

論文発表の現状

公益財団法人高輝度光科学研究センター 利用推進部

年別査読有り論文発表等登録数 (2020年9月30日現在)

SPring-8

Beamline Name		Public Use Since	~2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total	
Public Beamlines	BL01B1	XAFS	1997.10	415	76	65	74	92	75	87	94	81	82	65	1206
		Technical Journal				1									1
	BL02B1	Single Crystal Structure Analysis	1997.10	140	12	18	36	42	36	44	39	29	44	31	471
	BL02B2	Powder Diffraction	1999.9	505	82	59	96	71	82	95	79	73	72	69	1283
	BL04B1	High Temperature and High Pressure Research	1997.10	174	22	16	20	19	16	16	15	15	19	11	343
	BL04B2	High Energy X-ray Diffraction	1999.9	194	23	28	28	33	37	43	30	40	38	39	533
		Technical Journal					1								1
	BL08W	High Energy Inelastic Scattering	1997.10	128	20	19	15	13	19	15	16	14	10	16	285
	BL09XU	Nuclear Resonant Scattering	1997.10	110	13	13	15	15	18	16	19	28	14	7	268
	BL10XU	High Pressure Research	1997.10	295	32	28	21	30	29	30	28	23	25	22	563
	BL13XU	Surface and Interface Structure	2001.9	139	27	6	16	21	24	36	27	31	30	18	375
	BL14B2	Engineering Science Research II	2007.9	43	32	36	53	53	61	53	58	66	77	60	592
		Technical Journal				1	1	1					1	2	6
	BL19B2	Engineering Science Research I	2001.11	143	35	53	59	63	65	64	68	59	57	37	703
		Technical Journal				1	1	1	2			2	1	1	9
	BL20B2	Medical and Imaging I	1999.9	182	24	35	28	25	35	26	28	31	26	23	463
	BL20XU	Medical and Imaging II	2001.9	137	27	21	40	45	43	37	34	29	43	16	472
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	282	25	22	24	31	20	19	25	20	22	19	509
		Technical Journal				2									2
	BL27SU	Soft X-ray Photochemistry	1998.5	282	31	18	41	35	25	36	27	24	16	28	563
	BL28B2	White Beam X-ray Diffraction	1999.9	95	15	10	21	18	21	19	25	20	11	19	274
	BL35XU	High Resolution Inelastic Scattering	2001.9	75	12	8	14	13	16	15	15	14	8	19	209
	BL37XU	Trace Element Analysis	2002.11	96	23	14	32	28	35	29	29	29	21	18	354
		Technical Journal						1							1
	BL38B1	Structural Biology III	2000.10	329	48	60	59	48	65	60	38	30	30	23	790
	BL39XU	Magnetic Materials	1997.10	173	19	21	20	25	19	24	30	20	18	21	390
	BL40B2	Structural Biology II	1999.9	336	42	43	70	54	55	59	54	55	62	39	869
		Technical Journal					1		1						2
	BL40XU	High Flux	2000.4	89	13	18	37	21	32	42	30	34	42	16	374
		Technical Journal											1		1
BL41XU	Structural Biology I	1997.10	590	66	53	65	55	60	68	57	52	39	29	1134	
BL43IR	Infrared Materials Science	2000.4	69	8	11	10	11	17	15	23	10	19	20	213	
BL46XU	Engineering Science Research III	2000.11	100	22	15	38	28	56	51	49	45	48	20	472	
	Technical Journal								1	1				2	
BL47XU	HXPES・MCT	1997.10	227	31	17	36	36	31	29	37	28	27	20	519	
	Technical Journal									1				1	
Public Use at Other Beamlines	BL05XU	RIKEN Diagnosis Beamline I	2017.4									3	6	7	16
	BL11XU	QST Quantum Dynamics I	1999.3	13											13
	BL14B1	QST Quantum Dynamics II	1998.4	44	2	1		1							48
	BL15XU	WEBRAM	2002.9	32	1	1		1							35
	BL17SU	RIKEN Coherent Soft X-ray Spectroscopy	2005.9	8	7	6	11	12	5	2	3	5	8	4	71
	BL19LXU	RIKEN SR Physics	2002.9	5				1	1	2	5	6	2	1	23
	BL22XU	JAEA Actinide Science I	2004.9	5			1								6
	BL23SU	JAEA Actinide Science II	1998.6	46		2	3	2						1	54
	BL26B1	RIKEN Structural Genomics I	2009.4		3	8	2	9	6	15	15	22	28	21	129
	BL26B2	RIKEN Structural Genomics II	2009.4	1		5	3	5	7	11	8	9	8	5	62
		Technical Journal								1					1
	BL29XU	RIKEN Coherent X-ray Optics	2002.9	13				1	1	2	2	3			22
	BL32XU	RIKEN Targeted Proteins	2010.10		5	5	8	9	16	8	15	15	7	5	93
BL44B2	RIKEN Materials Science	1998.5	14						6	5	2	5	5	37	
BL45XU	RIKEN Structural Biology I	1997.10	84	9	6	7	9	13	20	10	6	15	12	191	
Subtotal			5613	807	741	1003	975	1041	1094	1037	971	979	766	15027	

Beamline Name		Public Use Since	~2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
BL03XU	Advanced Softmaterials	2009.11	1	5	8	24	21	14	17	23	9	19	11	152
	Technical Journal				35	42	39	36	33	31	28	28		272
BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science	2009.11	1	5	6	10	13	12	19	19	15	21	7	128
BL08B2	Hyogo Prefecture BM	2005.9	1	1	3	7	9	5	6	11	5	7	7	62
	Technical Journal				7	1	18	7	4	4	1	3		45
BL11XU	QST Quantum Dynamics I		76	6	13	16	14	8	20	20	13	18	9	213
BL12B2	NSRRC BM	2001.9	131	13	25	22	21	29	37	34	35	31	7	385
BL12XU	NSRRC ID	2003.2	46	10	14	11	18	19	18	25	20	20	8	209
BL14B1	QST Quantum Dynamics II		111	16	11	10	15	19	17	23	20	18	19	279
BL15XU	WEBRAM	2001.4	148	51	41	61	57	48	63	57	50	45	34	655
BL16B2	Sunbeam BM	1999.9	45	6	4	3	6	4	10	9	6	10	9	112
	Technical Journal		2		18	15	14	8	15	21	15	10	5	123
BL16XU	Sunbeam ID	1999.9	38	2	2	2	3	4	11	9	9	17	17	114
	Technical Journal				20	19	14	14	21	18	12	8	6	132
BL22XU	JAEA Actinide Science I		61	10	10	14	19	15	14	15	26	23	13	220
BL23SU	JAEA Actinide Science II		153	22	20	17	29	19	26	16	23	22	17	364
BL24XU	Hyogo Prefecture ID	1998.10	131	6	7	8	5	4	5	6	8	2	7	189
	Technical Journal				11	3	10	3	1	4		1	1	34
BL28XU	RISING II	2012.4				3	9	5	5	5	4	8	10	49
	Technical Journal												1	1
BL31LEP	Laser-Electron Photon II	2013.10					1		3	2	1	2	2	11
BL32B2	Pharmaceutical Industry (2002.9 - 2012.3)		24	3				1						28
BL33LEP	Laser-Electron Photon	2000.10	43	4	4	4	4	2	2	3	5	2		73
BL33XU	Toyota	2009.5		3	5	2	8	4	10	16	6	9	12	75
	Technical Journal			2	5	4	5	3	4	1				24
BL36XU	Catalytic Reaction Dynamics for Fuel Cell (2013.1 - 2020.3)					1	7	6	7	12	15	8	8	64
BL44XU	Macromolecular Assemblies	2000.2	195	49	59	59	50	64	54	61	46	45	31	713
Subtotal			1205	212	232	274	309	282	344	366	316	327	228	4095

RIKEN Beamlines	BL17SU	Coherent Soft X-ray Spectroscopy		63	10	14	3	8	5	8	5		1	6	123
	BL19LXU	SR Physics		77	9	11	12	13	9	5	6	1	4	1	148
	BL26B1	Structural Genomics I		151	7	8	7	4	5	4	4	1		1	192
	BL26B2	Structural Genomics II		70	18	19	13	4	3	7	10	2	2	1	149
	BL29XU	Coherent X-ray Optics		156	8	16	15	9	10	15	9	8	4	3	253
	BL32XU	Targeted Proteins			2	9	8	8	7	13	4	3	1	2	57
	BL43LXU	Quantum NanoDynamics					1		1	1				2	5
	BL44B2	Materials Science		204	13	13	19	16	20	16	18	14	4	1	338
	BL45XU	Structural Biology I		181	9	9	11	9	13	13	8	3		1	257
Subtotal			902	76	99	89	71	73	82	64	32	16	18	1522	

SACLA

Public Beamlines	Beamline Name		Public Use Since	~2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
	BL1	SXFEL	2016.3										7	5	6
BL2/BL3	XFEL2/XFEL1	2012.3			1	13	28	37	47	42	34	44	34	280	

Hardware / Software R & D	452	37	56	67	13	33	46	53	48	34	8	847
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NET Sum Total	7006	961	930	1202	1103	1193	1287	1261	1113	1130	823	18009
Technical Journal	2	2	89	80	97	67	74	71	54	47	11	594

査読有り論文発表等：査読有りの原著論文、査読有りのプロシーディングと博士論文、SPring-8/SACLA 利用研究成果集

Technical Journal：JASRI が認定した企業等の公開技術報告書

NET Sum Total：実際に登録されている件数（本表に表示していない実験以外に関する文献を含む）

複数ビームライン（BL）からの成果からなる論文はそれぞれのビームラインでカウントした。

このデータは論文発表等登録データベース（<https://user.spring8.or.jp/ui/search/publication2/>）に 2020 年 9 月 30 日までに登録されたデータに基づいており、今後変更される可能性があります。

・SPring-8 または SACLA での成果を論文等にする場合は必ずビームライン名および課題番号の記述を入れて下さい。

成果発表出版形式別登録数 (2020年9月30日現在)

SPring-8

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Public Beamlines	BL01B1	XAFS	1997.10	1207	66	88	1361
	BL02B1	Single Crystal Structure Analysis	1997.10	471	14	31	516
	BL02B2	Powder Diffraction	1999.9	1283	41	83	1407
	BL04B1	High Temperature and High Pressure Research	1997.10	343	7	48	398
	BL04B2	High Energy X-ray Diffraction	1999.9	534	13	58	605
	BL08W	High Energy Inelastic Scattering	1997.10	285	10	48	343
	BL09XU	Nuclear Resonant Scattering	1997.10	268	15	34	317
	BL10XU	High Pressure Research	1997.10	563	22	61	646
	BL13XU	Surface and Interface Structure	2001.9	375	19	37	431
	BL14B2	Engineering Science Research II	2007.9	598	11	36	645
	BL19B2	Engineering Science Research I	2001.11	712	47	90	849
	BL20B2	Medical and Imaging I	1999.9	463	88	88	639
	BL20XU	Medical and Imaging II	2001.9	472	106	136	714
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	511	15	61	587
	BL27SU	Soft X-ray Photochemistry	1998.5	563	21	38	622
	BL28B2	White Beam X-ray Diffraction	1999.9	274	16	23	313
	BL35XU	High Resolution Inelastic Scattering	2001.9	209	5	13	227
	BL37XU	Trace Element Analysis	2002.11	355	24	51	430
	BL38B1	Structural Biology III	2000.10	790	11	64	865
	BL39XU	Magnetic Materials	1997.10	390	17	80	487
	BL40B2	Structural Biology II	1999.9	871	15	117	1003
	BL40XU	High Flux	2000.4	375	24	70	469
	BL41XU	Structural Biology I	1997.10	1134	4	99	1237
	BL43IR	Infrared Materials Science	2000.4	213	15	60	288
	BL46XU	Engineering Science Research III	2000.11	474	20	40	534
	BL47XU	HXPES・MCT	1997.10	520	93	131	744
Public Use at Other Beamlines	BL05XU	RIKEN Diagnosis Beamline I	2017.4	16			16
	BL11XU	QST Quantum Dynamics I	1999.3	13	2	2	17
	BL14B1	QST Quantum Dynamics II	1998.4	48	1	11	60
	BL15XU	WEBRAM	2002.9	35	19	7	61
	BL17SU	RIKEN Coherent Soft X-ray Spectroscopy	2005.9	71	1	29	101
	BL19LXU	RIKEN SR Physics	2002.9	23		3	26
	BL22XU	JAEA Actinide Science I	2004.9	6			6
	BL23SU	JAEA Actinide Science II	1998.6	54	4	15	73
	BL26B1	RIKEN Structural Genomics I	2009.4	129		8	137
	BL26B2	RIKEN Structural Genomics II	2009.4	63		10	73
	BL29XU	RIKEN Coherent X-ray Optics	2002.9	22		1	23
	BL32XU	RIKEN Targeted Proteins	2010.10	93		4	97
	BL44B2	RIKEN Materials Science	1998.5	37		3	40
	BL45XU	RIKEN Structural Biology I	1997.10	191	5	19	215
Subtotal			15054	771	1797	17622	

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Contract Beamlines	BL03XU	Advanced Softmaterials	2009.11	424		14	438
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science	2009.11	128		11	139
	BL08B2	Hyogo Prefecture BM	2005. 9	107			107
	BL11XU	QST Quantum Dynamics I		213	8	37	258
	BL12B2	NSRRC BM	2001. 9	385	1	2	388
	BL12XU	NSRRC ID	2003. 2	209	7	5	221
	BL14B1	QST Quantum Dynamics II		279	12	69	360
	BL15XU	WEBRAM	2001. 4	655	14	58	727
	BL16B2	Sunbeam BM	1999. 9	235	12	70	317
	BL16XU	Sunbeam ID	1999. 9	246	8	56	310
	BL22XU	JAEA Actinide Science I		220	4	43	267
	BL23SU	JAEA Actinide Science II		364	45	109	518
	BL24XU	Hyogo Prefecture ID	1998.10	223	19	61	303
	BL28XU	RISING II	2012. 4	50			50
	BL31LEP	Laser-Electron Photon II	2013.10	11			11
	BL32B2	Pharmaceutical Industry (2002. 9 - 2012. 3)		28		3	31
	BL33LEP	Laser-Electron Photon	2000.10	73	23	3	99
	BL33XU	Toyota	2009. 5	99	5	28	132
	BL36XU	Catalytic Reaction Dynamics for Fuel Cell (2013. 1 - 2020. 3)		64		6	70
	BL44XU	Macromolecular Assemblies	2000. 2	713		43	756
Subtotal			4726	158	618	5502	
RIKEN Beamlines	BL17SU	Coherent Soft X-ray Spectroscopy		123	4	13	140
	BL19LXU	SR Physics		148	8	27	183
	BL26B1	Structural Genomics I		192	2	19	213
	BL26B2	Structural Genomics II		149	1	13	163
	BL29XU	Coherent X-ray Optics		253	14	37	304
	BL32XU	Targeted Proteins		57		3	60
	BL43LXU	Quantum NanoDynamics		5			5
	BL44B2	Materials Science		338	2	16	356
	BL45XU	Structural Biology I		257	5	45	307
	Subtotal			1522	36	173	1731

SACLA

Public Beamlines	Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total
	BL1	SXFEL	2016. 3	18			18
	BL2/BL3	XFEL2/XFEL1	2012. 3	280	4	14	298

Hardware / Software R & D	847	554	464	1865
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NET Sum Total	18603	1363	2360	22326
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Refereed Papers : 査読有りの原著論文、査読有りのプロシーディングと博士論文、SPring-8/SACLA 利用研究成果集、公開技術報告書

Proceedings : 査読なしのプロシーディング

Other Publications : 発表形式が出版で、上記の2つに当てはまらないもの(総説、単行本、賞、その他として登録されたもの)

NET Sum Total : 実際に登録されている件数(本表に表示していない実験以外に関する文献を含む)

複数ビームライン (BL) からの成果からなる論文等はそれぞれのビームラインでカウントした。

・SPring-8 または SACLA での成果を論文等にする場合は必ずビームライン名および課題番号の記述を入れて下さい。