

*1 前回集計順位

月間最高アクセス

先月2000以上アクセス

最新ではなくて12ヵ月計で1万を超えるもの、ロングセラー

| セッション | 所属 | 名前 | 12ヵ月合計 | *1 | 2017年 | | | | | | | | | | | | 2018年 | | | | web page |
|----------------|----------|-------|------------------|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|--|--|--|----------|
| | | | | | 5月 | 6月 | 7月 | 8月 | 9月 | 10月 | 11月 | 12月 | 1月 | 2月 | 3月 | 4月 | | | | | |
| | | | 2,313,401 | | 158,298 | 680,161 | 209,365 | 120,114 | 117,618 | 183,484 | 122,447 | 186,577 | 139,701 | 100,626 | 116,659 | 178,351 | | | | | |
| 2017J UAV1 | コイシ | こいし小町 | 1 326,445 | 2 | | 279042 | 8808 | 3632 | 12688 | 2009 | 8298 | 2505 | 236 | 3649 | 3682 | 1896 | http://www.sparj.com/SparJ/Spar2017J/speaker/koishi.pdf | | | | |
| UAV15 | 国際 | 村木U15 | 2 292,133 | 1 | 39,729 | 43,338 | 20,092 | 21,329 | 18,507 | 28,125 | 23,972 | 29,695 | 18,177 | 17,933 | 15,329 | 15,907 | http://www.sparj.com/UAVapp/UAVapp2015/speakers/MurakiUAVapp2015.pdf | | | | |
| 2017J UAV1 | コイシ2 | こいし小町 | 3 201,597 | 3 | | 138,757 | 20,957 | 3,606 | 3,865 | 5,826 | 442 | 5,774 | 1,434 | 5,477 | 2,472 | 12,987 | http://www.sparj.com/SparJ/Spar2017J/speaker/koishi2.pdf | | | | |
| 2017J 新技術 | WoodInfo | 中村 | 4 151,069 | 4 | 2,849 | 12,441 | 7,778 | 7,193 | 8,311 | 10,753 | 10,317 | 10,430 | 46,495 | 9,294 | 14,363 | 10,845 | http://www.sparj.com/SparJ/Spar2017J/speaker/nakamura.pdf | | | | |
| 2015J | リーグル | | 5 121,715 | 5 | 29,270 | 12,582 | 12,591 | 13,664 | 8,801 | 4,197 | 6,323 | 10,053 | 6,238 | 6,479 | 8,477 | 3,040 | http://www.sparj.com/SPAR2015J/speaker/TsRiegl.pdf | | | | |
| 2017J フラント | 旭化成 | 藤澤 | 6 85,371 | 6 | | 57,897 | 14,526 | 1,661 | 1,010 | 2,041 | 900 | 1,862 | 1,115 | 910 | 1,340 | 2,109 | http://www.sparj.com/SparJ/Spar2017J/speaker/fujisawa2.pdf | | | | |
| 2013J 基調 | 奈良科技大 | 横矢 | 7 66,889 | 7 | 2,458 | 1,584 | 167 | 24 | 552 | 216 | 28 | 56,299 | 3,240 | 61 | 2,237 | 23 | http://www.sparj.com/SparJ/Spar2013J/speaker_pdf/yokoya.pdf | | | | |
| 2018JapanDr | 日本国土開発 | 佐野 | 8 48,546 | | | | | | | | | | | | | 48,546 | http://www.sparj.com/JapanDrone/2018/UAV2018sano.pdf | | | | |
| 2014J 移動 | パスコ | 坂下 | 9 47,601 | 8 | 6,016 | 6,040 | 6,216 | 4,469 | 5,081 | 3,264 | 3,688 | 2,440 | 2,803 | 2,825 | 2,450 | 2,309 | http://www.sparj.com/SparJ/Spar2014J/speaker2014J/Sakashita4.pdf | | | | |
| 2017JUIDA | 伊那ドローン | | 10 38,820 | 9 | | 12,034 | 24,680 | 419 | 765 | 325 | 19 | 135 | 230 | 10 | 182 | 21 | http://www.sparj.com/report/InaDrone1.pdf | | | | |
| 2017J | FTR | | 11 35,928 | 10 | | | | | 182 | 2,665 | 1,544 | 2,172 | 1,162 | 866 | 2,809 | 528 | http://www.sparj.com/SparJ/Spar2017J/sponsor/FTR.pdf | | | | |
| SPARJ hp | ルート | | 12 34,627 | 11 | 4,342 | 4,971 | 2,144 | 2,555 | 2,449 | 2,209 | 2,579 | 2,588 | 2,344 | 2,273 | 2,850 | 3,323 | http://www.sparj.com/ | | | | |
| 2009J 建設 | 八千代E | 島田 | 13 32,842 | 12 | 2,932 | 3,906 | 5,863 | 2,656 | 3,207 | 1,919 | 2,481 | 1,362 | 1,327 | 1,942 | 1,965 | 3,282 | http://www.sparj.com/SparJ/Spar2009J/Shimada.pdf | | | | |
| 2017J | Riegl | | 14 25,235 | 14 | | | | | | 2,0749 | 537 | 170 | 1,135 | 1,089 | 380 | 1175 | http://www.sparj.com/SparJ/Spar2017J/sponsor/Riegl.pdf | | | | |
| 2015J UAV | ルーチェ | 渡辺U15 | 15 25,223 | 13 | 2,121 | 4,427 | 2,923 | 1,979 | 3,992 | 2,565 | 972 | 61 | 3,099 | 980 | 1,988 | 116 | http://www.sparj.com/SPAR2015J/speaker/A6watanabe.pdf | | | | |
| UAV16 | 国際 | 村木U16 | 16 23,737 | 16 | 1,951 | 2,273 | 1,792 | 1,998 | 2,065 | 1,931 | 1,898 | 1,542 | 1,665 | 1,967 | 2,644 | 2,011 | http://www.sparj.com/UAVapp/UAV2016/speakers/MurakiUAV2016.pdf | | | | |
| 2017J | Gexcel | | 17 22,314 | 17 | | | 13,286 | 93 | 409 | 7,754 | 198 | 348 | 184 | 35 | 2 | 5 | http://www.sparj.com/SparJ/Spar2017J/sponsor/Gexcel.pdf | | | | |
| 2017J 基調 | 青山学院 | 古橋 | 18 21,358 | 19 | 3,124 | 13,140 | 2,767 | 590 | 646 | 11 | 13 | 372 | 7 | 1 | 4 | 683 | http://www.sparj.com/SparJ/Spar2017J/speaker/furuhashi.pdf | | | | |
| UAV16 | 建技研 | 荒牧 | 19 20,068 | 15 | 638 | 3,758 | 3,161 | 1,305 | 1,173 | 3,003 | 2,125 | 3,108 | 146 | 1,025 | 509 | 117 | http://www.sparj.com/UAVapp/UAV2016/speakers/AramakiUAV2016.pdf | | | | |
| 2008J | シスプロ | | 20 19,606 | 20 | 1,292 | 2,990 | 451 | 1,962 | 2,399 | 1,159 | 1,960 | 1,170 | 255 | 951 | 2,093 | 2,924 | http://www.sparj.com/SparJ/Spar2008J/TechnicalSession/Syspro1.pdf | | | | |
| 2016J 建築 | 大成建設 | 田中 | 21 19,586 | 18 | 2,368 | 1,784 | 2,315 | 2,113 | 933 | 1,000 | 1,198 | 672 | 853 | 3,179 | 2,492 | 679 | http://www.sparj.com/SparJ/Spar2016J/speakers/tanaka.pdf | | | | |
| 2010J 基調 | 北大 | 金井 | 22 19,483 | 21 | 1,577 | 1,611 | 3,893 | 2,554 | 1,588 | 1,181 | 959 | 1,587 | 794 | 937 | 568 | 2,234 | http://www.sparj.com/SparJ/Spar2010J/speakerDoc/KanaiDoc1.pdf | | | | |
| 2016P | 高橋システム | 高橋 | 23 19,407 | 22 | 1,095 | 2,330 | 1,836 | 1,783 | 1,195 | 1,370 | 2,025 | 1,315 | 1,304 | 1,569 | 1,388 | 2,197 | http://www.sparj.com/SPARP/SPAR2016P/presen/k4Takahash | | | | |
| 2017J | OPT | | 24 15,975 | 24 | | | | | 229 | 7,603 | 874 | 836 | 890 | 952 | 3,099 | 1,492 | http://www.sparj.com/SparJ/Spar2017J/sponsor/OPT.pdf | | | | |
| 2013J 展示 | | | 25 15,299 | 23 | 1,706 | 2,176 | 1,850 | 2,320 | 931 | 984 | 779 | 841 | 577 | 1,030 | 1,461 | 644 | http://www.sparj.com/SparJ/Spar2013J/exhibit.pdf | | | | |
| 2011J 移動 | アスコ | 番匠 | 26 13,072 | 25 | 2,359 | 1,124 | 406 | 921 | 658 | 1,614 | 300 | 490 | 159 | 1,819 | 1,932 | 1,290 | http://www.sparj.com/SparJ/Spar2011J/speaker/banjo.pdf | | | | |
| 2011J 学会 | 北大 | 金井 | 27 10,258 | 56 | 51 | 1,011 | 100 | 66 | 77 | 995 | 90 | 790 | 22 | 358 | 44 | 6,654 | http://www.sparj.com/SparJ/Spar2011J/speaker/kanai.pdf | | | | |
| 2009J 移動 | 三菱電機 | 瀧口 | 28 10,193 | 30 | 247 | 1,471 | 984 | 2,319 | 398 | 269 | 264 | 325 | 542 | 1,625 | 478 | 1,271 | http://www.sparj.com/SparJ/Spar2009J/Takiguchi.pdf | | | | |
| SV15(22)AI CAD | | | 29 9,909 | 28 | | 9,020 | 108 | 61 | 89 | 182 | 168 | 66 | 129 | 11 | 60 | 15 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(22)AI_CAD.pdf | | | | |
| 2013J 建築 | 新菱 | 酒本 | 30 9,545 | 26 | 1,769 | 776 | 1,070 | 430 | 1,346 | 638 | 712 | 326 | 140 | 1,193 | 663 | 482 | http://www.sparj.com/SparJ/Spar2013J/speaker_pdf/sakamoto | | | | |
| UAV16 | ルーチェサーチ | 渡辺U16 | 31 9,537 | 29 | 2,666 | 1,192 | 2,459 | 88 | 52 | 54 | 497 | 507 | 644 | 15 | 885 | 478 | http://www.sparj.com/UAVapp/UAV2016/speakers/WatanabeUAV2016.pdf | | | | |
| 2011J 建築 | 前田建 | 南 | 32 9,339 | 27 | 956 | 1,191 | 666 | 1,370 | 834 | 1,681 | 1,240 | 871 | 71 | 68 | 110 | 281 | http://www.sparj.com/SparJ/Spar2011J/speaker/minami.pdf | | | | |
| | | | 33 9,062 | 31 | | | | | | | | 1,140 | 7,069 | 16 | 603 | 234 | http://www.sparj.com/SPARP/SPAR2017P/SPAR2017Penquetf | | | | |
| | | | 34 8,255 | 33 | | | | | | | | 3,392 | 2,775 | 416 | 566 | 519 | http://www.sparj.com/SPARP/SPAR2017P/speakers/SPAR201 | | | | |
| | | | 35 6,961 | 32 | 1,882 | 2,884 | 449 | 209 | 231 | 388 | 289 | 202 | 98 | 99 | 124 | 106 | http://www.sparj.com/SparJ/Spar2017J/program.pdf | | | | |
| 2012J 建築 | 鹿島 | 矢島 | 36 6,814 | 34 | 1,136 | 1,110 | 481 | 356 | 617 | 747 | 306 | 53 | 314 | 373 | 48 | 1,273 | http://www.sparj.com/SparJ/Spar2012J/speakerPDF/Yajima.pdf | | | | |
| 2017J UAV1 | 建設システム | 鈴木 | 37 6,651 | 35 | 470 | 3,433 | 676 | 463 | 642 | 5 | 284 | 270 | 3 | 7 | 157 | 241 | http://www.sparj.com/SparJ/Spar2017J/speaker/suzukiJ.pdf | | | | |
| 2015J | AVEVA | | 38 6,381 | 37 | 362 | 381 | 1,274 | 577 | 36 | 1,465 | 876 | 798 | 32 | 25 | 19 | 536 | http://www.sparj.com/SPAR2015J/speaker/TsAVEVA.pdf | | | | |
| | | | 39 6,306 | 36 | | | | | | | 5,831 | 235 | 78 | 62 | 42 | 58 | http://www.sparj.com/event/ARIDAympo20171122.pdf | | | | |
| | | | 40 6,164 | 43 | 150 | 431 | 150 | 246 | 368 | 645 | 745 | 447 | 482 | 934 | 777 | 789 | http://www.sparj.com/SparJ/Spar2017J/speaker/muraki.pdf | | | | |
| SV14(04)VTOL | | | 41 6,087 | 41 | 224 | 240 | 489 | 553 | 540 | 619 | 525 | 506 | 604 | 542 | 616 | 629 | http://www.sparj.com/SVJabst/SVabst(14)/SparViewVol14(04)VTOL.pdf | | | | |
| 2015J 土木 | ハヤテ | 北条 | 42 6,047 | 38 | 1,138 | 274 | 111 | 1,136 | 154 | 78 | 317 | 54 | 2,688 | 31 | 33 | 33 | http://www.sparj.com/SPAR2015J/speaker/A5hojo.pdf | | | | |
| 2017J文化財 | アイテック | 田子 | 43 5,708 | 44 | | 3,842 | 581 | 82 | 136 | 293 | 24 | 39 | 16 | 250 | 28 | 417 | http://www.sparj.com/SparJ/Spar2017J/speaker/tago2.pdf | | | | |
| | | | 44 5,668 | 40 | | | | | | | | 5,388 | 56 | 123 | 97 | 4 | http://www.sparj.com/event/JapanDrone2018Guide.pdf | | | | |
| 2015J 建築 | 竹中 | 染谷 | 45 5,264 | 42 | 510 | 686 | 469 | 457 | 516 | 543 | 321 | 326 | 317 | 354 | 391 | 374 | http://www.sparj.com/SPAR2015J/speaker/A2someya.pdf | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|----------|----|----|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|------|------|-----|-----|-----|-------|---|
| SV15(47)DJJsecurity | | | 46 | 5,210 | 48 | | | | | | | | | | | | 2328 | 2106 | 368 | 106 | 160 | 142 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(47)C |
| | | | 47 | 5,209 | 46 | | | | | 101 | 4,883 | 115 | 6 | 5 | 3 | 92 | | | | | | 4 | http://www.sparj.com/event/PostKei6Sympto.pdf |
| 2016P | 新興フロンテック | 齋藤 | 48 | 4,913 | 49 | 405 | 987 | 554 | 170 | 191 | 196 | 447 | 730 | 14 | 498 | 289 | | | | | | 432 | http://www.sparj.com/SPARP/SPAR2016P/presen/k1Saitou.pdf |
| | | | 49 | 4,881 | 51 | | | | | | | 2,139 | 2,102 | 152 | 112 | 171 | | | | | | 205 | http://www.sparj.com/SPARP/SPAR2017P/speakers/SPAR201 |
| 2014J 基調 | 千葉大 | 野波 | 50 | 4,880 | 39 | 78 | 275 | 102 | 1,012 | 879 | 60 | 427 | 484 | 29 | 35 | 1,474 | | | | | | 25 | http://www.sparj.com/SparJ/Spar2014J/speaker2014J/Nonami6.pdf |
| | | | 51 | 4,643 | 47 | 1,229 | 1,921 | 255 | 179 | 153 | 302 | 125 | 160 | 77 | 72 | 83 | | | | | | 87 | http://www.sparj.com/SparJ/Spar2017J/chirasi1.pdf |
| UAV15 | 大阪経大 | 中村 | 52 | 4,506 | 50 | 799 | 98 | 248 | 231 | 425 | 44 | 661 | 241 | 552 | 280 | 549 | | | | | | 378 | http://www.sparj.com/UAVapp/UAVapp2015/speakers/NakamuraUAVapp2015.r |
| 2013J 新技術 | 共栄測量 | 松林 | 53 | 3,932 | 55 | 191 | 210 | 433 | 683 | 434 | 488 | 137 | 132 | 411 | 51 | 267 | | | | | | 495 | http://www.sparj.com/SparJ/Spar2013J/speaker_pdf/matsubayashi.pdf |
| | | | 54 | 3,835 | 54 | 477 | 1661 | 128 | 39 | 51 | 1185 | 103 | 65 | 30 | 19 | 35 | | | | | | 42 | http://www.sparj.com/SparJ/Spar2017J/TSprogram.pdf |
| 2010J 基調 | 早稲田大 | 嘉納 | 55 | 3,638 | 60 | 97 | 29 | 439 | 370 | 34 | 37 | 22 | 738 | 933 | 564 | 16 | | | | | | 359 | http://www.sparj.com/SparJ/Spar2010J/speakerDoc/KanoDoc2.pdf |
| 2018JapanDr | アジア航測 | 橋爪 | 56 | 3,632 | | | | | | | | | | | | | | | | | | 3,632 | http://www.sparj.com/JapanDrone/2018/UAV2018hashizume.pdf |
| SV15(33)2Dto3DbyAI | | | 57 | 3,513 | 59 | | | | | | 2,295 | 978 | 152 | 35 | 15 | 9 | 7 | 6 | | | | 16 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(33)2Dto3DbyAI.pdf |
| | | | 58 | 3,455 | 63 | | | | | | | | | 54 | 100 | 143 | 2648 | | | | | 510 | http://www.sparj.com/JapanDrone/UAV3D2018.pdf |
| SV15(17)PayLoad1ton | | | 59 | 3,405 | 53 | 1,965 | 736 | 576 | 4 | 2 | 24 | 14 | 7 | 8 | 8 | 35 | | | | | | 26 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(17)PayLoad1ton.pdf |
| 2013J | | | 60 | 3,382 | 62 | 312 | 470 | 454 | 827 | 12 | 201 | 19 | 299 | 25 | 17 | 393 | | | | | | 353 | http://www.sparj.com/SparJ/Spar2013J/speaker_pdf/speakers.pdf |
| 2012J移動 | パスコ | 坂元 | 61 | 3,163 | 57 | 130 | 30 | 130 | 101 | 437 | 354 | 935 | 15 | 71 | 316 | 42 | | | | | | 602 | http://www.sparj.com/SparJ/Spar2012J/speakerPDF/Sakamoto |
| 2011J移動 | ウェスコ | 真田 | 62 | 3,110 | 58 | 482 | 417 | 268 | 138 | 381 | 780 | 36 | 334 | 28 | 182 | 51 | | | | | | 13 | http://www.sparj.com/SparJ/Spar2011J/speaker/sanada.pdf |
| SV15(32)DroneOnWall | | | 63 | 2,863 | 67 | | | | | 2,341 | 193 | 55 | 64 | 56 | 36 | 33 | 32 | | | | | 53 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(32)DroneOnWall.pdf |
| | | | 64 | 2,857 | 68 | 110 | 116 | 161 | 209 | 244 | 157 | 138 | 154 | 343 | 377 | 433 | | | | | | 415 | http://www.sparj.com/SVJabst/SVJIndex2.xlsm |
| | | | 65 | 2,810 | 61 | 594 | 513 | 362 | 137 | 331 | 160 | 496 | 7 | 8 | 26 | 9 | | | | | | 167 | http://www.sparj.com/SparJ/Spar2016J/presen/A4sakai.pdf |
| 2009J インフラ | パスコ | 前田 | 66 | 2,740 | 64 | 75 | 359 | 41 | 785 | 62 | 59 | 22 | 49 | 18 | 946 | 138 | | | | | | 186 | http://www.sparj.com/SparJ/Spar2009J/Maeda.pdf |
| 2016J 土木 | KRC | 加藤 | 67 | 2,608 | 71 | 68 | 37 | 245 | 101 | 899 | 20 | 415 | 20 | 18 | 9 | 4 | | | | | | 772 | http://www.sparj.com/SparJ/Spar2016J/presen/A6katou.pdf |
| 2013J プラント | 向陽鉄工 | 東 | 68 | 2,597 | 77 | 397 | 196 | 388 | 90 | 387 | 230 | 225 | 18 | 140 | 59 | 86 | | | | | | 381 | http://www.sparj.com/SparJ/Spar2013J/speaker_pdf/higashi.pdf |
| SV15(18)OpenLSEF | | | 69 | 2,516 | 70 | 1,929 | 357 | 118 | 9 | 8 | 19 | 12 | 11 | 33 | 11 | 6 | | | | | | 3 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(18)OpenLSEF.pdf |
| 2016P | 荏原 | 足立 | 70 | 2,507 | 69 | 341 | 798 | 344 | 9 | 317 | 94 | 187 | 16 | 21 | 149 | 100 | | | | | | 131 | http://www.sparj.com/SPARP/SPAR2016P/presen/k3Adachi.pdf |
| SV16(17)6D_SLAM | | | 71 | 2,464 | | | | | | | | | | | | | | | | | | 2,464 | http://www.sparj.com/SVJabst/SVabst(16)/SparViewVol16(17)6D_SLAM.pdf |
| 2009J 土木 | サンキ | 横山 | 72 | 2,460 | 89 | 223 | 126 | 197 | 7 | 11 | 28 | 41 | 182 | 405 | 378 | 372 | | | | | | 490 | http://www.sparj.com/SparJ/Spar2009J/Yokoyama.pdf |
| 2008J 土木 | 東名開発 | 伊藤 | 73 | 2,374 | 72 | 191 | 207 | 155 | 418 | 130 | 353 | 439 | 91 | 31 | 51 | 168 | | | | | | 140 | http://www.sparj.com/SparJ/Spar2008J/SpeakerPresenPDF/Itc |
| 2015J 基調 | 芝浦工大 | 中川 | 74 | 2,347 | 66 | 69 | 31 | 40 | 45 | 21 | 354 | 41 | 403 | 34 | 899 | 392 | | | | | | 18 | http://www.sparj.com/SPAR2015J/speaker/M2nakagawa.pdf |
| SV16(06)ChinaEHANG | | | 75 | 2,343 | 86 | | | | | | | | | | | | | | | | | 213 | http://www.sparj.com/SVJabst/SVabst(16)/SparViewVol16(06)C |
| 2015J 展示All | | | 76 | 2,300 | 76 | 245 | 234 | 200 | 202 | 164 | 285 | 187 | 198 | 122 | 117 | 168 | | | | | | 178 | http://www.sparj.com/SPAR2015J/sponsor/exhibitAll.pdf |
| SV15(26)Lidar700\$ | | | 77 | 2,283 | 78 | | | 2139 | 40 | 13 | 21 | 28 | 12 | 12 | 9 | 5 | | | | | | 4 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(26)L |
| SV15(30)NewVTOL | | | 78 | 2,269 | 79 | | | 1369 | 802 | 23 | 16 | 26 | 13 | 7 | 8 | 2 | | | | | | 3 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(30)N |
| | | | 79 | 2,258 | 81 | | | | 2104 | 41 | 22 | 25 | 21 | 17 | 12 | 10 | | | | | | 6 | http://www.sparj.com/kojimemo/KojiMemo(32)NorthKorea.pdf |
| | | | 80 | 2,244 | 80 | 8 | 13 | 2 | 1,941 | 30 | 61 | 101 | 27 | 42 | 6 | 7 | | | | | | 6 | http://www.sparj.com/kojimemo/KojiMemo(20)SaveJapan&Earth.pdf |
| SV15(21)Robird&Tunnel | | | 81 | 2,224 | 82 | 1,476 | 615 | 30 | 10 | 18 | 12 | 28 | 10 | 12 | 6 | 2 | | | | | | 5 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(21)Robird&Tunnel.p |
| | | | 82 | 2,219 | 83 | | | 2,122 | 20 | 16 | 25 | 5 | 5 | 21 | 2 | 2 | | | | | | 1 | http://www.sparj.com/report/InaDroneCompeGuide.pdf |
| | | | 83 | 2,212 | 84 | | | 22 | 53 | 80 | 875 | 710 | 261 | 73 | 34 | 48 | | | | | | 56 | http://www.sparj.com/SPARP/SPAR2017P/Spar2017Pchirashi.pdf |
| | | | 84 | 2,209 | 74 | 500 | 305 | 123 | 25 | 106 | 295 | 82 | 231 | 82 | 12 | 396 | | | | | | 52 | http://www.sparj.com/SPARP/SPAR2016P/2016Pexhibit.pdf |
| | | | 85 | 2,142 | 85 | 1,378 | 691 | 14 | 7 | 8 | 9 | 11 | 9 | 7 | 4 | | | | | | | 4 | http://www.sparj.com/SparJ/Spar2017J/SPAR2017JattendPattern.pdf |
| | | | 86 | 2,101 | 75 | 265 | 315 | 379 | 125 | 98 | 126 | 206 | 76 | 168 | 22 | 29 | | | | | | 292 | http://www.sparj.com/UAVapp/UAVapp2015/speakers/UkaiUAV |
| SV15(19)Smapho | | | 87 | 2,070 | 90 | 1,916 | 40 | 7 | 12 | 12 | 13 | 10 | 10 | 13 | 25 | 9 | | | | | | 3 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(19)Smapho.pdf |
| SV16(02)CircularRunway | | | 88 | 2,032 | 91 | | | | | | | | | 1,811 | 180 | 30 | | | | | | 11 | http://www.sparj.com/SVJabst/SVabst(16)/SparViewVol16(02)CircularRunway.r |
| 2015J 文化財アテック | 田子 | | 89 | 2,017 | 87 | 230 | 85 | 177 | 184 | 194 | 188 | 196 | 135 | 110 | 135 | 259 | | | | | | 124 | http://www.sparj.com/SPAR2015J/speaker/A3tago.pdf |
| SV15(37)OrigamiDrone | | | 90 | 2,014 | 93 | | | | | | 1728 | 149 | 47 | 33 | 12 | 13 | | | | | | 19 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(37)C |
| SV15(39)CropDisease | | | 91 | 2,009 | 94 | | | | | 61 | 1,813 | 35 | 22 | 13 | 20 | 21 | | | | | | 24 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(39)CropDisease.pdf |
| 2009J 移動 | ウェスコ | 宮下 | 92 | 2,008 | 92 | 41 | 37 | 60 | 57 | 44 | 66 | 33 | 29 | 1218 | 350 | 23 | | | | | | 50 | http://www.sparj.com/SparJ/Spar2009J/Miyashita.pdf |
| SV16(09)SelectPointCloud | | | 93 | 2,007 | 115 | | | | | | | | | | | | | | | | | 358 | http://www.sparj.com/SVJabst/SVabst(16)/SparViewVol16(09)SelectPointClou |
| SV15(45)reconstruct | | | 94 | 1,960 | 97 | | | | | | 1746 | 69 | 50 | 40 | 43 | | | | | | | 12 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(45)r |
| | | | 95 | 1,939 | 98 | | | 1,837 | 21 | 25 | 30 | 3 | 3 | 6 | 2 | 4 | | | | | | 8 | http://www.sparj.com/WebAccess/WebPageAccessRank201707 |

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|--------------------------------|--|--|-----|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|---|
| | | | 96 | 1,884 | 99 | 589 | 1,037 | 62 | 33 | 27 | 32 | 38 | 32 | 19 | 13 | 2 | | http://www.sparj.com/SparJ/Spar2017J/FloorPlan.pdf |
| SV15(34)GPR&EML | | | 97 | 1,879 | 100 | | | | 1,543 | 222 | 39 | 35 | 12 | 7 | 8 | 7 | 6 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(34)GPR&EML.pdf |
| SV15(28)EdgeComputing | | | 98 | 1,877 | 103 | | | 1,606 | 83 | 31 | 15 | 30 | 18 | 16 | 29 | 30 | 19 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(28)EdgeComputing.pdf |
| SV15(49)TerraDrone | | | 99 | 1,877 | 101 | | | | | | | | 1,779 | 55 | 30 | 4 | 9 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(49)TerraDrone.pdf |
| SV15(27)LowCostLidar | | | 100 | 1,875 | 102 | | | 1,663 | 55 | 23 | 17 | 59 | 14 | 11 | 9 | 9 | 15 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(27)LowCostLidar.pdf |
| SV15(31)PointCloudCAD | | | 101 | 1,862 | 104 | | | | 1,721 | 52 | 17 | 27 | 19 | 13 | 8 | 1 | 4 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(31)PointCloudCAD.pdf |
| SV15(43)RealReality | | | 102 | 1,845 | 105 | | | | | | 1,542 | 247 | 32 | 9 | 8 | 4 | 3 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(43)RealReality.pdf |
| SV16(03)ArVr | | | 103 | 1,837 | 106 | | | | | | | | | 1,365 | 446 | 18 | 8 | http://www.sparj.com/SVJabst/SVabst(16)/SparViewVol16(03)ArVr.pdf |
| SV15(44)gyroplane | | | 104 | 1,797 | 107 | | | | | | | 1,648 | 96 | 15 | 17 | 10 | 11 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(44)gyroplane.pdf |
| | | | 105 | 1,790 | 88 | 650 | 874 | 49 | 19 | 20 | 33 | 33 | 35 | 14 | 17 | 13 | 33 | http://www.sparj.com/SparJ/Spar2017J/TimeChart.pdf |
| SV15(42)Hybrid | | | 106 | 1,777 | 108 | | | | | | 1,608 | 112 | 33 | 8 | 5 | 4 | 7 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(42)Hybrid.pdf |
| SV15(50)FixedWing | | | 107 | 1,761 | 109 | | | | | | | | 1,383 | 192 | 162 | 11 | 13 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(50)FixedWing.pdf |
| 2011J 土木 コイシ 深田 | | | 108 | 1,713 | 128 | 44 | 116 | 156 | 55 | 105 | 280 | 110 | 103 | 109 | 178 | 236 | 221 | http://www.sparj.com/SparJ/Spar2011J/speaker/fukada.pdf |
| | | | 109 | 1,705 | 110 | 188 | 142 | 123 | 144 | 147 | 197 | 199 | 137 | 95 | 117 | 106 | 110 | http://www.sparj.com/SparJ/Spar2016J/speakers/maruta.pdf |
| SV15(52)Big10 | | | 110 | 1,705 | 114 | | | | | | | | 313 | 1126 | 103 | 107 | 56 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(52)Big10.pdf |
| | | | 111 | 1,700 | 112 | | | 1,542 | 120 | 29 | 2 | 1 | | | | | 3 | http://www.sparj.com/report/InaDroneCompeNews.pdf |
| | | | 112 | 1,697 | 120 | 211 | 519 | 32 | 8 | 27 | 17 | 110 | 29 | 85 | 134 | 408 | 117 | http://www.sparj.com/SparJ/Spar2017J/speaker/futatsuya.pdf |
| SV16(10)2018predict | | | 113 | 1,678 | 131 | | | | | | | | | | | | 1,498 | http://www.sparj.com/SVJabst/SVabst(16)/SparViewVol16(10)2018predict.pdf |
| SV16(01)Risk | | | 114 | 1,667 | 117 | | | | | | | | | 1,466 | 44 | 98 | 59 | http://www.sparj.com/SVJabst/SVabst(16)/SparViewVol16(01)Risk.pdf |
| | | | 115 | 1,635 | 118 | | | | | 571 | 891 | 33 | 20 | 30 | 25 | 19 | 46 | http://www.sparj.com/event/JTC2017A.pdf |
| SV15(23)UTM | | | 116 | 1,590 | 119 | | 1,463 | 29 | 14 | 12 | 14 | 25 | 12 | 13 | 1 | 4 | 3 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(23)UTM.pdf |
| | | | 117 | 1,588 | 121 | 175 | 145 | 102 | 108 | 97 | 93 | 110 | 153 | 152 | 148 | 179 | 126 | http://www.sparj.com/SparJ/SubHeadSparJ.htm |
| | | | 118 | 1,587 | 111 | 417 | 276 | 277 | 69 | 102 | 74 | 62 | 67 | 118 | 43 | 45 | 37 | http://www.sparj.com/UAVapp/UAV2016/speakers/Haruta&FuruhashiUAV2016.pdf |
| | | | 119 | 1,578 | 116 | 250 | 360 | 182 | 105 | 82 | 64 | 47 | 78 | 136 | 84 | 55 | 135 | http://www.sparj.com/SparJ/Spar2016J/presen/program&TS12.pdf |
| | | | 120 | 1,577 | 123 | | | | | | | | 1,490 | 62 | 4 | 12 | 9 | http://www.sparj.com/event/SekimotoOpenBigData20171214.pdf |
| SV15(35)LIDARcommodity | | | 121 | 1,574 | 122 | | | | 1,459 | 44 | 36 | 10 | 7 | 8 | 8 | 2 | 2 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(35)LIDARcommodity.pdf |
| SV14(01)CES | | | 122 | 1,551 | 129 | 131 | 106 | 143 | 99 | 147 | 102 | 131 | 113 | 265 | 117 | 79 | 118 | http://www.sparj.com/SVJabst/SVabst(14)/SparViewVol14(01)CES.pdf |
| | | | 123 | 1,551 | 127 | | 879 | 79 | 70 | 50 | 133 | 141 | 42 | 35 | 35 | 52 | 35 | http://www.sparj.com/SparJ/Spar2017J/speaker/morimoto2.pdf |
| SV14(06)CloudSeeding | | | 124 | 1,542 | 124 | 278 | 62 | 182 | 38 | 140 | 119 | 53 | 147 | 77 | 226 | 11 | 209 | http://www.sparj.com/SVJabst/SVabst(14)/SparViewVol14(06)CloudSeeding.pdf |
| SV15(36)AmazonPatent | | | 125 | 1,529 | 126 | | | | | 1,381 | 41 | 43 | 26 | 16 | 8 | 10 | 4 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(36)AmazonPatent.pdf |
| SV15(40)EagleAttack | | | 126 | 1,474 | 133 | | | | | | 1,373 | 52 | 20 | 13 | 7 | 6 | 3 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(40)EagleAttack.pdf |
| UAV15 RESTEC 門崎 | | | 127 | 1,467 | 130 | 230 | 257 | 383 | 146 | 101 | 16 | 11 | 19 | 14 | 187 | 10 | 93 | http://www.sparj.com/UAVapp/UAV2015/speakers/KadosakiUAV2015.pdf |
| SV15(25)MachineLearning | | | 128 | 1,467 | 134 | | 1,194 | 162 | 18 | 14 | 13 | 25 | 10 | 15 | 7 | 8 | 1 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(25)MachineLearning.pdf |
| | | | 129 | 1,461 | 291 | | | | | | | | | | | | 470 | http://www.sparj.com/SparJ/Spar2018J/program.pdf |
| SV16(11)DifficultDroneService. | | | 130 | 1,449 | 141 | | | | | | | | | | | | 1,388 | http://www.sparj.com/SVJabst/SVabst(16)/SparViewVol16(11)DifficultDroneService.pdf |
| | | | 131 | 1,447 | 135 | | | | | | 366 | 822 | 240 | 2 | 7 | 3 | 7 | http://www.sparj.com/SparJ/Spar2017J/sponsor/Myrtos.pdf |
| SV16(08)privacy | | | 132 | 1,444 | 164 | | | | | | | | | | 1,056 | 139 | 249 | http://www.sparj.com/SVJabst/SVabst(16)/SparViewVol16(08)privacy.pdf |
| | | | 133 | 1,436 | 194 | | | | | | | | | | | | 654 | http://www.sparj.com/SparJ/Spar2018J/Spar2018J.pdf |
| 2017コイシ 未来土木 穴井 | | | 134 | 1,434 | 52 | 504 | 265 | | | | 1 | | 6 | 22 | | 1 | 635 | http://www.sparj.com/report/Koishi/20170207_Anai.pdf |
| SV16(15)GameEngineUnity | | | 135 | 1,434 | | | | | | | | | | | | | 1,434 | http://www.sparj.com/SVJabst/SVabst(16)/SparViewVol16(15)GameEngineUnity.pdf |
| UAV15 基調 千葉大 本多 | | | 136 | 1,432 | 156 | 15 | 161 | 509 | 78 | 19 | 206 | 33 | 20 | 17 | 8 | 189 | 177 | http://www.sparj.com/UAVapp/UAV2015/speakers/HondaUAV2015.pdf |
| 2015世界大会報告 | | | 137 | 1,425 | 113 | 201 | 135 | 312 | 75 | 46 | 35 | 52 | 257 | 152 | 26 | 32 | 102 | http://www.sparj.com/SparInt/Spar2015IntReport.pdf |
| SV15(41)EventCamera | | | 138 | 1,418 | 137 | | | | | | 1,289 | 55 | 21 | 15 | 15 | 5 | 18 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(41)EventCamera.pdf |
| SV15(20)UAVphotoAccuracy | | | 139 | 1,414 | 136 | 1,294 | 91 | 7 | 5 | 1 | 4 | 1 | | 4 | 2 | 2 | 3 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(20)UAVphotoAccuracy.pdf |
| SV15(29)AppleAR | | | 140 | 1,398 | 138 | | | 1,224 | 86 | 19 | 11 | 28 | 9 | 10 | 6 | 3 | 2 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(29)AppleAR.pdf |
| 2008J Ts FARO | | | 141 | 1,391 | 65 | 12 | 19 | 134 | 8 | 11 | 16 | 168 | 892 | 22 | 82 | 15 | 12 | http://www.sparj.com/SparJ/Spar2008J/TechnicalSession/FARO1.pdf |
| | | | 142 | 1,381 | 142 | | | 1,326 | 17 | 9 | 7 | 7 | 4 | 4 | 5 | 1 | 1 | http://www.sparj.com/report/ARIDA&SPARJ_UAV20170714.pdf |
| | | | 143 | 1,375 | 145 | | | 1,287 | 31 | 14 | 8 | 6 | 10 | 6 | 4 | 3 | 6 | http://www.sparj.com/report/DoPhotoGram.pdf |
| SV15(38)Matterport | | | 144 | 1,372 | 146 | | | | | 1,149 | 115 | 52 | 29 | 13 | 5 | 5 | 4 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(38)Matterport.pdf |
| | | | 145 | 1,365 | 144 | 125 | 204 | 111 | 111 | 130 | 81 | 56 | 88 | 104 | 117 | 151 | 87 | http://www.sparj.com/WebAccess/SubHeadWebAccess.htm |

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|--------------------------|----------------|-------|-----|-------|-----|-----|-------|-----|-----|------|-----|------|-------|-----|-------|-----|---|---|
| SV16(12)DeliveryBVLOS | | | 146 | 1,364 | 171 | | | | | | | | | | 1,089 | 275 | http://www.sparj.com/SVJabst/SVabst(16)/SparViewVol16(12)DeliveryBVLOS.pdf | |
| | | | 147 | 1,359 | 149 | | 911 | 218 | 14 | 15 | 31 | 33 | 34 | 38 | 14 | 17 | 34 | http://www.sparj.com/SparJ/Spar2017J/speaker/takahashi2.pdf |
| 2013J 学会 | 電通大 | 増田 | 148 | 1,341 | 143 | 33 | 111 | 152 | 27 | 306 | 19 | 62 | 386 | 29 | 11 | 82 | 123 | http://www.sparj.com/SparJ/Spar2013J/speaker_pdf/masuda.pdf |
| | | | 149 | 1,339 | 139 | 113 | 122 | 115 | 118 | 104 | 84 | 66 | 76 | 163 | 126 | 158 | 94 | http://www.sparj.com/kojmemo/kojmemo1.htm |
| SV15(24)PacificDroneRace | | | 150 | 1,330 | 147 | | 1,186 | 57 | 26 | 11 | 9 | 17 | 7 | 10 | 5 | 2 | | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(24)PacificDroneRace.pdf |
| 2009J フラント | ENN | 丸田 | 151 | 1,328 | 154 | 118 | 182 | 157 | 217 | 68 | 89 | 187 | 107 | 51 | 60 | 45 | 47 | http://www.sparj.com/SparJ/Spar2009J/Maruta.pdf |
| SV15(46)ChinaDroneUp | | | 152 | 1,322 | 150 | | | | | | | 1183 | 75 | 20 | 21 | 17 | 6 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(46)ChinaDroneUp.pdf |
| | | | 153 | 1,317 | 158 | | | | | 984 | 55 | 44 | 40 | 38 | 53 | 64 | 39 | http://www.sparj.com/event/AirPhotoSeminarTopcon.pdf |
| | | | 154 | 1,316 | 155 | 102 | 99 | 110 | 122 | 104 | 104 | 70 | 95 | 109 | 123 | 160 | 118 | http://www.sparj.com/SVJabst/SubHeadSVJabst.htm |
| 2016J TS | VisioTech | | 155 | 1,309 | 153 | 25 | 352 | 13 | 245 | 8 | 141 | 17 | 340 | 3 | 43 | 112 | 10 | http://www.sparj.com/SparJ/Spar2016J/presen/TS02VisioTech.pdf |
| | | | 156 | 1,301 | 172 | | | | | | 68 | 218 | 188 | 124 | 164 | 326 | 213 | http://www.sparj.com/SparJ/Spar2017J/sponsor/Topcon.pdf |
| | | | 157 | 1,299 | 152 | 41 | 124 | 112 | 104 | 154 | 204 | 100 | 168 | 58 | 87 | 62 | 85 | http://www.sparj.com/UAVapp/UAV2016/Chirasi.pdf |
| | | | 158 | 1,272 | 160 | | | | | 1172 | 39 | 18 | 5 | 8 | 12 | 8 | 10 | http://www.sparj.com/event/PointCloudSeminar2017.pdf |
| 2015J 土木 | 京都府 | 春田 | 159 | 1,268 | 125 | 27 | 63 | 396 | 196 | 50 | 42 | 71 | 31 | 175 | 19 | 29 | 169 | http://www.sparj.com/SPAR2015J/speaker/A5haruta.pdf |
| | ReportSPAR1Eng | | 160 | 1,258 | 161 | 68 | 61 | 46 | 26 | 43 | 114 | 58 | 29 | 800 | 8 | | 5 | http://www.sparj.com/report/SAR1Eng.pdf |
| 2009J speakers | | | 161 | 1,253 | 140 | 400 | 26 | 162 | 12 | 17 | 26 | 15 | 15 | 95 | 270 | 15 | 200 | http://www.sparj.com/SparJ/Spar2009J/Speakers090506.pdf |
| | | | 162 | 1,247 | | | | | | | | | | | | | 1247 | http://www.sparj.com/JapanDrone/2018/UAV2018SpeakerOutlines.pdf |
| SV15(51)UTSEC2018 | | | 163 | 1,244 | 162 | | | | | | | | 1,079 | 98 | 31 | 6 | 30 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(51)UTSEC2018.pdf |
| SV16(13)VRscenario | | | 164 | 1,231 | | | | | | | | | | | | | 1,231 | http://www.sparj.com/SVJabst/SVabst(16)/SparViewVol16(13)VRscenario.pdf |
| 2008J 最新 | アフライト | 高橋 | 165 | 1,228 | 132 | 15 | 96 | 619 | 134 | 125 | 32 | 25 | 13 | 22 | 9 | 114 | 24 | http://www.sparj.com/SparJ/Spar2008J/SpeakerPresenPDF/T&E.pdf |
| | | | 166 | 1,212 | 168 | | | | | | | | 327 | 780 | 11 | 50 | 44 | http://www.sparj.com/SPARP/SPAR2017P/SPAR2017Penquet.pdf |
| SV15(48)directory | | | 167 | 1,191 | 165 | | | | | | | | 1,143 | 21 | 15 | 4 | 8 | http://www.sparj.com/SVJabst/SVabst(15)/SparViewVol15(48)directory.pdf |
| 2015J 基調3 | JR東日本 | 横山 | 168 | 1,181 | 163 | 103 | 105 | 144 | 107 | 74 | 64 | 143 | 83 | 93 | 88 | 86 | 91 | http://www.sparj.com/SPAR2015J/speaker/M3yokoyama.pdf |
| SV14(27)DroneWar | | | 169 | 1,173 | 167 | 106 | 123 | 110 | 112 | 84 | 99 | 112 | 95 | 101 | 70 | 68 | 93 | http://www.sparj.com/SVJabst/SVabst(14)/SparViewVol14(27)DroneWar.pdf |
| | | | 170 | 1,167 | 166 | 98 | 94 | 91 | 95 | 85 | 71 | 60 | 99 | 111 | 119 | 158 | 86 | http://www.sparj.com/SparInt/SubHeadSparInt.htm |
| SV16(04)GuigerModeLidar | | | 171 | 1,159 | 169 | | | | | | | | | 903 | 193 | 46 | 17 | http://www.sparj.com/SVJabst/SVabst(16)/SparViewVol16(04)GuigerModeLidar.pdf |
| 2016J 建築 | 東洋熱工業 | 三浦 | 172 | 1,151 | 148 | 8 | 359 | 106 | 147 | 95 | 103 | 62 | 33 | 198 | 6 | 17 | 17 | http://www.sparj.com/SparJ/Spar2016J/presen/A2miura.pdf |
| | | | 173 | 1,141 | 151 | 265 | 340 | 108 | 70 | 67 | 196 | 31 | 11 | 13 | 13 | 16 | 11 | http://www.sparj.com/SparJ/Spar2017J/SpeakerAbst/speakerKeynote.pdf |
| SV16(16)3dTalo | | | 174 | 1,139 | | | | | | | | | | | | | 1139 | http://www.sparj.com/SVJabst/SVabst(16)/SparViewVol16(16)3dTalo.pdf |
| UAV15 | KRC | 西村U15 | 175 | 1,134 | 159 | 55 | 118 | 182 | 345 | 181 | 5 | 21 | 16 | 22 | 4 | 8 | 177 | http://www.sparj.com/UAVapp/UAVapp2015/speakers/NishimuraUAVapp2015.pdf |
| | | | 176 | 1,093 | 170 | 16 | 92 | 69 | 197 | 146 | 126 | 6 | 147 | 16 | 11 | 18 | 249 | http://www.sparj.com/SparJ/Spar2010J/speakerDoc/OuraDoc1.pdf |
| | | | 177 | 1,072 | 173 | 79 | 104 | 98 | 99 | 90 | 74 | 50 | 75 | 81 | 110 | 133 | 79 | http://www.sparj.com/SPAR2015J/speaker/program2015J.htm |
| 2008J フラント | サンキ | 横山 | 178 | 1,063 | 177 | 117 | 29 | 133 | 161 | 14 | 81 | 37 | 41 | 137 | 101 | 164 | 48 | http://www.sparj.com/SparJ/Spar2008J/SpeakerPresenPDF/Yokoyama.pdf |
| | | | 179 | 1,061 | 174 | | | | | | 985 | 43 | 14 | 10 | 6 | 1 | 2 | http://www.sparj.com/event/KKEvision2017.pdf |