

\*1 前回集計順位

セッション	所属	名前	12ヵ月合計 *1	2015年												2016	web page		
				2月	3月	4月	5月	6月	7月	8月	9月	10月	11月	12月	1月				
			1,221,101	43,937	57,015	68,480	78,436	199,726	112,480	120,232	107,433	86,023	129,523	85,140	132,676				
2015J UAV	ルーチェ	渡辺	1	121,580	1					32,629	4,144	14,653	7,109	12,874	20,494	12,387	17,290	<a href="http://www.sparj.com/SPAR2015J/speaker/A6watanabe.pdf">http://www.sparj.com/SPAR2015J/speaker/A6watanabe.pdf</a>	
2015J 土木	ハヤテ	北条	2	102,835	2					26,325	19,318	14,801	14,345	2,881	5,069	3,342	16,754	<a href="http://www.sparj.com/SPAR2015J/speaker/A5hojo.pdf">http://www.sparj.com/SPAR2015J/speaker/A5hojo.pdf</a>	
2015J	リーグル		3	74,912	3					21,812	8,565	5,799	4,139	6,776	7,458	9,723	10,640	<a href="http://www.sparj.com/SPAR2015J/speaker/TsRiegl.pdf">http://www.sparj.com/SPAR2015J/speaker/TsRiegl.pdf</a>	
2014J 基調	千葉大	野波	4	58,822	4	8,896	9,840	5,930	4,794	5,101	6,288	5,269	6,617	816	3,038	630	1,603	<a href="http://www.sparj.com/SparJ/Spar2014J/speaker2014J/Nonami6.pdf">http://www.sparj.com/SparJ/Spar2014J/speaker2014J/Nonami6.pdf</a>	
2014J 移動	パスコ	坂下	5	40,175	7	1,952	1,271	2,346	3,303	3,519	3,502	3,788	3,634	4,604	5,516	3,491	3,249	<a href="http://www.sparj.com/SparJ/Spar2014J/speaker2014J/Sakashita4.pdf">http://www.sparj.com/SparJ/Spar2014J/speaker2014J/Sakashita4.pdf</a>	
2011J 移動	アスコ	番上	6	39,644	6	2,020	1,574	6,508	4,247	6,145	1,252	1,994	3,991	1,922	4,420	3,547	2,024	<a href="http://www.sparj.com/SparJ/Spar2011J/speaker/banjo.pdf">http://www.sparj.com/SparJ/Spar2011J/speaker/banjo.pdf</a>	
2013J 展示			7	38,230	5	3,896	3,693	2,579	3,015	5,623	3,704	2,789	2,271	2,160	3,212	3,177	2,111	<a href="http://www.sparj.com/SparJ/Spar2013J/exhibit.pdf">http://www.sparj.com/SparJ/Spar2013J/exhibit.pdf</a>	
2010J 基調	北大	金井	8	36,463	8	2,165	3,460	2,664	2,606	5,092	2,305	4,200	3,765	1,483	1,527	2,571	4,625	<a href="http://www.sparj.com/SparJ/Spar2010J/speakerDoc/KanaiDoc1.pdf">http://www.sparj.com/SparJ/Spar2010J/speakerDoc/KanaiDoc1.pdf</a>	
2009J 建設	八千代E	島田	9	30,524	11	783	258	1,307	745	2,089	4,482	2,891	4,396	2,462	3,482	3,648	3,981	<a href="http://www.sparj.com/SparJ/Spar2009J/Shimada.pdf">http://www.sparj.com/SparJ/Spar2009J/Shimada.pdf</a>	
SPARJ hp	ルート		10	29,577	9	1,298	1,791	2,254	6,160	4,600	1,769	1,407	2,198	2,221	2,701	1,765	1,413	<a href="http://www.sparj.com/">http://www.sparj.com/</a>	
2015世界大会報告			11	29,453	10			8,306	7,783	4,827	1,885	552	1,209	464	1,505	811	2,111	<a href="http://www.sparj.com/SparInt/Spar2015IntReport.pdf">http://www.sparj.com/SparInt/Spar2015IntReport.pdf</a>	
2008J	シスプロ		12	26,008	17	839	1,118	2,306	3,322	1,619	2,092	1,029	1,528	317	1,425	2,388	8,025	<a href="http://www.sparj.com/SparJ/Spar2008J/TechnicalSession/Syspro1.pdf">http://www.sparj.com/SparJ/Spar2008J/TechnicalSession/Syspro1.pdf</a>	
2011J 学会	北大	金井	13	23,155	13	356	4,159	775	660	4,197	1,343	63	2,770	554	159	4,869	3,250	<a href="http://www.sparj.com/SparJ/Spar2011J/speaker/kanai.pdf">http://www.sparj.com/SparJ/Spar2011J/speaker/kanai.pdf</a>	
2012J 移動	パスコ	坂元	14	21,211	12	1,517	1,757	1,794	2,402	2,783	2,097	2,211	2,352	1,775	1,322	510	691	<a href="http://www.sparj.com/SparJ/Spar2012J/speakerPDF/Sakamoto.pdf">http://www.sparj.com/SparJ/Spar2012J/speakerPDF/Sakamoto.pdf</a>	
2011J 建築	前田建	南	15	21,009	16	2,040	1,523	2,595	1,327	3,036	2,227	815	1,430	1,926	1,661	378	2,051	<a href="http://www.sparj.com/SparJ/Spar2011J/speaker/minami.pdf">http://www.sparj.com/SparJ/Spar2011J/speaker/minami.pdf</a>	
2013J 建築	新菱	酒本	16	20,868	14	1,718	1,780	1,374	1,833	3,080	2,425	2,312	1,255	1,028	2,138	708	1,217	<a href="http://www.sparj.com/SparJ/Spar2013J/speaker_pdf/sakamoto.pdf">http://www.sparj.com/SparJ/Spar2013J/speaker_pdf/sakamoto.pdf</a>	
UAV15	国際	村木	17	19,435	21										7,632	2,242	9,561	<a href="http://www.sparj.com/UAVapp/UAVapp2015/speakers/MurakiUAVapp2015.pdf">http://www.sparj.com/UAVapp/UAVapp2015/speakers/MurakiUAVapp2015.pdf</a>	
2013J			18	19,100	15	634	2,771	2,358	1,941	3,391	1,553	2,077	746	827	1,411	183	1,208	<a href="http://www.sparj.com/SparJ/Spar2013J/speaker_pdf/speakers.pdf">http://www.sparj.com/SparJ/Spar2013J/speaker_pdf/speakers.pdf</a>	
2015J 基調	芝浦工大	中川	19	18,781	19					13,549	1,003	320	906	996	1,204	98	705	<a href="http://www.sparj.com/SPAR2015J/speaker/M2nakagawa.pdf">http://www.sparj.com/SPAR2015J/speaker/M2nakagawa.pdf</a>	
2013J 基調	奈良科技大	横矢	20	17,740	18	1,153	1,261	2,433	1,633	2,144	2,331	2,211	1,316	563	882	544	1,269	<a href="http://www.sparj.com/SparJ/Spar2013J/speaker_pdf/yokoya.pdf">http://www.sparj.com/SparJ/Spar2013J/speaker_pdf/yokoya.pdf</a>	
2012J 建築	鹿島	矢島	21	12,159	20	1,753	2,615	1,972	2,967	2,852								<a href="http://www.sparj.com/speakerPDF/Yajima.pdf">http://www.sparj.com/speakerPDF/Yajima.pdf</a>	
UAV15	大阪経大	中村	22	11,892	24										6,428	1,919	3,545	<a href="http://www.sparj.com/UAVapp/UAVapp2015/speakers/NakamuraUAVapp2015.pdf">http://www.sparj.com/UAVapp/UAVapp2015/speakers/NakamuraUAVapp2015.pdf</a>	
2015J	AVEVA		23	10,345	22					3,574	667	1,214	377	923	1,022	683	1,885	<a href="http://www.sparj.com/SPAR2015J/speaker/TsAVEVA.pdf">http://www.sparj.com/SPAR2015J/speaker/TsAVEVA.pdf</a>	
2011J 移動	ウエスコ	真田	24	8,093	23	609	1,066	1,150	131	944	355	1,680	572	1,431	51	64	40	<a href="http://www.sparj.com/SparJ/Spar2011J/speaker/sanada.pdf">http://www.sparj.com/SparJ/Spar2011J/speaker/sanada.pdf</a>	
2013J 学会	電通大	増田	25	7,680	25	383	700	426	783	487	685	864	1,190	555	434	813	360	<a href="http://www.sparj.com/SparJ/Spar2013J/speaker_pdf/masuda.pdf">http://www.sparj.com/SparJ/Spar2013J/speaker_pdf/masuda.pdf</a>	
UAV15 基調	千葉大	本多	26	7,292	38										4,411	886	1,995	<a href="http://www.sparj.com/UAVapp/UAVapp2015/speakers/HondaUAVapp2015.pdf">http://www.sparj.com/UAVapp/UAVapp2015/speakers/HondaUAVapp2015.pdf</a>	
2015J 土木	京都府	春田	27	7,221	28					3,553	790	416	348	779	438	192	705	<a href="http://www.sparj.com/SPAR2015J/speaker/A5haruta.pdf">http://www.sparj.com/SPAR2015J/speaker/A5haruta.pdf</a>	
SparView Vol.13			28	6,954	26												16	<a href="http://www.sparj.com/SVJabst/SVabst(13)/LiDARonSmallUAV.pdf">http://www.sparj.com/SVJabst/SVabst(13)/LiDARonSmallUAV.pdf</a>	
2015J 展示All			29	6,737	29				1,793	1,691	398	290	535	621	632	383	394	<a href="http://www.sparj.com/SPAR2015J/sponsor/exhibitAll.pdf">http://www.sparj.com/SPAR2015J/sponsor/exhibitAll.pdf</a>	
2009J インフラ	パスコ	前田	30	6,683	31	68	398	965	547	478	942	660	59	569	439	814	744	<a href="http://www.sparj.com/SparJ/Spar2009J/Maeda.pdf">http://www.sparj.com/SparJ/Spar2009J/Maeda.pdf</a>	
UAV15	TimeChart		31	6,673	27							171	2,272	1,985	2,076	83	86	<a href="http://www.sparj.com/UAVapp/UAVapp2015/UAVappTimeChartSpeakers.pdf">http://www.sparj.com/UAVapp/UAVapp2015/UAVappTimeChartSpeakers.pdf</a>	
2008J Ts	FARO		32	6,107	30	107	67	908	5	113	2,075	1,186	335	551	734	11	15	<a href="http://www.sparj.com/SparJ/Spar2008J/TechnicalSession/FARO1.pdf">http://www.sparj.com/SparJ/Spar2008J/TechnicalSession/FARO1.pdf</a>	
2012J 建築	鹿島	矢島	33	6,084	34	180	8	52	35	233	1,773	809	751	573	964	334	372	<a href="http://www.sparj.com/SparJ/Spar2012J/speakerPDF/Yajima.pdf">http://www.sparj.com/SparJ/Spar2012J/speakerPDF/Yajima.pdf</a>	
2013J プラン	向陽鉄工	東	34	6,023	32	350	670	269	301	997	834	202	550	802	503	413	132	<a href="http://www.sparj.com/SparJ/Spar2013J/speaker_pdf/higashi.pdf">http://www.sparj.com/SparJ/Spar2013J/speaker_pdf/higashi.pdf</a>	
2013J 新技	共栄測量	松林	35	5,870	36	650	720	697	443	369	377	657	158	673	297	49	780	<a href="http://www.sparj.com/SparJ/Spar2013J/speaker_pdf/matsubayashi.pdf">http://www.sparj.com/SparJ/Spar2013J/speaker_pdf/matsubayashi.pdf</a>	
SparView Vol.13 No.29			36	5,849	33							5,352	268	70	61	51	47	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(29)SemanticPair.pdf">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(29)SemanticPair.pdf</a>	
SparView Vol.13 No.30			37	5,501	35							3,774	1,385	108	125	37	16	56	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(30)3Dview.pdf">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(30)3Dview.pdf</a>
UAV15	All		38	5,319	37								303	4,563	4	449		<a href="http://www.sparj.com/UAVapp/UAVapp2015/UAVappAll.pdf">http://www.sparj.com/UAVapp/UAVapp2015/UAVappAll.pdf</a>	
UAV15	program		39	5,251	39										4,457	607	187	<a href="http://www.sparj.com/UAVapp/UAVapp2015/ProgramSpeaker.pdf">http://www.sparj.com/UAVapp/UAVapp2015/ProgramSpeaker.pdf</a>	
UAV15	協賛		40	5,045	41												65	<a href="http://www.sparj.com/UAVapp/UAVapp2015/UAVappRegistKyosan.pdf">http://www.sparj.com/UAVapp/UAVapp2015/UAVappRegistKyosan.pdf</a>	

2009J 移動	三菱電機	瀧口	41	5,012	40	318	609	1,203	98	453	433	268	554	440	248	22	366	<a href="http://www.sparj.com/SparJ/Spar2009J/Takiguchi.pdf">http://www.sparj.com/SparJ/Spar2009J/Takiguchi.pdf</a>
2015J 移動	アーケジオ	渡邊	42	4,981	42				2,930	1,736	53	33	29	35	34	48	83	<a href="http://www.sparj.com/SPAR2015J/speaker/A4watanabe.pdf">http://www.sparj.com/SPAR2015J/speaker/A4watanabe.pdf</a>
SparView Vol.13 No.32			43	4,731	43							4,281	104	157	47	74	68	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(32)GameEngine.pdf">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(32)GameEngine.pdf</a>
2015J 基調All			44	4,681	44				1,735	1,790	216	182	106	211	187	115	139	<a href="http://www.sparj.com/SPAR2015J/keynote.pdf">http://www.sparj.com/SPAR2015J/keynote.pdf</a>
2016J Program&TimeChart			45	4,571	45				2,076	1,737	162	113	107	111	95	90	80	<a href="http://www.sparj.com/SPAR2015J/program&amp;timechart.pdf">http://www.sparj.com/SPAR2015J/program&amp;timechart.pdf</a>
2008J 土木 東名開発	伊藤		46	4,415	53	3	5	4	7	10	11	829	16	2,611	5	9	905	<a href="http://www.sparj.com/SparJ/Spar2008J/SpeakerPresenPDF/Itoh1.pdf">http://www.sparj.com/SparJ/Spar2008J/SpeakerPresenPDF/Itoh1.pdf</a>
UAV15	KRC	西村	47	4,182	56									2,415	606	1,161		<a href="http://www.sparj.com/UAVapp/UAVapp2015/speakers/NishimuraUAVapp2015.pdf">http://www.sparj.com/UAVapp/UAVapp2015/speakers/NishimuraUAVapp2015.pdf</a>
2015J 文化 アイテック	田子		48	4,158	48					1,880	813	252	309	288	131	256	229	<a href="http://www.sparj.com/SPAR2015J/speaker/A3tago.pdf">http://www.sparj.com/SPAR2015J/speaker/A3tago.pdf</a>
SparView Vol.13 No.33			49	4,105	46							3,721	160	126	30	47	21	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(33)GuigarLIDAR.pdf">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(33)GuigarLIDAR.pdf</a>
SparView Vol.13 No.34			50	4,023	47							3,471	324	117	29	46	36	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(34)Intel&amp;Google.pdf">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(34)Intel&amp;Google.pdf</a>
SparView Vol.13 UAV斑野合宿			51	3,946	49							3,236	501	76	49	41	43	<a href="http://www.sparj.com/SVJabst/SVabst(13)/UAVmadaranoGassyuku.pdf">http://www.sparj.com/SVJabst/SVabst(13)/UAVmadaranoGassyuku.pdf</a>
2015J 建築 新菱	酒本		52	3,865	52					1,405	759	244	495	223	333	95	311	<a href="http://www.sparj.com/SPAR2015J/speaker/A2sakamoto.pdf">http://www.sparj.com/SPAR2015J/speaker/A2sakamoto.pdf</a>
2015J ちらし			53	3,794	50		160	699	1,366	805	123	94	128	119	112	95	93	<a href="http://www.sparj.com/SPAR2015J/Spar2015JChirasi.pdf">http://www.sparj.com/SPAR2015J/Spar2015JChirasi.pdf</a>
2009J speakers			54	3,599	51	103	64	618	156	82	153	365	334	613	166	460	485	<a href="http://www.sparj.com/SparJ/Spar2009J/Speakers090506.pdf">http://www.sparj.com/SparJ/Spar2009J/Speakers090506.pdf</a>
2010J 基調 早稲田大	嘉納		55	3,597	54	327	12	61	268	208	255	754	474	9	247	91	891	<a href="http://www.sparj.com/SparJ/Spar2010J/speakerDoc/KanoDoc2.pdf">http://www.sparj.com/SparJ/Spar2010J/speakerDoc/KanoDoc2.pdf</a>
2010J 移動 地層研	里		56	3,477	57	48	433	5	479	619	3	1,104	185	80	31	25	465	<a href="http://www.sparj.com/SparJ/Spar2010J/speakerDoc/SatoDoc1.pdf">http://www.sparj.com/SparJ/Spar2010J/speakerDoc/SatoDoc1.pdf</a>
2015J speakers			57	3,123	55				1,057	1,408	71	83	97	107	135	83	82	<a href="http://www.sparj.com/SPAR2015J/speaker/speakers.pdf">http://www.sparj.com/SPAR2015J/speaker/speakers.pdf</a>
UAV15 大林	杉浦		58	2,804	65									1,610	382	812		<a href="http://www.sparj.com/UAVapp/UAVapp2015/speakers/SugiuraUAVapp2015.pdf">http://www.sparj.com/UAVapp/UAVapp2015/speakers/SugiuraUAVapp2015.pdf</a>
2012J 文化 アイテック	田子		59	2,493	59	250	225	411	153	265	354	233	65	294	84	140	19	<a href="http://www.sparj.com/SparJ/Spar2012J/speakerPDF/Tago.pdf">http://www.sparj.com/SparJ/Spar2012J/speakerPDF/Tago.pdf</a>
2010J sponsors			60	2,343	58	302	538	675	387	441								<a href="http://www.sparj.com/spar2011J/sponsors.pdf">http://www.sparj.com/spar2011J/sponsors.pdf</a>
UAV15 ちらし			61	2,284	61							61	486	56	1,363	195	123	<a href="http://www.sparj.com/UAVapp/UAVapp2015/UAVappChirasi.pdf">http://www.sparj.com/UAVapp/UAVapp2015/UAVappChirasi.pdf</a>
2008J 最新 アプライド	高橋		62	2,275	62	245	134	237	285	203	113	52	193	329	161	53	270	<a href="http://www.sparj.com/SparJ/Spar2008J/SpeakerPresenPDF/Takahashi1.pdf">http://www.sparj.com/SparJ/Spar2008J/SpeakerPresenPDF/Takahashi1.pdf</a>
2015J FloorPlan			63	2,106	64				960	619	99	74	77	64	54	80	79	<a href="http://www.sparj.com/SPAR2015J/2015floorplan.pdf">http://www.sparj.com/SPAR2015J/2015floorplan.pdf</a>
SparView Vol.13 UAVsponsor			64	2,102	63							2,044	31	26	1			<a href="http://www.sparj.com/SVJabst/SVabst(13)/UAVexpoSponsor.pdf">http://www.sparj.com/SVJabst/SVabst(13)/UAVexpoSponsor.pdf</a>
2015J UAV パシフィックC	北野		65	2,026	84					300	380	97	74	24	476	69	606	<a href="http://www.sparj.com/SPAR2015J/speaker/A6kitano.pdf">http://www.sparj.com/SPAR2015J/speaker/A6kitano.pdf</a>
2010J sponsors			66	1,904	67	231	116	196	131	164	324	211	43	307	108	28	45	<a href="http://www.sparj.com/SparJ/Spar2010J/sponsors.pdf">http://www.sparj.com/SparJ/Spar2010J/sponsors.pdf</a>
2014J UAV アイテック	田子		67	1,825	60	269	471	199	105	231	172	87	32	63	70	67	59	<a href="http://www.sparj.com/SparJ/Spar2014J/speaker2014J/TagoUAV3.pdf">http://www.sparj.com/SparJ/Spar2014J/speaker2014J/TagoUAV3.pdf</a>
2008J 土木 東名開発	伊藤		68	1,824	74	25	142	121	65	126	194	189	153	194	175	183	257	<a href="http://www.sparj.com/SparJ/Spar2008J/SpeakerPresenPDF/Itoh.pdf">http://www.sparj.com/SparJ/Spar2008J/SpeakerPresenPDF/Itoh.pdf</a>
UAV15 TimeChartKeynote			69	1,805	68							1,805						<a href="http://www.sparj.com/SVJabst/SVabst(13)/UAVappTimeChartKeynote.pdf">http://www.sparj.com/SVJabst/SVabst(13)/UAVappTimeChartKeynote.pdf</a>
2011J speakers			70	1,775	69	66	74	140	163	602	186	178	80	148	55	44	39	<a href="http://www.sparj.com/SparJ/Spar2011J/speakers.pdf">http://www.sparj.com/SparJ/Spar2011J/speakers.pdf</a>
2009J sponsor			71	1,751	70	47	54	153	198	326	59	89	290	192	86	130	127	<a href="http://www.sparj.com/SparJ/Spar2009J/sponsors.pdf">http://www.sparj.com/SparJ/Spar2009J/sponsors.pdf</a>
2012J 新技術 エリジョン	相馬		72	1,736	66	117	38	213	156	562	244	158	20	37	146	25	20	<a href="http://www.sparj.com/SparJ/Spar2012J/speakerPDF/Souma.pdf">http://www.sparj.com/SparJ/Spar2012J/speakerPDF/Souma.pdf</a>
2015J 東京まるごと3D			73	1,731	71				510	576	135	112	74	82	58	89	95	<a href="http://www.sparj.com/SPAR2015J/TokyoWhole3Drev2.pdf">http://www.sparj.com/SPAR2015J/TokyoWhole3Drev2.pdf</a>
SparView Vol.13 No.50			74	1,719	72											1,617	102	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(50)LidarChip.pdf">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(50)LidarChip.pdf</a>
			75	1,691														<a href="http://www.sparj.com/SVJabst/SVabst(14)/SparViewVol14(02)GeigerModel.pdf">http://www.sparj.com/SVJabst/SVabst(14)/SparViewVol14(02)GeigerModel.pdf</a>
UAV15 RESTEC	門崎		76	1,670	94									903	336	431		<a href="http://www.sparj.com/UAVapp/UAVapp2015/speakers/KadosakiUAVapp2015.pdf">http://www.sparj.com/UAVapp/UAVapp2015/speakers/KadosakiUAVapp2015.pdf</a>
2008J プラント サンキ	横山		77	1,636	78	206	122	106	105	63	303	104	166	104	98	38	221	<a href="http://www.sparj.com/SparJ/Spar2008J/SpeakerPresenPDF/Yokoyama.pdf">http://www.sparj.com/SparJ/Spar2008J/SpeakerPresenPDF/Yokoyama.pdf</a>
			78	1,605	73	96	127	166	188	171	145	139	124	93	122	116	118	<a href="http://www.sparj.com/SparJ/SubHeadSparJ.htm">http://www.sparj.com/SparJ/SubHeadSparJ.htm</a>
2015J プラント 山九	安達		79	1,567	77				282	733	141	34	31	11	98	154	83	<a href="http://www.sparj.com/SPAR2015J/speaker/A1adachi.pdf">http://www.sparj.com/SPAR2015J/speaker/A1adachi.pdf</a>
			80	1,477	82									1,328	61	40	48	<a href="http://www.sparj.com/JTC/BlogJpnContribution1.pdf">http://www.sparj.com/JTC/BlogJpnContribution1.pdf</a>
2011J 土木 コイシ	深田		81	1,476	83	4	100	265	74	223	39	257	100	141	102	22	149	<a href="http://www.sparj.com/SparJ/Spar2011J/speaker/fukada.pdf">http://www.sparj.com/SparJ/Spar2011J/speaker/fukada.pdf</a>
2009J プラント 辰星技研	小西		82	1,467	75	28	214	182	6	306	28	184	386	14	31	4	84	<a href="http://www.sparj.com/SparJ/Spar2009J/Konishi.pdf">http://www.sparj.com/SparJ/Spar2009J/Konishi.pdf</a>
			83	1,464	80							262	563	496	109	17	17	<a href="http://www.sparj.com/UAVapp/UAVexpoSponsor.pdf">http://www.sparj.com/UAVapp/UAVexpoSponsor.pdf</a>
kojmemo			84	1,430	81	94	113	138	160	143	124	106	131	108	99	107	107	<a href="http://www.sparj.com/kojmemo/kojmemo.htm">http://www.sparj.com/kojmemo/kojmemo.htm</a>
			85	1,413	353											142	1,271	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(52)2015Big10.pdf">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(52)2015Big10.pdf</a>
			86	1,412	85		179	800	132	67	54	32	31	36	33	28	20	<a href="http://www.sparj.com/SPAR2015J/2015program.pdf">http://www.sparj.com/SPAR2015J/2015program.pdf</a>

			87	1,381	76	81	91	129	55	466	108	253	29	37	28	35	69	<a href="http://www.sparj.com/SparJ/Spar2012J/speakers.pdf">http://www.sparj.com/SparJ/Spar2012J/speakers.pdf</a>	
2011J 移動	アスコ	番上	88	1,369	86	296	430	40	469	134								<a href="http://www.sparj.com/spar2011J/speaker/banjo.pdf">http://www.sparj.com/spar2011J/speaker/banjo.pdf</a>	
2008J 土木	KRC	加藤	89	1,367	89	95	111	6	82	160	108	66	175	188	234	24	118	<a href="http://www.sparj.com/SparJ/Spar2008J/SpeakerPresenPDF/Katou1.pdf">http://www.sparj.com/SparJ/Spar2008J/SpeakerPresenPDF/Katou1.pdf</a>	
2010J プラント	東大	増田	90	1,329	79	159	23	161	12	190	33	58	66	232	104	191	100	<a href="http://www.sparj.com/SparJ/Spar2010J/speakerDoc/MasudaDoc1.pdf">http://www.sparj.com/SparJ/Spar2010J/speakerDoc/MasudaDoc1.pdf</a>	
SparView Vol.13 No.31			91	1,309	90							1,203	33	35	15	7	16	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(31)3Dcamera\$4">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(31)3Dcamera\$4</a>	
UAV15 基調	首都大学東京	泉	92	1,299	127										764	235	300	<a href="http://www.sparj.com/UAVapp/UAVapp2015/speakers/IzumiUAVapp2015.p">http://www.sparj.com/UAVapp/UAVapp2015/speakers/IzumiUAVapp2015.p</a>	
			93	1,298	103					259	216	137	142	134	136	139	135	<a href="http://www.sparj.com/SPAR2015J/speaker/program2015J.htm">http://www.sparj.com/SPAR2015J/speaker/program2015J.htm</a>	
SparView Vol.13 No.38			94	1,295	92								991	162	56	41	45	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(38)UAVnews.pdf">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(38)UAVnews.pdf</a>	
SparView Vol.13 No.37			95	1,264	96								1,024	106	45	46	43	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(37)ReallImage.p">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(37)ReallImage.p</a>	
2014J	AVEVA		96	1,258	88	138	46	148	244	167	121	103	24	83	95	84	5	<a href="http://www.sparj.com/SparJ/Spar2014J/speaker2014J/AVEVA6.pdf">http://www.sparj.com/SparJ/Spar2014J/speaker2014J/AVEVA6.pdf</a>	
2015J プラント	高砂熱学	今野	97	1,245	113				140	431	254	51	43	43	64	78	141	<a href="http://www.sparj.com/SPAR2015J/speaker/A1konno.pdf">http://www.sparj.com/SPAR2015J/speaker/A1konno.pdf</a>	
			98	1,244	95	76	96	107	119	126	118	114	100	67	98	110	113	<a href="http://www.sparj.com/SVJabst/SubHeadSVJabst.htm">http://www.sparj.com/SVJabst/SubHeadSVJabst.htm</a>	
			99	1,233	98			242	596	193	45	22	36	20	22	29	28	<a href="http://www.sparj.com/SPAR2015J/SPAR2015Jregist.htm">http://www.sparj.com/SPAR2015J/SPAR2015Jregist.htm</a>	
2015J 建築	竹中	染谷	100	1,233	134					31	125	135	161	126	207	141	307	<a href="http://www.sparj.com/SPAR2015J/speaker/A2someya.pdf">http://www.sparj.com/SPAR2015J/speaker/A2someya.pdf</a>	
			101	1,233	101											1,182	51	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(49)FlyingCar.pdf">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(49)FlyingCar.pdf</a>	
2015J 文化	東京芸大	山田	102	1,229	106					703	114	104	192	5	16	8	87	<a href="http://www.sparj.com/SPAR2015J/speaker/A3yamada.pdf">http://www.sparj.com/SPAR2015J/speaker/A3yamada.pdf</a>	
2011J 移動	みるくる	Jan Ahn	103	1,226	91	96	12	22	290	271	47	43	133	48	41	35	188	<a href="http://www.sparj.com/SparJ/Spar2011J/speaker/jan.pdf">http://www.sparj.com/SparJ/Spar2011J/speaker/jan.pdf</a>	
			104	1,222													1,222	<a href="http://www.sparj.com/SVJabst/SVabst(14)/SparViewVol14(01)CES.pdf">http://www.sparj.com/SVJabst/SVabst(14)/SparViewVol14(01)CES.pdf</a>	
2011J 基調	東大	柴崎	105	1,220	97		2			1	1,190	2				21	2	<a href="http://www.sparj.com/SparJ/Spar2011J/speaker/shibazaki.pdf">http://www.sparj.com/SparJ/Spar2011J/speaker/shibazaki.pdf</a>	
			106	1,220	100									1,037	106	40	37	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(42)UAVmanagen">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(42)UAVmanagen</a>	
UAV15	ルーチェサーチ	渡辺	107	1,218	124										802	218	198	<a href="http://www.sparj.com/UAVapp/UAVapp2015/speakers/WatanabeUAVapp20">http://www.sparj.com/UAVapp/UAVapp2015/speakers/WatanabeUAVapp20</a>	
			108	1,194	105										1,093	59	42	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(45)PhotoGram.p">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(45)PhotoGram.p</a>	
			109	1,194	102										958	223	13	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(47)Military.pdf">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(47)Military.pdf</a>	
2014J 基調	電大	近津	110	1,187	87		35	194	175	214		350	20	2	192	4	1	<a href="http://www.sparj.com/SparJ/Spar2014J/speaker2014J/Chikatsu6.pdf">http://www.sparj.com/SparJ/Spar2014J/speaker2014J/Chikatsu6.pdf</a>	
			111	1,168	108									1,029	53	41	45	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(40)CommercialU">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(40)CommercialU</a>	
			112	1,166	126	152	190	152	8	12	196	133	114	10	5	6	188	<a href="http://www.sparj.com/SparJ/Spar2008J/SpeakerPresenPDF/Noda1.pdf">http://www.sparj.com/SparJ/Spar2008J/SpeakerPresenPDF/Noda1.pdf</a>	
			113	1,164	110							948	75	53	19	21	48	<a href="http://www.sparj.com/SVJabst/SVabst(13)/Geo-Graphia.pdf">http://www.sparj.com/SVJabst/SVabst(13)/Geo-Graphia.pdf</a>	
2015J 基調	JR東日本	横山	114	1,160	122					181	142	192	96	102	169	144	134	<a href="http://www.sparj.com/SPAR2015J/speaker/M3yokoyama.pdf">http://www.sparj.com/SPAR2015J/speaker/M3yokoyama.pdf</a>	
			115	1,147	111										1,028	88	31	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(46)ParadShift.p">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(46)ParadShift.p</a>	
			116	1,145	114										1,057	46	42	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(44)CollisionAvoi">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(44)CollisionAvoi</a>	
2009J プラント	ENN	丸田	117	1,138	109	20	43	7	107	136	128	154	97	128	70	154	94	<a href="http://www.sparj.com/SparJ/Spar2009J/Maruta.pdf">http://www.sparj.com/SparJ/Spar2009J/Maruta.pdf</a>	
			118	1,127	112											1,112	15	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(48)HugeImpactB">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(48)HugeImpactB</a>	
			119	1,106	115	77	103	104	109	107	95	96	98	58	72	92	95	<a href="http://www.sparj.com/SparInt/SubHeadSparInt.htm">http://www.sparj.com/SparInt/SubHeadSparInt.htm</a>	
2015J 移動	つかさC	浜本	120	1,087	129					430	176	88	11	6	246	11	119	<a href="http://www.sparj.com/SPAR2015J/speaker/A4hamamoto.pdf">http://www.sparj.com/SPAR2015J/speaker/A4hamamoto.pdf</a>	
2012J プラント	大浦工測	小嶋	121	1,082	121	6	100	94	142	99	210	94	19	98	42	42	136	<a href="http://www.sparj.com/SparJ/Spar2012J/speakerPDF/Kojima.pdf">http://www.sparj.com/SparJ/Spar2012J/speakerPDF/Kojima.pdf</a>	
			122	1,072	117										1,049	9	14	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(43)RoboBee.pdf">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(43)RoboBee.pdf</a>	
			123	1,071	116									1,020	42	5	4	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(41)SF.pdf">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(41)SF.pdf</a>	
			124	1,046	120	99	162	150	140	122	65	72	35	33	46	56	66	<a href="http://www.sparj.com/SparJ/Spar2014J/speaker2014J/UAV.pdf">http://www.sparj.com/SparJ/Spar2014J/speaker2014J/UAV.pdf</a>	
			125	1,045													1,045	<a href="http://www.sparj.com/presen/kawamura/Topics3Dcapture&amp;UAV.pdf">http://www.sparj.com/presen/kawamura/Topics3Dcapture&amp;UAV.pdf</a>	
			126	1,044	119	204	190	202	238	210								<a href="http://www.sparj.com/UAVforumRev1.pdf">http://www.sparj.com/UAVforumRev1.pdf</a>	
2014J UAV	イメージワン	村木	127	1,036	93	1	1,028			1			1	1	1		3	<a href="http://www.sparj.com/SparJ/Spar2014J/speaker2014J/Muraki8.pdf">http://www.sparj.com/SparJ/Spar2014J/speaker2014J/Muraki8.pdf</a>	
			128	1,034	125												1,019	15	<a href="http://www.sparj.com/SPARP/SPAR2015P/sponsorsWeb/SPAR2015PexGui">http://www.sparj.com/SPARP/SPAR2015P/sponsorsWeb/SPAR2015PexGui</a>
			129	1,023	128								809	76	51	41	46	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(36)SmallLightSe">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(36)SmallLightSe</a>	
			130	1,007	118	100	93	112	159	123	50	71	64	68	76	43	48	<a href="http://www.sparj.com/SparInt/Spar2013IntReport.pdf">http://www.sparj.com/SparInt/Spar2013IntReport.pdf</a>	
			131	995	133								698	173	41	41	42	<a href="http://www.sparj.com/UASvision/2015/Sep25.pdf">http://www.sparj.com/UASvision/2015/Sep25.pdf</a>	
2009J 土木	サンキ	横山	132	993	138	31	15	58	37	32	98	185	59	181	153	32	112	<a href="http://www.sparj.com/SparJ/Spar2009J/Yokoyama.pdf">http://www.sparj.com/SparJ/Spar2009J/Yokoyama.pdf</a>	

2011J	土木	ソーキ	西嶋	133	970	131	53	40	92	100	101	129	98	72	61	129	28	67	<a href="http://www.sparj.com/SparJ/Spar2011J/speaker/Nishijima.pdf">http://www.sparj.com/SparJ/Spar2011J/speaker/Nishijima.pdf</a>
				134	970	123	47	78	118	125	100	87	106	92	74	72	69	2	<a href="http://www.sparj.com/SVJabst/SVJIndex1.xlsm">http://www.sparj.com/SVJabst/SVJIndex1.xlsm</a>
				135	968	144										392	435	141	<a href="http://www.sparj.com/SPARP/SPAR2015P/SPAR2015PChirasiA.pdf">http://www.sparj.com/SPARP/SPAR2015P/SPAR2015PChirasiA.pdf</a>
				136	954	132						925	25	2	1			1	<a href="http://www.sparj.com/SVJabst/SVabst(13)/No3UAVsafeSeminar.pdf">http://www.sparj.com/SVJabst/SVabst(13)/No3UAVsafeSeminar.pdf</a>
				137	940													940	<a href="http://www.sparj.com/SVJabst/SVabst(14)/SparViewVol14(03)Blog.pdf">http://www.sparj.com/SVJabst/SVabst(14)/SparViewVol14(03)Blog.pdf</a>
				138	933	136									838	42	21	32	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(39)CIMstd.pdf">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(39)CIMstd.pdf</a>
				139	932	163											658	274	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(51)Military2.pdf">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(51)Military2.pdf</a>
2009J	移動	ウエスコ	宮下	140	923	139	14	71	21	117	54	174	43	61	92	150	49	77	<a href="http://www.sparj.com/SparJ/Spar2009J/Miyashita.pdf">http://www.sparj.com/SparJ/Spar2009J/Miyashita.pdf</a>
2009J	文化	相互技研	田中	141	920	135	53	244	184	28	242	1	22	5	26	23	88	4	<a href="http://www.sparj.com/SparJ/Spar2009J/Tanaka.pdf">http://www.sparj.com/SparJ/Spar2009J/Tanaka.pdf</a>
2011J	建築	JM	斎藤	142	910	107	28	106	152	98	130	29	7	4	14	167	143	32	<a href="http://www.sparj.com/SparJ/Spar2011J/speaker/saito.pdf">http://www.sparj.com/SparJ/Spar2011J/speaker/saito.pdf</a>
				143	883	146	83	32	95	10	126	17	37	165	67	87	22	142	<a href="http://www.sparj.com/SparInt/SPAR_International2012Report(Hatake).pdf">http://www.sparj.com/SparInt/SPAR_International2012Report(Hatake).pdf</a>
				144	883	142								666	102	39	36	40	<a href="http://www.sparj.com/UASvision/2015/Sep21.pdf">http://www.sparj.com/UASvision/2015/Sep21.pdf</a>
				145	861	140								385	470	6			<a href="http://www.sparj.com/SPARP/SPAR2015P/SPAR2015PChirasi.pdf">http://www.sparj.com/SPARP/SPAR2015P/SPAR2015PChirasi.pdf</a>
2013J	土木	KRC	安井	146	856	137	60	35	165	101	102	98	43	43	64	68	42	35	<a href="http://www.sparj.com/SparJ/Spar2013J/speaker_pdf/yasui.pdf">http://www.sparj.com/SparJ/Spar2013J/speaker_pdf/yasui.pdf</a>
2014J	UAV	ルーチェサーチ	渡辺	147	851	99	7	694	2		132		1					14	<a href="http://www.sparj.com/SparJ/Spar2014J/speaker2014J/Watanabe6.pdf">http://www.sparj.com/SparJ/Spar2014J/speaker2014J/Watanabe6.pdf</a>
				148	840	143	23	102	148	67	95	187	90	14	14	21	56	23	<a href="http://www.sparj.com/SparJ/Spar2010J/speakers.pdf">http://www.sparj.com/SparJ/Spar2010J/speakers.pdf</a>
				149	830	151								87	192	406	69	76	<a href="http://www.sparj.com/UAVapp/UAVapp2015/UAVappSpeakers.pdf">http://www.sparj.com/UAVapp/UAVapp2015/UAVappSpeakers.pdf</a>
2008J	移動	三英技研	山本	150	826	130	3	116	85	92	49	83	143	22	85	26	97	25	<a href="http://www.sparj.com/SparJ/Spar2008J/SpeakerPresenPDF/Yamamoto.pdf">http://www.sparj.com/SparJ/Spar2008J/SpeakerPresenPDF/Yamamoto.pdf</a>
2008J		東大	増田	151	804	147	6	9	201	20	158	27	39	251	26	20	24	23	<a href="http://www.sparj.com/SparJ/Spar2008J/SpeakerPresenPDF/Masuda.pdf">http://www.sparj.com/SparJ/Spar2008J/SpeakerPresenPDF/Masuda.pdf</a>
				152	797	148						591	34	34	26	32	35	22	<a href="http://www.sparj.com/SPAR2015J/speaker/program2015J.pdf">http://www.sparj.com/SPAR2015J/speaker/program2015J.pdf</a>
2010J	移動	ECR	渡辺	153	788	150	1		24	1	35	1	3	137	4	547	5	30	<a href="http://www.sparj.com/SparJ/Spar2010J/speakerDoc/WatanabeDoc1A.pdf">http://www.sparj.com/SparJ/Spar2010J/speakerDoc/WatanabeDoc1A.pdf</a>
2015J	基調	金工大	鹿田	154	787	153					275	85	90	53	86	34	125	39	<a href="http://www.sparj.com/SPAR2015J/speaker/M1shikada.pdf">http://www.sparj.com/SPAR2015J/speaker/M1shikada.pdf</a>
				155	785	152								571	113	35	33	33	<a href="http://www.sparj.com/UASvision/2015/Sep28.pdf">http://www.sparj.com/UASvision/2015/Sep28.pdf</a>
				156	782	149								697	50	22	5	8	<a href="http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(35)Velodyne.pdf">http://www.sparj.com/SVJabst/SVabst(13)/SparViewVol13(35)Velodyne.pdf</a>
2014J	プラント	新潟原動機	福岡	157	777	104	73	2	2	151	3	80	144	4	73	160	1	84	<a href="http://www.sparj.com/SparJ/Spar2014J/speaker2014J/fukuoka6.pdf">http://www.sparj.com/SparJ/Spar2014J/speaker2014J/fukuoka6.pdf</a>
				158	777	185										334	157	286	<a href="http://www.sparj.com/UAVapp/UAVapp2015/speakers/UkaiUAVapp2015.pdf">http://www.sparj.com/UAVapp/UAVapp2015/speakers/UkaiUAVapp2015.pdf</a>
				159	755	141	100	158	188	158	151								<a href="http://www.sparj.com/SPAR2014P/SPAR2014P.pdf">http://www.sparj.com/SPAR2014P/SPAR2014P.pdf</a>
				160	751	156							584	67	35	32	33	33	<a href="http://www.sparj.com/JTC/JTC2015Seminar.pdf">http://www.sparj.com/JTC/JTC2015Seminar.pdf</a>
				161	748	164	97	104	26	55	96	90	45	34	31	26	30	114	<a href="http://www.sparj.com/SparInt/SPAR%20InternationalGuideRev5.pdf">http://www.sparj.com/SparInt/SPAR%20InternationalGuideRev5.pdf</a>
				162	748	145	57	69	4	71	91	3	106	3	3	82	110	149	<a href="http://www.sparj.com/SparJ/Spar2014J/speaker2014J/Seo1C.pdf">http://www.sparj.com/SparJ/Spar2014J/speaker2014J/Seo1C.pdf</a>
				163	738	161				12	194	72	52	68	35	144	105	56	<a href="http://www.sparj.com/SPAR2015J/speaker/R1soma.pdf">http://www.sparj.com/SPAR2015J/speaker/R1soma.pdf</a>
2010J	文化	アイテック	田子	164	728	154	82	21	24	62	77	116	30	15	32	41	206	22	<a href="http://www.sparj.com/SparJ/Spar2010J/speakerDoc/TagoDoc1.pdf">http://www.sparj.com/SparJ/Spar2010J/speakerDoc/TagoDoc1.pdf</a>
2014J	新技	ラテイス	原田	165	714	158	22	33	83	38	30	70	32	37	76	126	98	69	<a href="http://www.sparj.com/SparJ/Spar2014J/speaker2014J/Harada6.pdf">http://www.sparj.com/SparJ/Spar2014J/speaker2014J/Harada6.pdf</a>
				166	713	160					23	79	80	184	167	135	23	22	<a href="http://www.sparj.com/UAVapp/UAVapp2015/UAVapp2015SpoGuide.pdf">http://www.sparj.com/UAVapp/UAVapp2015/UAVapp2015SpoGuide.pdf</a>
				167	702	157	35	53	94	78	89	52	59	49	49	53	46	45	<a href="http://www.sparj.com/SparJ/Spar2014J/SSHeadSpar2014J.htm">http://www.sparj.com/SparJ/Spar2014J/SSHeadSpar2014J.htm</a>
				168	701	162								588	52	7	16	38	<a href="http://www.sparj.com/UASvision/2015/Sep22.pdf">http://www.sparj.com/UASvision/2015/Sep22.pdf</a>
				169	700	159								331	369				<a href="http://www.sparj.com/UAVapp/Chirasi.pdf">http://www.sparj.com/UAVapp/Chirasi.pdf</a>
				170	671	173				32	99	88	72	81	56	57	90	96	<a href="http://www.sparj.com/EnDIF/SubHeadEnDIF.htm">http://www.sparj.com/EnDIF/SubHeadEnDIF.htm</a>
2012J	移動	測量協会	都留	171	654	155	51	6	35	30	103	98	41	106	80	31	58	15	<a href="http://www.sparj.com/SparJ/Spar2012J/speakerPDF/Tsuru.pdf">http://www.sparj.com/SparJ/Spar2012J/speakerPDF/Tsuru.pdf</a>
				172	652	169									612	12	14	14	<a href="http://www.sparj.com/UASvision/2015/Sep29.pdf">http://www.sparj.com/UASvision/2015/Sep29.pdf</a>
				173	649	168									631	10	1	7	<a href="http://www.sparj.com/SVJabst/SVabst(13)/JTC2015Seminar1013.pdf">http://www.sparj.com/SVJabst/SVabst(13)/JTC2015Seminar1013.pdf</a>
				174	648	167	39	71	84	60	71	57	100	33	33	29	35	36	<a href="http://www.sparj.com/SparJ/Spar2014J/speaker2014J/speaker2014JTable">http://www.sparj.com/SparJ/Spar2014J/speaker2014J/speaker2014JTable</a>
				175	637	165	42	40	55	88	74	53	42	48	57	45	42	51	<a href="http://www.sparj.com/Service/SubHeadService.htm">http://www.sparj.com/Service/SubHeadService.htm</a>
				176	637	170					43	140	94	155	50	83	45	27	<a href="http://www.sparj.com/SPARP/SPAR2015P/SP2015PforumRev0.pdf">http://www.sparj.com/SPARP/SPAR2015P/SP2015PforumRev0.pdf</a>
				177	624	166	82	235	62	18	65	62	19	12	9	6	5	49	<a href="http://www.sparj.com/SparJ/Spar2014J/Spar2014JChirasi.pdf">http://www.sparj.com/SparJ/Spar2014J/Spar2014JChirasi.pdf</a>
				178	595	177								452	43	34	32	34	<a href="http://www.sparj.com/SVJabst/SVabst(13)/NaganoUAVstart.pdf">http://www.sparj.com/SVJabst/SVabst(13)/NaganoUAVstart.pdf</a>

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<http://www.sparj.com/SparJ/Spar2013J/SSHeadSpar2013J.htm>