| Flares Baratto Filho             | 33  | 809 | 8.37618147 | 415 | 394  |
| Abdul Samad Khan                 | 31  | 917 | 8.375      | 416 | 501  |
| Craig S Miller                   | 56  | 196 | 8.36375    | 417 | -221 |
| W Keung Leung                    | 56  | 196 | 8.3615917  | 418 | -222 |
| Rafael Scaf De Molon             | 30  | 973 | 8.34876543 | 419 | 554  |
| Luis E Chávez De Paz             | 30  | 973 | 8.3161157  | 420 | 553  |
| Karine Laura Cortellazzi         | 31  | 917 | 8.28395062 | 421 | 496  |
| Dongxia Ye                       | 36  | 669 | 8.2675     | 422 | 247  |
| Angus Walls                      | 57  | 178 | 8.2642998  | 423 | -245 |
| André Luiz Fraga Briso           | 38  | 583 | 8.2624     | 424 | 159  |
| Thimios Mitsiadis                | 58  | 165 | 8.25       | 425 | -260 |
| Kotaro Maki                      | 41  | 488 | 8.23305589 | 426 | 62   |
| Juliano Pessan                   | 37  | 618 | 8.23090278 | 427 | 191  |
| Faruk Ayhan Başçiftçi            | 37  | 618 | 8.19097222 | 428 | 190  |
| Marco Ferrari                    | 116 | 8   | 8.17591499 | 429 | -421 |
| In Sung Yeo                      | 36  | 669 | 8.13799622 | 430 | 239  |
| Fernando Oliveira Costa          | 52  | 253 | 8.1349481  | 431 | -178 |
| Andreas Filippi                  | 49  | 314 | 8.12764004 | 432 | -118 |
| John D Bartlett                  | 55  | 211 | 8.10956903 | 433 | -222 |
| Cecilia Pedroso Turssi           | 38  | 583 | 8.06804734 | 434 | 149  |
| Prasit Pavasant                  | 48  | 332 | 8.0541103  | 435 | -103 |
| Cesar Arrais                     | 35  | 707 | 8.0415879  | 436 | 271  |
| Stavros Kiliaridis               | 70  | 85  | 8.03212374 | 437 | -352 |
| sheila cavalca cortelli          | 40  | 519 | 8.0032     | 438 | 81   |
| Dwomoa Adu                       | 65  | 118 | 7.99555556 | 439 | -321 |
| Gianluca Martino Tartaglia       | 48  | 332 | 7.96972656 | 440 | -108 |
| Giulio Rasperini                 | 50  | 293 | 7.95775941 | 441 | -148 |
| Marcio De Moraes                 | 39  | 555 | 7.95266272 | 442 | 113  |
| Christian S Stohler              | 52  | 253 | 7.92820248 | 443 | -190 |
| David C Coleman                  | 76  | 61  | 7.90878801 | 444 | -383 |
| Daniela Elena Costea             | 34  | 755 | 7.90289256 | 445 | 310  |
| Kristine Deleon Pennell          | 34  | 755 | 7.89256198 | 446 | 309  |
| Tariq Abduljabbar                | 40  | 519 | 7.89179548 | 447 | 72   |
| Rogério De Castilho Jacinto      | 33  | 809 | 7.8553719  | 448 | 361  |
| Daniel Graf                      | 39  | 555 | 7.84570313 | 449 | 106  |
| Kyung Mi Woo                     | 42  | 462 | 7.81688466 | 450 | 12   |
| Mark S Wolff                     | 40  | 519 | 7.78961601 | 451 | 68   |
| Peter Parashos                   | 43  | 432 | 7.77469388 | 452 | -20  |
| Marcelle Nascimento              | 31  | 917 | 7.76033058 | 453 | 464  |
| Carlos Eduardo Da Silveira Bueno | 45  | 389 | 7.74777778 | 454 | -65  |
| Inmaculada Tomas Carmona         | 45  | 389 | 7.74211248 | 455 | -66  |
| Olivier Huck                     | 30  | 973 | 7.73469388 | 456 | 517  |
| Hm Wong                          | 41  | 488 | 7.73076923 | 457 | 31   |
| Lewei Zhang                      | 47  | 350 | 7.71626298 | 458 | -108 |



|   |    |     |            |     |      |
|---|----|-----|------------|-----|------|
| Flávio Henrique Baggio Aguiar           | 40 | 519 | 7.70919067 | 459 | 60   |
| Aline De Almeida Neves                  | 35 | 707 | 7.69897959 | 460 | 247  |
| Tommaso Castroflorio                    | 38 | 583 | 7.6760355  | 461 | 122  |
| Matthias Zehnder                        | 60 | 151 | 7.67555556 | 462 | -311 |
| Fábio Renato Manzolli Leite             | 35 | 707 | 7.66942149 | 463 | 244  |
| Naser Aslaminabad                       | 30 | 973 | 7.65740741 | 464 | 509  |
| Marcio Mateus Beloti                    | 35 | 707 | 7.62326389 | 465 | 242  |
| Kuo-Wei Chang                           | 60 | 151 | 7.61061225 | 466 | -315 |
| Erika Benavides                         | 30 | 973 | 7.6016     | 467 | 506  |
| Wirley Gonçalves Assunção               | 42 | 462 | 7.60082305 | 468 | -6   |
| Saul Paiva                              | 79 | 58  | 7.59323337 | 469 | -411 |
| Américo Bortolazzo Correr               | 34 | 755 | 7.56818182 | 470 | 285  |
| Lars Bondemark                          | 51 | 276 | 7.56738281 | 471 | -195 |
| Kannan Ranganathan                      | 39 | 555 | 7.55648038 | 472 | 83   |
| Belmiro Cavalcanti Do Egito Vasconcelos | 41 | 488 | 7.55229592 | 473 | 15   |
| George Eliades                          | 66 | 110 | 7.54669839 | 474 | -364 |
| Rachel Badovinac Ramoni                 | 39 | 555 | 7.53994083 | 475 | 80   |
| Karim Fawzy El Sayed                    | 30 | 973 | 7.5375     | 476 | 497  |
| Mustafa Naseem                          | 33 | 809 | 7.53061225 | 477 | 332  |
| Argy Polychronopoulou                   | 52 | 253 | 7.49011446 | 478 | -225 |
| Silmara Aparecida Milori Corona         | 42 | 462 | 7.47337278 | 479 | -17  |
| Jung Il Chae                            | 33 | 809 | 7.46280992 | 480 | 329  |
| Danyel Elias Da Cruz Perez              | 40 | 519 | 7.4408284  | 481 | 38   |
| Carlo Maiorana                          | 48 | 332 | 7.42367347 | 482 | -150 |
| Simone Grandini                         | 43 | 432 | 7.41503906 | 483 | -51  |
| Alyne Simões Gonçalves                  | 31 | 917 | 7.3933518  | 484 | 433  |
| Alessandra Buhler Borges                | 37 | 618 | 7.3872     | 485 | 133  |
| Peer Kämmerer                           | 41 | 488 | 7.37860082 | 486 | 2    |
| Mohamed Al Shabrawey                    | 40 | 519 | 7.36686391 | 487 | 32   |
| Ananda Dasanayake                       | 42 | 462 | 7.35449219 | 488 | -26  |
| David L Gast                            | 72 | 80  | 7.3392     | 489 | -409 |
| Paulo Henrique Dos Santos               | 36 | 669 | 7.33159722 | 490 | 179  |
| Francisco C Groppo                      | 45 | 389 | 7.31217482 | 491 | -102 |
| Annika Antonsson                        | 35 | 707 | 7.312      | 492 | 215  |
| Lars Bjørndal                           | 42 | 462 | 7.3030303  | 493 | -31  |
| Anthony Damien Walmsley                 | 61 | 142 | 7.27959548 | 494 | -352 |
| Athanassios Kyrgidis                    | 41 | 488 | 7.25976563 | 495 | -7   |
| Ana Carolina Magalhães                  | 57 | 178 | 7.25127831 | 496 | -318 |
| Delgado Ruiz Ra                         | 33 | 809 | 7.22675737 | 497 | 312  |
| Rafael Guerra Lund                      | 34 | 755 | 7.19628099 | 498 | 257  |
| Marco Salerno                           | 41 | 488 | 7.18888889 | 499 | -11  |
| Yuelian Liu                             | 33 | 809 | 7.1872     | 500 | 309  |
| Marcia Martins Marques                  | 52 | 253 | 7.18421053 | 501 | -248 |
| Tao Jiang                               | 33 | 809 | 7.17881944 | 502 | 307  |
| Juan J. Segura-Egea                     | 51 | 276 | 7.17714286 | 503 | -227 |
| Gisele Maria Correr                     | 35 | 707 | 7.15689981 | 504 | 203  |
| Chausu G                                | 57 | 178 | 7.09934259 | 505 | -327 |
| Simon D Tran                            | 46 | 366 | 7.08324662 | 506 | -140 |
| Vicente Castelo Branco Leitune          | 32 | 868 | 7.07936508 | 507 | 361  |
| Edgard Graner                           | 50 | 293 | 7.06795225 | 508 | -215 |
| Toru Yanagawa                           | 42 | 462 | 7.05955679 | 509 | -47  |
| Jesus Alberto Hernandez Silva           | 39 | 555 | 7.03171191 | 510 | 45   |
| Arndt Guentsch                          | 32 | 868 | 7.03099174 | 511 | 357  |
| Bassel Tarakji                          | 31 | 917 | 7.01133787 | 512 | 405  |
| Daniela Bazan Palioto                   | 38 | 583 | 6.99408284 | 513 | 70   |
| Gustafsson Anders                       | 58 | 165 | 6.96055227 | 514 | -349 |
| Shuo Chen                               | 48 | 332 | 6.9357195  | 515 | -183 |
| Shane N White                           | 53 | 236 | 6.92330168 | 516 | -280 |

|                                 |    |     |            |     |      |
|---------------------------------|----|-----|------------|-----|------|
| José Roberto Pereira Lauris     | 51 | 276 | 6.89814815 | 517 | -241 |
| Xuebin Yang                     | 41 | 488 | 6.89060642 | 518 | -30  |
| Zoe Marshman                    | 40 | 519 | 6.85059172 | 519 | 0    |
| Domenick Zero                   | 70 | 85  | 6.82805269 | 520 | -435 |
| Gaviao M                        | 53 | 236 | 6.82785467 | 521 | -285 |
| Haiter Neto F                   | 49 | 314 | 6.80017301 | 522 | -208 |
| KY Anh Nguyen                   | 31 | 917 | 6.79340278 | 523 | 394  |
| Richard David Cannon            | 52 | 253 | 6.78254848 | 524 | -271 |
| Marcia Carneiro Valera          | 43 | 432 | 6.76444444 | 525 | -93  |
| Paulo Nelson Filho              | 43 | 432 | 6.74012856 | 526 | -94  |
| Jung Yul Cha                    | 34 | 755 | 6.73662551 | 527 | 228  |
| Savabi O                        | 36 | 669 | 6.70699433 | 528 | 141  |
| Kıvanç Kamburoğlu               | 36 | 669 | 6.70507545 | 529 | 140  |
| Leonardo Ciocca                 | 35 | 707 | 6.6875     | 530 | 177  |
| Manabu Kanazawa                 | 31 | 917 | 6.66540643 | 531 | 386  |
| Lim Kwong Cheung                | 50 | 293 | 6.64353543 | 532 | -239 |
| Francesca Gori                  | 30 | 973 | 6.62555556 | 533 | 440  |
| Anastasios Kanatas              | 39 | 555 | 6.625      | 534 | 21   |
| Paul Cooper                     | 65 | 118 | 6.61979167 | 535 | -417 |
| Rui Figueiredo                  | 40 | 519 | 6.61831153 | 536 | -17  |
| Conchita Martin                 | 31 | 917 | 6.61593341 | 537 | 380  |
| Chan Ho Park                    | 30 | 973 | 6.59722222 | 538 | 435  |
| Tae Geon Kwon                   | 35 | 707 | 6.57193817 | 539 | 168  |
| Luis Otávio Miranda Cota        | 35 | 707 | 6.55967078 | 540 | 167  |
| Sérgio Vitorino Cardoso         | 30 | 973 | 6.535      | 541 | 432  |
| Steven Brookes                  | 43 | 432 | 6.49121094 | 542 | -110 |
| Doglas Cecchin                  | 31 | 917 | 6.48       | 543 | 374  |
| Khalid Almas                    | 54 | 227 | 6.45567867 | 544 | -317 |
| 有地榮一郎                           | 56 | 196 | 6.44675788 | 545 | -349 |
| Giuseppe Alexandre Romito       | 34 | 755 | 6.44589774 | 546 | 209  |
| Eduardo Piza Pellizzer          | 52 | 253 | 6.44390582 | 547 | -294 |
| A Jäger                         | 57 | 178 | 6.44378346 | 548 | -370 |
| Neil Meredith                   | 32 | 868 | 6.44259369 | 549 | 319  |
| Raman Bedi                      | 60 | 151 | 6.40079365 | 550 | -399 |
| Fernanda Salum                  | 33 | 809 | 6.39886578 | 551 | 258  |
| Francisco Montagner             | 32 | 868 | 6.3875     | 552 | 316  |
| Frank Lippert                   | 34 | 755 | 6.38541667 | 553 | 202  |
| Edward Lynch                    | 55 | 211 | 6.38375    | 554 | -343 |
| Carlos Rodriguez                | 55 | 211 | 6.3712     | 555 | -344 |
| Massimo De Sanctis              | 45 | 389 | 6.35042735 | 556 | -167 |
| Ki Beom Kim                     | 33 | 809 | 6.34782609 | 557 | 252  |
| Harald O Heymann                | 50 | 293 | 6.34074074 | 558 | -265 |
| José Maria Montiel-Company      | 37 | 618 | 6.3376     | 559 | 59   |
| Lidiany Rodrigues               | 36 | 669 | 6.32780612 | 560 | 109  |
| Pedro Bullon                    | 53 | 236 | 6.30263158 | 561 | -325 |
| Paul Brunton                    | 44 | 409 | 6.26660156 | 562 | -153 |
| Kathryn A Atchison              | 48 | 332 | 6.24722992 | 563 | -231 |
| Angray Kang                     | 31 | 917 | 6.24375    | 564 | 353  |
| Ewerton Garcia De Oliveira Mima | 31 | 917 | 6.2244898  | 565 | 352  |
| Charles Goodacre                | 64 | 126 | 6.21991542 | 566 | -440 |
| Shanon patel                    | 56 | 196 | 6.2095971  | 567 | -371 |
| Renate Lux                      | 47 | 350 | 6.20588235 | 568 | -218 |
| Kum Kee Yeon                    | 50 | 293 | 6.1816609  | 569 | -276 |
| MS Duggal                       | 51 | 276 | 6.16280864 | 570 | -294 |
| Sue Pavitt Nee Rider            | 45 | 389 | 6.13149244 | 571 | -182 |
| Javier Martín                   | 31 | 917 | 6.12018141 | 572 | 345  |
| Sandra Helena Penha De Oliveira | 40 | 519 | 6.11755102 | 573 | -54  |
| Christos Boutsioukis            | 30 | 973 | 6.11538462 | 574 | 399  |

|                                       |    |     |            |     |      |
|---------------------------------------|----|-----|------------|-----|------|
| Marcelo Ferrarezi De Andrade          | 35 | 707 | 6.10939358 | 575 | 132  |
| Serge Bouillaguet                     | 44 | 409 | 6.09061225 | 576 | -167 |
| Mohammad Samiei                       | 39 | 555 | 6.07317073 | 577 | -22  |
| Evandro Watanabe                      | 33 | 809 | 6.06238185 | 578 | 231  |
| Carlos Alberto Feldens                | 44 | 409 | 6.05877551 | 579 | -170 |
| Mônica Campos Serra                   | 47 | 350 | 6.03703704 | 580 | -230 |
| Ana Cecilia Corrêa Aranha             | 40 | 519 | 6.01530612 | 581 | -62  |
| Jean Christophe Farges                | 32 | 868 | 6.0059453  | 582 | 286  |
| Young Kyung Kim                       | 34 | 755 | 5.99852071 | 583 | 172  |
| Marie Therese Flores                  | 39 | 555 | 5.97902494 | 584 | -29  |
| Ronald W Wood                         | 39 | 555 | 5.97485207 | 585 | -30  |
| Edmond Pow                            | 34 | 755 | 5.9744898  | 586 | 169  |
| Boaz Arzi                             | 32 | 868 | 5.953125   | 587 | 281  |
| Mohammad Khursheed Alam               | 43 | 432 | 5.938125   | 588 | -156 |
| Nadim Z Baba                          | 32 | 868 | 5.912      | 589 | 279  |
| David Penarrocha-Oltra                | 46 | 366 | 5.89142857 | 590 | -224 |
| Chris Deery                           | 39 | 555 | 5.88521579 | 591 | -36  |
| Fawad Javed                           | 64 | 126 | 5.87867814 | 592 | -466 |
| Claudio Marchetti                     | 60 | 151 | 5.87061728 | 593 | -442 |
| Luís Eduardo Silva Soares             | 32 | 868 | 5.85950413 | 594 | 274  |
| Enrico Gherlone                       | 54 | 227 | 5.83875    | 595 | -368 |
| Daniel Torres-Lagares                 | 46 | 366 | 5.82204082 | 596 | -230 |
| John Yoo                              | 43 | 432 | 5.7943067  | 597 | -165 |
| Pia Lopez Jornet                      | 49 | 314 | 5.79254931 | 598 | -284 |
| David G Gillam                        | 40 | 519 | 5.77076125 | 599 | -80  |
| Guy Willems                           | 73 | 75  | 5.76097394 | 600 | -525 |
| Masamichi Takami 高見正道                 | 36 | 669 | 5.74530612 | 601 | 68   |
| Marco Antonio Hungaro Duarte          | 75 | 66  | 5.7437518  | 602 | -536 |
| Elham S Abu Alhaija                   | 34 | 755 | 5.72290809 | 603 | 152  |
| Debora Barros Barbosa                 | 32 | 868 | 5.71893491 | 604 | 264  |
| Hakan Turkkahraman                    | 33 | 809 | 5.69791667 | 605 | 204  |
| Silvia Cristina Núñez                 | 30 | 973 | 5.68861454 | 606 | 367  |
| Keiji Moriyama                        | 45 | 389 | 5.68132716 | 607 | -218 |
| José Fernando Castanha Henriques      | 55 | 211 | 5.67950617 | 608 | -397 |
| Paula Cristina Trevilatto             | 42 | 462 | 5.64565993 | 609 | -147 |
| Paulo Conti                           | 54 | 227 | 5.633125   | 610 | -383 |
| Rubens Spin Neto                      | 39 | 555 | 5.6313912  | 611 | -56  |
| Hae-Hyoung Lee                        | 38 | 583 | 5.62117347 | 612 | -29  |
| Her Hsiung Huang                      | 41 | 488 | 5.60666667 | 613 | -125 |
| Tonino Traini                         | 38 | 583 | 5.60145682 | 614 | -31  |
| Livia Ma Tenuta                       | 42 | 462 | 5.6        | 615 | -153 |
| Paul Lam Corstjens                    | 52 | 253 | 5.55161078 | 616 | -363 |
| Masae Kuboniwa                        | 40 | 519 | 5.53864447 | 617 | -98  |
| Carlos F Santos                       | 43 | 432 | 5.52066116 | 618 | -186 |
| Abel García García                    | 54 | 227 | 5.51108033 | 619 | -392 |
| Renata Cunha Matheus Rodrigues Garcia | 36 | 669 | 5.48214286 | 620 | 49   |
| Shohei Kasugai                        | 52 | 253 | 5.47888162 | 621 | -368 |
| Patricia Moreira De Freitas           | 33 | 809 | 5.47569444 | 622 | 187  |
| Jesus Torres Garcia-Denche            | 33 | 809 | 5.4688     | 623 | 186  |
| Joseph Wedekind                       | 38 | 583 | 5.45888889 | 624 | -41  |
| Velasco-Ortega E                      | 38 | 583 | 5.44238281 | 625 | -42  |
| Bernhard Ganss                        | 33 | 809 | 5.44117647 | 626 | 183  |
| Galen B Schneider                     | 33 | 809 | 5.42333333 | 627 | 182  |
| Roberts Thomson K                     | 39 | 555 | 5.41308594 | 628 | -73  |
| Dorina Lauritano                      | 37 | 618 | 5.40894901 | 629 | -11  |
| Shinoda Masamichi                     | 37 | 618 | 5.4        | 630 | -12  |
| Roberto Ruggiero Braga                | 60 | 151 | 5.39238166 | 631 | -480 |
| wael sabbah                           | 35 | 707 | 5.38293444 | 632 | 75   |

|  |    |     |            |     |      |
|--|----|-----|------------|-----|------|
| Abdalla Abdal hay                      | 34 | 755 | 5.3824     | 633 | 122  |
| Carlos Nemcovsky                       | 47 | 350 | 5.37345679 | 634 | -284 |
| Jacks Jorge                            | 34 | 755 | 5.37037037 | 635 | 120  |
| Leticia Helena Theodoro                | 36 | 669 | 5.36479592 | 636 | 33   |
| Marcelo Ferraz Mesquita                | 41 | 488 | 5.35691988 | 637 | -149 |
| Keerthilatha M Pai                     | 32 | 868 | 5.33928571 | 638 | 230  |
| Rodrigo Vivan                          | 38 | 583 | 5.3293698  | 639 | -56  |
| Teresa A Dolan                         | 31 | 917 | 5.31542969 | 640 | 277  |
| Maryam Amin                            | 31 | 917 | 5.30371901 | 641 | 276  |
| Wanninayake Mudiyanseelage Tilakaratne | 42 | 462 | 5.30040816 | 642 | -180 |
| Tarek El Bialy                         | 35 | 707 | 5.27514793 | 643 | 64   |
| Patricia McGettigan                    | 34 | 755 | 5.2700831  | 644 | 111  |
| Gisele Faria                           | 38 | 583 | 5.23593964 | 645 | -62  |
| James Kit Hon Tsoi                     | 34 | 755 | 5.1843044  | 646 | 109  |
| Celine M Levesque                      | 32 | 868 | 5.18002081 | 647 | 221  |
| Joni Augusto Cirelli                   | 46 | 366 | 5.16       | 648 | -282 |
| Rory M Watt                            | 33 | 809 | 5.13717421 | 649 | 160  |
| Cynthia Pine                           | 46 | 366 | 5.13492064 | 650 | -284 |
| Reuben Kim                             | 37 | 618 | 5.13017752 | 651 | -33  |
| Figen Seymen                           | 40 | 519 | 5.12722949 | 652 | -133 |
| Carla Castiglia Gonzaga                | 34 | 755 | 5.0880102  | 653 | 102  |
| Cristiane Duque                        | 32 | 868 | 5.08159722 | 654 | 214  |
| Francesca Angiero                      | 31 | 917 | 5.05671078 | 655 | 262  |
| Regina Puppini Rontani                 | 46 | 366 | 5.04528853 | 656 | -290 |
| Elcio Marcantonio Junior               | 53 | 236 | 5.019375   | 657 | -421 |
| Richard B Price                        | 55 | 211 | 5.018125   | 658 | -447 |
| Ana Paula Vieira Colombo               | 43 | 432 | 5.01697531 | 659 | -227 |
| Souichi Yanamoto                       | 34 | 755 | 5.01234568 | 660 | 95   |
| Mahmoud Al Omiri                       | 37 | 618 | 5.00292969 | 661 | -43  |
| Leandro Silva Marques                  | 46 | 366 | 5.00146092 | 662 | -296 |
| Yong Dae Kwon                          | 32 | 868 | 4.96449704 | 663 | 205  |
| Warwick Duncan                         | 33 | 809 | 4.94040816 | 664 | 145  |
| Harvey A Schenkein                     | 56 | 196 | 4.92664931 | 665 | -469 |
| Roy George                             | 31 | 917 | 4.92318244 | 666 | 251  |
| Antonio Carrassi                       | 51 | 276 | 4.91802469 | 667 | -391 |
| RP Allaker                             | 41 | 488 | 4.88340274 | 668 | -180 |
| Siddik Malkoç                          | 31 | 917 | 4.87847222 | 669 | 248  |
| Jose Luis Gutierrez Perez              | 69 | 89  | 4.87694637 | 670 | -581 |
| Oslei Paes De Almeida                  | 60 | 151 | 4.8638546  | 671 | -520 |
| Mubassar Fida                          | 31 | 917 | 4.84548611 | 672 | 245  |
| Lauren L Patton                        | 50 | 293 | 4.8361678  | 673 | -380 |
| Maria Da Gloria Chiarello De Mattos    | 35 | 707 | 4.82304527 | 674 | 33   |
| Thais Marchini Oliveira                | 51 | 276 | 4.80584391 | 675 | -399 |
| Sema Hakki                             | 33 | 809 | 4.72189349 | 676 | 133  |
| Luciana Shaddox                        | 32 | 868 | 4.72048611 | 677 | 191  |
| Erick Souza                            | 43 | 432 | 4.71808999 | 678 | -246 |
| Rubens Ferreira De Albuquerque Junior  | 35 | 707 | 4.71467764 | 679 | 28   |
| Sajeda Meghji                          | 49 | 314 | 4.68707483 | 680 | -366 |
| Jane A Weintraub                       | 48 | 332 | 4.68679717 | 681 | -349 |
| Asbjørn Jokstad                        | 43 | 432 | 4.68213296 | 682 | -250 |
| Vanessa Soares Lara                    | 36 | 669 | 4.66836735 | 683 | -14  |
| Yanqi Yang                             | 30 | 973 | 4.66145833 | 684 | 289  |
| Mauro Henrique Abreu                   | 47 | 350 | 4.65875    | 685 | -335 |
| Rainer Haak                            | 36 | 669 | 4.63971463 | 686 | -17  |
| Nada Farouk Ahmed Atta                 | 41 | 488 | 4.62456747 | 687 | -199 |
| Pertti Pirttiniemi                     | 43 | 432 | 4.61632653 | 688 | -256 |
| Mohamed Ibrahim Abu Hassan             | 35 | 707 | 4.61555556 | 689 | 18   |
| Carlos Gonzalez Cabezas                | 39 | 555 | 4.58300781 | 690 | -135 |

|   |    |     |            |     |      |
|---|----|-----|------------|-----|------|
| Yasemin Özkan                           | 41 | 488 | 4.56657484 | 691 | -203 |
| Youssef Haikel                          | 49 | 314 | 4.54875283 | 692 | -378 |
| Shinn Jyh Ding                          | 49 | 314 | 4.54565376 | 693 | -379 |
| Carlos José Soares                      | 66 | 110 | 4.52942925 | 694 | -584 |
| Rosnah Zain                             | 48 | 332 | 4.51247166 | 695 | -363 |
| Thomas Gh Diekwisch                     | 40 | 519 | 4.50612245 | 696 | -177 |
| Léa Assed Bezerra Da Silva              | 67 | 101 | 4.50502729 | 697 | -596 |
| Moschos A Papadopoulos                  | 41 | 488 | 4.50231482 | 698 | -210 |
| Linda Wang                              | 36 | 669 | 4.48870392 | 699 | -30  |
| Flávio Domingues Das Neves              | 30 | 973 | 4.48596939 | 700 | 273  |
| Amaury Pozos Guillén                    | 38 | 583 | 4.48163265 | 701 | -118 |
| Sérgio Scombatti De Souza               | 52 | 253 | 4.47593294 | 702 | -449 |
| Youn Hee Choi                           | 30 | 973 | 4.4544     | 703 | 270  |
| Lynne Bingle                            | 34 | 755 | 4.44444444 | 704 | 51   |
| John Brunski                            | 45 | 389 | 4.42824808 | 705 | -316 |
| Ahmed Samy                              | 32 | 868 | 4.40587695 | 706 | 162  |
| Viviane Colares                         | 30 | 973 | 4.39780521 | 707 | 266  |
| Nobuhiro Hanada                         | 49 | 314 | 4.39256198 | 708 | -394 |
| Toru Nikaido                            | 58 | 165 | 4.38525614 | 709 | -544 |
| Junia Serra Negra                       | 35 | 707 | 4.36222222 | 710 | -3   |
| Paulo Floriani Kramer                   | 37 | 618 | 4.35380623 | 711 | -93  |
| Helena De Freitas Oliveira Paranhos     | 46 | 366 | 4.3355102  | 712 | -346 |
| Ender Kazazoglu                         | 35 | 707 | 4.32897959 | 713 | -6   |
| Carlos De Paula Eduardo                 | 61 | 142 | 4.32618343 | 714 | -572 |
| Halil Erhan Fıratlı                     | 41 | 488 | 4.32163265 | 715 | -227 |
| Kristiina Heikinheimo                   | 37 | 618 | 4.304405   | 716 | -98  |
| Hs Brand                                | 47 | 350 | 4.29       | 717 | -367 |
| Clay Walker                             | 62 | 134 | 4.26905456 | 718 | -584 |
| Marco Cune                              | 45 | 389 | 4.25396825 | 719 | -330 |
| June Nunn                               | 51 | 276 | 4.24888889 | 720 | -444 |
| Brian W Darvell                         | 55 | 211 | 4.24563902 | 721 | -510 |
| Liviu Feller                            | 42 | 462 | 4.23822715 | 722 | -260 |
| Ana Flavia Granville Garcia             | 40 | 519 | 4.21767714 | 723 | -204 |
| Fabio Dumas Nunes                       | 44 | 409 | 4.21121884 | 724 | -315 |
| Hiroshi Ogawa                           | 34 | 755 | 4.19492503 | 725 | 30   |
| Simone Cecilio Hallak Regalo            | 35 | 707 | 4.19335938 | 726 | -19  |
| Maria Aparecida Andrade Moreira Machado | 49 | 314 | 4.18222222 | 727 | -413 |
| Clovis Monteiro Bramante                | 67 | 101 | 4.17266851 | 728 | -627 |
| Petros Koidis                           | 43 | 432 | 4.16274238 | 729 | -297 |
| Pascal Van Lieshout                     | 42 | 462 | 4.15673469 | 730 | -268 |
| Arthur Belém Novaes Júnior              | 62 | 134 | 4.1533801  | 731 | -597 |
| Fabiana Mantovani Gomes França          | 30 | 973 | 4.11796982 | 732 | 241  |
| James K Hartsfield Jr                   | 43 | 432 | 4.11       | 733 | -301 |
| Norman Tinanoff                         | 53 | 236 | 4.10724852 | 734 | -498 |
| Timothy G Bromage                       | 50 | 293 | 4.08109504 | 735 | -442 |
| Vivek Shetty                            | 39 | 555 | 4.08108108 | 736 | -181 |
| Jae Gyu Jeon                            | 30 | 973 | 4.08093279 | 737 | 236  |
| Debora C Matthews                       | 31 | 917 | 4.07180021 | 738 | 179  |
| Ravindra Nanda                          | 59 | 161 | 4.06710744 | 739 | -578 |
| Keson Tan                               | 36 | 669 | 4.043125   | 740 | -71  |
| Baek Il Kim                             | 31 | 917 | 4.02888889 | 741 | 176  |
| S Jeffrey Dixon                         | 55 | 211 | 4.01124531 | 742 | -531 |
| Saeed Asgary                            | 58 | 165 | 3.96570645 | 743 | -578 |
| Luciana Corrêa                          | 31 | 917 | 3.960761   | 744 | 173  |
| Darnell Kaigler                         | 34 | 755 | 3.95221607 | 745 | 10   |
| Titus Schleyer, Dmd                     | 36 | 669 | 3.94824219 | 746 | -77  |
| Marcio Ajudarte Lopes                   | 54 | 227 | 3.93621399 | 747 | -520 |
| Branca Heloisa Oliveira                 | 34 | 755 | 3.9220679  | 748 | 7    |

|                                   |    |     |            |     |      |
|-----------------------------------|----|-----|------------|-----|------|
| Bruce Pihlstrom                   | 42 | 462 | 3.91603306 | 749 | -287 |
| Luciano Cintra                    | 45 | 389 | 3.89875082 | 750 | -361 |
| Heng Li Huang                     | 44 | 409 | 3.89506173 | 751 | -342 |
| Giuseppe Siciliani                | 45 | 389 | 3.891875   | 752 | -363 |
| Jan Eirik Ellingsen               | 42 | 462 | 3.89049587 | 753 | -291 |
| Carlos Henrique Ribeiro Camargo   | 34 | 755 | 3.89013841 | 754 | 1    |
| Bahar Eren Kuru                   | 30 | 973 | 3.87327824 | 755 | 218  |
| Kenji Fueki                       | 32 | 868 | 3.87158145 | 756 | 112  |
| Martine Hennequin                 | 43 | 432 | 3.84072022 | 757 | -325 |
| Nelson Rfa Silva                  | 48 | 332 | 3.84027778 | 758 | -426 |
| Gerry Linden                      | 53 | 236 | 3.83798417 | 759 | -523 |
| Chen Feng                         | 37 | 618 | 3.80401235 | 760 | -142 |
| James C Kulild                    | 37 | 618 | 3.78612245 | 761 | -143 |
| William F Vann Jr                 | 49 | 314 | 3.77777778 | 762 | -448 |
| Yan-Fang Ren 任延方                  | 37 | 618 | 3.77282688 | 763 | -145 |
| Rafael Francisco Lia Mondelli     | 40 | 519 | 3.76186998 | 764 | -245 |
| JE Martin                         | 58 | 165 | 3.75754423 | 765 | -600 |
| Gülfem Ergün                      | 32 | 868 | 3.73979592 | 766 | 102  |
| Kevin O'Brien                     | 57 | 178 | 3.7368595  | 767 | -589 |
| Andrea Pilloni                    | 34 | 755 | 3.70847751 | 768 | -13  |
| Francisco Javier Rodríguez Lozano | 34 | 755 | 3.70703125 | 769 | -14  |
| Rosemary Shinkai                  | 32 | 868 | 3.69140625 | 770 | 98   |
| Cláudia Helena Lovato Da Silva    | 40 | 519 | 3.69125521 | 771 | -252 |
| M Ajmal                           | 51 | 276 | 3.65754438 | 772 | -496 |
| Rosa Helena Miranda Grande        | 35 | 707 | 3.6412037  | 773 | -66  |
| Jennifer Yvette Webster           | 33 | 809 | 3.63666667 | 774 | 35   |
| Giuseppe Pizzo                    | 32 | 868 | 3.625      | 775 | 93   |
| Guilherme Carpena Lopes           | 33 | 809 | 3.60986159 | 776 | 33   |
| Renty B Franklin                  | 56 | 196 | 3.60768176 | 777 | -581 |
| Won-Yoon Chung                    | 40 | 519 | 3.57561728 | 778 | -259 |
| Frank J Verstraete                | 42 | 462 | 3.57525283 | 779 | -317 |
| Liran Levin                       | 67 | 101 | 3.56542969 | 780 | -679 |
| Vinicius Pedrazzi                 | 33 | 809 | 3.56222222 | 781 | 28   |
| Flavio Uribe                      | 32 | 868 | 3.52444444 | 782 | 86   |
| Susana Maria Werner Samuel        | 36 | 669 | 3.52148438 | 783 | -114 |
| Zohaib Akram                      | 38 | 583 | 3.51953125 | 784 | -201 |
| José Carlos Pereira               | 50 | 293 | 3.50694444 | 785 | -492 |
| Marita Rohr Inglehart             | 47 | 350 | 3.50189036 | 786 | -436 |
| Yuichi Kitasako                   | 35 | 707 | 3.49902344 | 787 | -80  |
| Brian O Connell                   | 37 | 618 | 3.484375   | 788 | -170 |
| Louisa K James                    | 30 | 973 | 3.4799169  | 789 | 184  |
| Mike Hubbard                      | 37 | 618 | 3.470625   | 790 | -172 |
| Shin Jae Lee                      | 36 | 669 | 3.4644898  | 791 | -122 |
| David Normando                    | 33 | 809 | 3.4522449  | 792 | 17   |
| Gabriele Cervino                  | 48 | 332 | 3.441875   | 793 | -461 |
| Mark Cross                        | 52 | 253 | 3.4372428  | 794 | -541 |
| Cleidiel Lemos                    | 37 | 618 | 3.43364198 | 795 | -177 |
| Montserrat Mercadé Bellido        | 35 | 707 | 3.43346939 | 796 | -89  |
| graham ogden                      | 42 | 462 | 3.43186962 | 797 | -335 |
| Michele Cassetta                  | 32 | 868 | 3.4140625  | 798 | 70   |
| Young Guk Park                    | 36 | 669 | 3.40657439 | 799 | -130 |
| Janete A Anselmo Franci           | 45 | 389 | 3.4053288  | 800 | -411 |
| JT Wright                         | 55 | 211 | 3.38868343 | 801 | -590 |
| José López-López                  | 51 | 276 | 3.38203018 | 802 | -526 |
| Rafiqul Islam                     | 56 | 196 | 3.37093048 | 803 | -607 |
| Manoela Domingues Martins         | 48 | 332 | 3.36935764 | 804 | -472 |
| Halboub Esam                      | 32 | 868 | 3.36816406 | 805 | 63   |
| Erik Dabelsteen                   | 52 | 253 | 3.36528926 | 806 | -553 |

|   |    |     |            |     |      |
|---|----|-----|------------|-----|------|
| David Maxwell                                     | 44 | 409 | 3.36484798 | 807 | -398 |
| Stjepan Spalj                                     | 30 | 973 | 3.36444444 | 808 | 165  |
| Raquel Assed Bezerra Da Silva                     | 52 | 253 | 3.35420856 | 809 | -556 |
| Marcantonio Rac                                   | 34 | 755 | 3.34688581 | 810 | -55  |
| Karen Cherubini                                   | 36 | 669 | 3.34122449 | 811 | -142 |
| Нигман Хабиллов                                   | 35 | 707 | 3.33818939 | 812 | -105 |
| Suzana Machado De Sousa                           | 40 | 519 | 3.33372992 | 813 | -294 |
| Lih Jyh Fuh                                       | 36 | 669 | 3.31888889 | 814 | -145 |
| Gunilla Klingberg                                 | 37 | 618 | 3.30518519 | 815 | -197 |
| L Shannon Holliday                                | 36 | 669 | 3.30478395 | 816 | -147 |
| Ruth Lipman                                       | 35 | 707 | 3.29583559 | 817 | -110 |
| Ricardo Guimarães Fischer                         | 37 | 618 | 3.29501385 | 818 | -200 |
| Jose Antonio Poli De Figueiredo                   | 43 | 432 | 3.28880476 | 819 | -387 |
| Marcela Hernández R                               | 38 | 583 | 3.27944215 | 820 | -237 |
| Roberto Farina                                    | 37 | 618 | 3.27700831 | 821 | -203 |
| Lesley Bergmeier                                  | 35 | 707 | 3.27613412 | 822 | -115 |
| Luiz Renato Paranhos                              | 34 | 755 | 3.26515705 | 823 | -68  |
| Mark Latta  | 49 | 314 | 3.2594518  | 824 | -510 |
| Francisco Wanderley Garcia Paula Silva            | 33 | 809 | 3.24408163 | 825 | -16  |
| Jj De Soet  | 46 | 366 | 3.23753086 | 826 | -460 |
| Manal A Awad                                      | 35 | 707 | 3.20616319 | 827 | -120 |
| Hong Tzong Yau                                    | 36 | 669 | 3.20524691 | 828 | -159 |
| David Manton                                      | 58 | 165 | 3.19739645 | 829 | -664 |
| Gerald McKenna                                    | 32 | 868 | 3.19375574 | 830 | 38   |
| Ana Lucia Machado                                 | 55 | 211 | 3.16993464 | 831 | -620 |
| Joel M White                                      | 40 | 519 | 3.16735537 | 832 | -313 |
| Osama Abu Hammad                                  | 30 | 973 | 3.16210938 | 833 | 140  |
| Luigi Checchi                                     | 36 | 669 | 3.15929705 | 834 | -165 |
| Paul Casamassimo                                  | 41 | 488 | 3.13660975 | 835 | -347 |
| Maria Do Carmo Matias Freire                      | 30 | 973 | 3.1221304  | 836 | 137  |
| Giulio Gavini                                     | 36 | 669 | 3.11496914 | 837 | -168 |
| Han Cheol Choe                                    | 37 | 618 | 3.10734072 | 838 | -220 |
| Milton Carlos Kuga                                | 32 | 868 | 3.10416667 | 839 | 29   |
| Adriano Loyola                                    | 37 | 618 | 3.10262346 | 840 | -222 |
| Tamar Brosh                                       | 37 | 618 | 3.1025     | 841 | -223 |
| Demetrios J. Halazonetis, Δημήτρης Ι. Χαλαζωνίτης | 36 | 669 | 3.078238   | 842 | -173 |
| Guilherme Elias Pessanha Henriques                | 32 | 868 | 3.06139438 | 843 | 25   |
| Eugenio Garcia                                    | 37 | 618 | 3.05305652 | 844 | -226 |
| Volnei Garrafa                                    | 47 | 350 | 3.05246914 | 845 | -495 |
| William R Abrams                                  | 60 | 151 | 3.04998564 | 846 | -695 |
| Hans Peter Müller                                 | 41 | 488 | 3.04975663 | 847 | -359 |
| Marcio Fernando De Moraes Grisi                   | 39 | 555 | 3.04705215 | 848 | -293 |
| Cinzia Maspero                                    | 32 | 868 | 3.03027344 | 849 | 19   |
| Ahmad S Al Hiyasat                                | 30 | 973 | 3.02441406 | 850 | 123  |
| Eino Honkala                                      | 44 | 409 | 3.01807851 | 851 | -442 |
| Michel Dard                                       | 53 | 236 | 3.01748971 | 852 | -616 |
| Leonardo Marchini                                 | 33 | 809 | 2.99755102 | 853 | -44  |
| Umberto Romeo                                     | 36 | 669 | 2.99707816 | 854 | -185 |
| Decio Dos Santos Pinto Jr                         | 38 | 583 | 2.94875346 | 855 | -272 |
| Kostas Tsiklakis                                  | 32 | 868 | 2.939375   | 856 | 12   |
| Sevil Çiftçi Gürkan                               | 37 | 618 | 2.93628809 | 857 | -239 |
| Luigi Gallo                                       | 38 | 583 | 2.93359632 | 858 | -275 |
| Yumiko Nagao                                      | 31 | 917 | 2.90796202 | 859 | 58   |
| Wael Att  | 56 | 196 | 2.90663602 | 860 | -664 |
| Michael Botelho                                   | 37 | 618 | 2.89473684 | 861 | -243 |
| Janicke L Jensen                                  | 34 | 755 | 2.8884083  | 862 | -107 |
| Giuseppe Corinaldesi                              | 34 | 755 | 2.8866782  | 863 | -108 |
| Wilson Roberto Poi                                | 32 | 868 | 2.87716263 | 864 | 4    |

|                                |    |     |            |     |      |
|--------------------------------|----|-----|------------|-----|------|
| Gaetane Leloup                 | 37 | 618 | 2.84890427 | 865 | -247 |
| Hans Zoellner                  | 31 | 917 | 2.84734694 | 866 | 51   |
| Sandra R. Torres               | 33 | 809 | 2.84556787 | 867 | -58  |
| Takafumi Kato                  | 44 | 409 | 2.83844953 | 868 | -459 |
| Anura Ariyawardana             | 30 | 973 | 2.83345508 | 869 | 104  |
| Jostein Grytten                | 38 | 583 | 2.83102493 | 870 | -287 |
| S Aída Borges Yáñez            | 35 | 707 | 2.82122449 | 871 | -164 |
| Claudio Poggio                 | 44 | 409 | 2.81689342 | 872 | -463 |
| Maria Da Luz Rosario De Sousa  | 45 | 389 | 2.80133278 | 873 | -484 |
| Anne Maguire                   | 33 | 809 | 2.79766253 | 874 | -65  |
| Ayşen Yarat                    | 33 | 809 | 2.78472222 | 875 | -66  |
| John T Grbic                   | 37 | 618 | 2.77664399 | 876 | -258 |
| Nikos Kotsanos                 | 31 | 917 | 2.73553719 | 877 | 40   |
| Alexandre Luiz Souto Borges    | 33 | 809 | 2.73372781 | 878 | -69  |
| Nelly Molina Frechero          | 33 | 809 | 2.70890725 | 879 | -70  |
| Arjen Van Wijk                 | 40 | 519 | 2.70375    | 880 | -361 |
| Tanaka Om                      | 33 | 809 | 2.68005844 | 882 | -73  |
| Rebecca Harris                 | 34 | 755 | 2.67180342 | 883 | -128 |
| Tayfun Aköz                    | 32 | 868 | 2.6712963  | 884 | -16  |
| Tetsu Takahashi                | 57 | 178 | 2.6689149  | 885 | -707 |
| Fusun Ozer                     | 32 | 868 | 2.65142857 | 886 | -18  |
| Eduardo Colombari              | 37 | 618 | 2.65135803 | 887 | -269 |
| Tania Mary Cestari             | 31 | 917 | 2.64941406 | 888 | 29   |
| Raphael Pilo                   | 37 | 618 | 2.64845863 | 889 | -271 |
| Luis Roberto Marcondes Martins | 41 | 488 | 2.62665406 | 890 | -402 |
| Lelia Batista De Souza         | 37 | 618 | 2.62345041 | 891 | -273 |
| Özkan Miloğlu                  | 32 | 868 | 2.5683391  | 892 | -24  |
| Åke Tegelberg                  | 31 | 917 | 2.5449233  | 893 | 24   |
| Pelin Güneri                   | 33 | 809 | 2.52739226 | 894 | -85  |
| Neil Hunter                    | 42 | 462 | 2.52513646 | 895 | -433 |
| Peter James Thomson            | 43 | 432 | 2.50865052 | 896 | -464 |
| Luciane Rezende Costa          | 33 | 809 | 2.50694444 | 897 | -88  |
| Cristiane Baccin Bendo         | 30 | 973 | 2.48302469 | 898 | 75   |
| Eduardo Nunes                  | 30 | 973 | 2.47368421 | 899 | 74   |
| Giulio Alessandri Bonetti      | 34 | 755 | 2.44049967 | 900 | -145 |
| Susan Friedman                 | 33 | 809 | 2.4272     | 901 | -92  |
| Cristiane Yumi Koga Ito        | 41 | 488 | 2.42315702 | 902 | -414 |
| Idelmo Rangel Garcia Junior    | 37 | 618 | 2.42130882 | 903 | -285 |
| Fernanda Garcia                | 31 | 917 | 2.38811728 | 904 | 13   |
| Vivek Aggarwal                 | 31 | 917 | 2.38365651 | 905 | 12   |
| Ricardo Faria Ribeiro          | 40 | 519 | 2.37996219 | 906 | -387 |
| Vicente A Torres               | 31 | 917 | 2.379375   | 907 | 10   |
| José Flávio Affonso Almeida    | 40 | 519 | 2.35281065 | 908 | -389 |
| Marco Colombo                  | 38 | 583 | 2.34349031 | 909 | -326 |
| Roberta Tarkany Basting        | 40 | 519 | 2.34060651 | 910 | -391 |
| Sakellari Dimitra              | 31 | 917 | 2.32175926 | 911 | 6    |
| Ahed Al Wahadni                | 31 | 917 | 2.3082542  | 912 | 5    |
| Elismauro Francisco Mendonca   | 32 | 868 | 2.296875   | 913 | -45  |
| Yun Sook Kim                   | 33 | 809 | 2.29235537 | 914 | -105 |
| Faleh Sawair                   | 32 | 868 | 2.29155125 | 915 | -47  |
| Jefferson Pereira              | 35 | 707 | 2.28994083 | 916 | -209 |
| Simonides Consani              | 47 | 350 | 2.24553571 | 917 | -567 |
| Che Husna Azhari               | 33 | 809 | 2.23800132 | 918 | -109 |
| Ayman Ahmed                    | 39 | 555 | 2.23593964 | 919 | -364 |
| Rafael Leonardo Xediek Consani | 37 | 618 | 2.23140496 | 920 | -302 |
| Farzaneh Ahrari                | 35 | 707 | 2.21893491 | 921 | -214 |
| Alvaro Borges                  | 30 | 973 | 2.21814404 | 922 | 51   |
| Willie Van Heerden             | 30 | 973 | 2.20679012 | 923 | 50   |



|   |    |     |            |     |      |
|---|----|-----|------------|-----|------|
| Gao Xiaoli                              | 30 | 973 | 2.20637119 | 924 | 49   |
| Farzaneh Agha-Hosseini                  | 31 | 917 | 2.19576333 | 925 | -8   |
| Ourania Nicolatou Galitis               | 31 | 917 | 2.18383743 | 926 | -9   |
| Lindsay Richards                        | 42 | 462 | 2.1724     | 927 | -465 |
| Valdir Gouveia Garcia                   | 41 | 488 | 2.16451479 | 928 | -440 |
| Keiichiro Nishida                       | 44 | 409 | 2.15758695 | 929 | -520 |
| Arnaldo Pinzan                          | 35 | 707 | 2.14074074 | 930 | -223 |
| Stefan Ruhl                             | 32 | 868 | 2.12563915 | 931 | -63  |
| Philip Benson                           | 40 | 519 | 2.11362608 | 932 | -413 |
| Larry Bellinger Regents                 | 38 | 583 | 2.11226451 | 933 | -350 |
| Luiz Antonio Salata                     | 31 | 917 | 2.07231556 | 934 | -17  |
| Maria Fidela Navarro                    | 43 | 432 | 2.07015306 | 935 | -503 |
| Renata Pascotto                         | 31 | 917 | 2.06574142 | 936 | -19  |
| Matheus Melo Pithon                     | 41 | 488 | 2.01950413 | 937 | -449 |
| Alan Roger Santos Silva                 | 42 | 462 | 2.01388889 | 938 | -476 |
| Anamika Sharma                          | 44 | 409 | 2.00897959 | 939 | -530 |
| Igor Yu. Lebedenko Игорь Юльевич Лебеде | 30 | 973 | 2.00730488 | 940 | 33   |
| Pauline Ford                            | 37 | 618 | 2.00147929 | 941 | -323 |
| Yuji Sato                               | 37 | 618 | 1.99231065 | 942 | -324 |
| José Roberto Rodrigues                  | 36 | 669 | 1.96347559 | 943 | -274 |
| Cláudio Antonio Talge Carvalho          | 33 | 809 | 1.95657347 | 944 | -135 |
| Marcelo Gp Cavalcanti                   | 40 | 519 | 1.95626822 | 945 | -426 |
| Kazuyuki Ishihara                       | 58 | 165 | 1.95580716 | 946 | -781 |
| Jonas Rodrigues                         | 33 | 809 | 1.92861006 | 947 | -138 |
| Flávio Alves                            | 32 | 868 | 1.91295294 | 948 | -80  |
| Joao Paulo Mendes Tribst                | 31 | 917 | 1.91269841 | 949 | -32  |
| Eloi Dezan Junior                       | 35 | 707 | 1.88921283 | 950 | -243 |
| Maureen Stone                           | 46 | 366 | 1.87704712 | 951 | -585 |
| Luca Lombardo                           | 39 | 555 | 1.86909091 | 952 | -397 |
| Giselle Maria Marchi                    | 33 | 809 | 1.86238117 | 953 | -144 |
| Yehya Mostafa                           | 31 | 917 | 1.85667929 | 954 | -37  |
| Juan Pablo Loyola-Rodriguez             | 39 | 555 | 1.85069444 | 955 | -400 |
| Patricia Smith                          | 43 | 432 | 1.79667063 | 956 | -524 |
| Esa Klemetti                            | 30 | 973 | 1.77316417 | 957 | 16   |
| Roger Zwahlen                           | 45 | 389 | 1.75669422 | 958 | -569 |
| Rita Cordeiro                           | 34 | 755 | 1.75       | 959 | -204 |
| Deborah Queiroz Freitas                 | 37 | 618 | 1.73164168 | 960 | -342 |
| Efigênia Ferreira E Ferreira            | 45 | 389 | 1.68944637 | 961 | -572 |
| Sônia Regina Panzarini                  | 32 | 868 | 1.68352171 | 962 | -94  |
| Ramon Eduardo Fuentes Fernandez         | 33 | 809 | 1.68346522 | 963 | -154 |
| Marcus Vinicius Reis Só                 | 37 | 618 | 1.64821223 | 964 | -346 |
| Goran Pichler                           | 31 | 917 | 1.64201183 | 965 | -48  |
| Yorimasa Ogata                          | 39 | 555 | 1.63807398 | 966 | -411 |
| André Luis Faria E Silva                | 36 | 669 | 1.61514802 | 967 | -298 |
| Joao Batista Cesar Neto                 | 33 | 809 | 1.59978367 | 968 | -159 |
| Alexandra Sklavounou                    | 31 | 917 | 1.59653867 | 969 | -52  |
| Takashi Ono                             | 42 | 462 | 1.59510204 | 970 | -508 |
| John W. Nicholson                       | 53 | 236 | 1.55624662 | 971 | -735 |
| Claudia Magalhães                       | 31 | 917 | 1.554375   | 972 | -55  |
| Raquel Conceição Ferreira               | 35 | 707 | 1.53221787 | 973 | -266 |
| Peter Gaengler                          | 32 | 868 | 1.52323792 | 974 | -106 |
| Frank Catalanotto                       | 38 | 583 | 1.51849112 | 975 | -392 |
| Silva RF                                | 33 | 809 | 1.51603306 | 976 | -167 |
| Rodrigo Othavio Assuncao Souza          | 32 | 868 | 1.50390625 | 977 | -109 |
| Rios-Santos, JV                         | 37 | 618 | 1.47002551 | 978 | -360 |
| Kazuyoshi Baba                          | 51 | 276 | 1.40805396 | 979 | -703 |
| Antonio Carlos Pereira                  | 52 | 253 | 1.40359654 | 980 | -727 |
| Taku Fujiwara                           | 42 | 462 | 1.38548753 | 981 | -519 |

|                                    |    |     |            |      |      |
|------------------------------------|----|-----|------------|------|------|
| Gary R Goldstein                   | 33 | 809 | 1.38056248 | 982  | -173 |
| Idomeo Bonetti Filho               | 30 | 973 | 1.369375   | 983  | -10  |
| Lucio Souza Gonçalves              | 31 | 917 | 1.32819659 | 984  | -67  |
| Ronald G Craig                     | 35 | 707 | 1.32713499 | 985  | -278 |
| Koji Kamagata                      | 40 | 519 | 1.32       | 986  | -467 |
| Suarez Garcia Maria Jesus          | 32 | 868 | 1.1492767  | 987  | -119 |
| Il Sung Jang                       | 30 | 973 | 1.14340638 | 988  | -15  |
| José Mondelli                      | 33 | 809 | 1.14120095 | 989  | -180 |
| Vivien Sakai                       | 37 | 618 | 1.14111111 | 990  | -372 |
| Michael W Roberts                  | 34 | 755 | 1.12851197 | 991  | -236 |
| Efthymia Kitraki                   | 30 | 973 | 1.10841984 | 992  | -19  |
| Mehrdad Lotfi                      | 38 | 583 | 1.09738581 | 993  | -410 |
| David Johnsen                      | 30 | 973 | 1.08919646 | 994  | -21  |
| Donald A Curtis                    | 37 | 618 | 1.08833333 | 995  | -377 |
| David A Nash                       | 30 | 973 | 1.07727797 | 996  | -23  |
| Clemencia M Vargas                 | 30 | 973 | 1.0625     | 997  | -24  |
| Chukwudi Onyeaso                   | 30 | 973 | 1.02191465 | 998  | -25  |
| Eduardo Passos Rocha               | 34 | 755 | 1.00045914 | 999  | -244 |
| Alma Rosa Rojas Garcia             | 34 | 755 | 0.9693287  | 1000 | -245 |
| Lucas Garcia                       | 34 | 755 | 0.96522993 | 1001 | -246 |
| Tomohiro Yamada                    | 33 | 809 | 0.94147987 | 1002 | -193 |
| Shinichi Abe                       | 34 | 755 | 0.92534722 | 1003 | -248 |
| Javier Enrique Botero Torres       | 30 | 973 | 0.9217128  | 1004 | -31  |
| Paul Anderson                      | 36 | 669 | 0.87841797 | 1005 | -336 |
| Eric Everett                       | 35 | 707 | 0.86958154 | 1006 | -299 |
| Manoel Santana Filho               | 33 | 809 | 0.85058594 | 1007 | -198 |
| Jorge Esquiche León                | 31 | 917 | 0.84310019 | 1008 | -91  |
| Dhoom Singh Mehta                  | 35 | 707 | 0.83774539 | 1009 | -302 |
| WP Holbrook                        | 41 | 488 | 0.79421433 | 1010 | -522 |
| Wei Shao Lin                       | 30 | 973 | 0.73797366 | 1011 | -38  |
| Qian Wang                          | 30 | 973 | 0.71474913 | 1012 | -39  |
| Éricka Janine Dantas Da Silveira   | 30 | 973 | 0.70588235 | 1013 | -40  |
| Allyson Nogueira Moreira           | 32 | 868 | 0.70361578 | 1014 | -146 |
| Marcelo Suzuki                     | 42 | 462 | 0.69799227 | 1015 | -553 |
| Alessandro Antonio Costa Pereira   | 34 | 755 | 0.67471591 | 1016 | -261 |
| Carlos Rocha Gomes Torres          | 43 | 432 | 0.67310774 | 1017 | -585 |
| Yasumasa KATO                      | 33 | 809 | 0.64812612 | 1018 | -209 |
| Aline Evangelista De Souza Gabriel | 30 | 973 | 0.60640138 | 1019 | -46  |
| Evanthia Lalla                     | 52 | 253 | 0.21863566 | 1020 | -767 |