|          | ICFP10 | ICFP11 | ICFP12 | ICFP13 | ICFP14 | ICFP15 | ICFP16 | ICFP17 | ICFP18 | PLD19 | PLD113 | PLDI14 | PLD115 | PLDI16 | PLDI17 | PLDI18 | POPL9 | POPL11 | POPL12 | POPL13 | POPL14 | POPL15 | POPL16 | POPL17 | POPL18 | SPLASH9 | SPLASH10 | SPLASH12 | SPLASH13 | SPLASH14 | SPLASH15 | SPLASH16 | SPLASH17 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|----------|----------|----------|----------|----------|----------|----------|
| ICFP10   | 335    | 80     | 101    | 107    | 83     | 69     | 59     | 71     | 52     | 10    | 13     | 13     | 18     | 10     | 20     | 18     | 58    | 55     | 76     | 51     | 55     | 15     | 47     | 44     | 40     | 14      | 12       | 13       | 13       | 13       | 13       | 11       | 12       |
| ICFP11   |        | 335    | 105    | 82     | 61     | 60     | 88     | 62     | 42     | 5     | 15     | 14     | 16     | 12     | 17     | 6      | 45    | 40     | 45     | 54     | 50     | 20     | 34     | 41     | 37     | 8       | 10       | 5        | 12       | 8        | 10       | 9        | 11       |
| ICFP12   |        |        | 481    | 140    | 149    | 104    | 89     | 111    | 71     | 5     | 14     | 21     | 19     | 12     | 22     | 19     | 48    | 50     | 76     | 63     | 68     | 21     | 45     | 57     | 42     | 11      | 13       | 9        | 8        | 17       | 18       | 15       | 16       |
| ICFP13   |        |        |        | 505    | 142    | 138    | 103    | 122    | 101    | 11    | 24     | 26     | 33     | 23     | 39     | 35     | 57    | 56     | 109    | 85     | 100    | 37     | 81     | 75     | 70     | 12      | 14       | 15       | 14       | 22       | 24       | 20       | 25       |
| ICFP14   |        |        |        |        | 483    | 141    | 106    | 137    | 80     | 7     | 14     | 20     | 20     | 12     | 25     | 17     | 36    | 31     | 52     | 51     | 60     | 20     | 44     | 60     | 37     | 3       | 10       | 6        | 9        | 12       | 14       | 14       | 11       |
| ICFP15   |        |        |        |        |        | 439    | 135    | 146    | 108    | 4     | 15     | 17     | 21     | 17     | 32     | 31     | 36    | 29     | 51     | 44     | 62     | 27     | 64     | 69     | 54     | 5       | 12       | 8        | 14       | 17       | 20       | 14       | 26       |
| ICFP16   |        |        |        |        |        |        | 528    | 179    | 112    | 2     | 11     | 16     | 16     | 14     | 39     | 23     | 43    | 26     | 46     | 55     | 55     | 23     | 56     | 71     | 53     | 4       | 13       | 8        | 9        | 13       | 19       | 19       | 26       |
| ICFP17   |        |        |        |        |        |        |        | 592    | 135    | 6     | 15     | 20     | 21     | 14     | 34     | 28     | 38    | 27     | 55     | 58     | 72     | 25     | 68     | 89     | 79     | 8       | 11       | 10       | 11       | 12       | 21       | 18       | 20       |
| ICFP18   |        |        |        |        |        |        |        |        | 487    | 4     | 14     | 19     | 30     | 26     | 45     | 35     | 35    | 26     | 53     | 43     | 65     | 22     | 77     | 66     | 74     | 8       | 16       | 16       | 17       | 20       | 28       | 32       | 40       |
| PLDI9    |        |        |        |        |        |        |        |        |        | 254   | 59     | 39     | 51     | 33     | 30     | 31     | 23    | 38     | 35     | 19     | 18     | 10     | 17     | 14     | 17     | 23      | 24       | 26       | 28       | 29       | 25       | 23       | 32       |
| PLDI13   |        |        |        |        |        |        |        |        |        |       | 467    | 108    | 127    | 90     | 78     | 72     | 33    | 65     | 74     | 54     | 73     | 37     | 54     | 39     | 54     | 23      | 35       | 49       | 61       | 57       | 51       | 43       | 58       |
| PLDI14   |        |        |        |        |        |        |        |        |        |       |        | 427    | 117    | 97     | 72     | 71     | 35    | 47     | 60     | 50     | 68     | 31     | 47     | 35     | 40     | 21      | 23       | 31       | 49       | 46       | 40       | 38       | 58       |
| PLDI15   |        |        |        |        |        |        |        |        |        |       |        |        | 465    | 130    | 90     | 88     | 34    | 51     | 61     | 48     | 76     | 31     | 62     | 47     | 67     | 25      | 38       | 46       | 75       | 72       | 70       | 68       | 67       |
| PLDI16   |        |        |        |        |        |        |        |        |        |       |        |        |        | 438    | 81     | 106    | 28    | 52     | 46     | 34     | 64     | 29     | 56     | 35     | 63     | 22      | 23       | 35       | 48       | 52       | 49       | 35       | 71       |
| PLDI17   |        |        |        |        |        |        |        |        |        |       |        |        |        |        | 495    | 75     | 32    | 45     | 62     | 49     | 62     | 35     | 64     | 61     | 61     | 31      | 32       | 43       | 59       | 43       | 71       | 71       | 74       |
| PLDI18   |        |        |        |        |        |        |        |        |        |       |        |        |        |        |        | 468    | 32    | 46     | 64     | 34     | 62     | 37     | 67     | 60     | 68     | 18      | 21       | 31       | 38       | 43       | 45       | 33       | 53       |
| POPL9    |        |        |        |        |        |        |        |        |        |       |        |        |        |        |        |        | 331   | 94     | 101    | 74     | 87     | 29     | 65     | 64     | 58     | 17      | 17       | 15       | 22       | 14       | 12       | 10       | 16       |
| POPL11   |        |        |        |        |        |        |        |        |        |       |        |        |        |        |        |        |       | 401    | 150    | 100    | 103    | 39     | 78     | 72     | 77     | 23      | 21       | 29       | 30       | 31       | 27       | 18       | 32       |
| POPL12   |        |        |        |        |        |        |        |        |        |       |        |        |        |        |        |        |       |        | 536    | 129    | 147    | 60     | 108    | 101    | 98     | 23      | 27       | 35       | 36       | 39       | 35       | 25       | 42       |
| POPL13   |        |        |        |        |        |        |        |        |        |       |        |        |        |        |        |        |       |        |        | 540    | 152    | 83     | 97     | 124    | 91     | 7       | 14       | 23       | 31       | 29       | 33       | 26       | 34       |
| POPL14   |        |        |        |        |        |        |        |        |        |       |        |        |        |        |        |        |       |        |        |        | 533    | 90     | 137    | 132    | 137    | 16      | 13       | 33       | 37       | 41       | 40       | 31       | 42       |
| POPL15   |        |        |        |        |        |        |        |        |        |       |        |        |        |        |        |        |       |        |        |        |        | 463    | 74     | 75     | 81     | 5       | 2        | 10       | 18       | 18       | 15       | 19       | 17       |
| POPL16   |        |        |        |        |        |        |        |        |        |       |        |        |        |        |        |        |       |        |        |        |        |        | 488    | 146    | 156    | 7       | 12       | 24       | 33       | 28       | 38       | 32       | 44       |
| POPL17   |        |        |        |        |        |        |        |        |        |       |        |        |        |        |        |        |       |        |        |        |        |        |        | 719    | 151    | 7       | 14       | 18       | 26       | 24       | 29       | 31       | 38       |
| POPL18   |        |        |        |        |        |        |        |        |        |       |        |        |        |        |        |        |       |        |        |        |        |        |        |        | 575    | 6       | 11       | 15       | 21       | 23       | 32       | 28       | 35       |
| SPLASH9  |        |        |        |        |        |        |        |        |        |       |        |        |        |        |        |        |       |        |        |        |        |        |        |        |        | 709     | 140      | 82       | 81       | 66       | 68       | 38       | 45       |
| SPLASH10 |        |        |        |        |        |        |        |        |        |       |        |        |        |        |        |        |       |        |        |        |        |        |        |        |        |         | 566      | 100      | 97       | 85       | 89       | 60       | 67       |
| SPLASH12 |        |        |        |        |        |        |        |        |        |       |        |        |        |        |        |        |       |        |        |        |        |        |        |        |        |         |          | 434      | 113      | 93       | 94       | 54       | 82       |
| SPLASH13 |        |        |        |        |        |        |        |        |        |       |        |        |        |        |        |        |       |        |        |        |        |        |        |        |        |         |          |          | 606      | 122      | 126      | 92       | 96       |
| SPLASH14 |        |        |        |        |        |        |        |        |        |       |        |        |        |        |        |        |       |        |        |        |        |        |        |        |        |         |          |          |          | 491      | 127      | 82       | 96       |
| SPLASH15 |        |        |        |        |        |        |        |        |        |       |        |        |        |        |        |        |       |        |        |        |        |        |        |        |        |         |          |          |          |          | 611      | 127      | 128      |
| SPLASH16 |        |        |        |        |        |        |        |        |        |       |        |        |        |        |        |        |       |        |        |        |        |        |        |        |        |         |          |          |          |          |          | 584      | 116      |
| SPLASH17 |        |        |        |        |        |        |        |        |        |       |        |        |        |        |        |        |       |        |        |        |        |        |        |        |        |         |          |          |          |          |          |          | 582      |