

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 (2018年6月30日現在)

SPring-8

Beamline Name		Public Use Since	~2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Total	
Public Beamlines	BL01B1	XAFS	1997.10	298	59	58	75	65	74	92	75	83	85	29	993
		Technical Journal					1								1
	BL02B1	Single Crystal Structure Analysis	1997.10	108	13	19	12	18	36	42	36	41	33	12	370
	BL02B2	Powder Diffraction	1999.9	373	65	67	82	59	96	71	80	93	75	36	1097
	BL04B1	High Temperature and High Pressure Research	1997.10	132	21	21	22	16	20	19	16	16	14	7	304
	BL04B2	High Energy X-ray Diffraction	1999.9	140	26	28	23	28	28	33	37	43	28	16	430
		Technical Journal						1							1
	BL08W	High Energy Inelastic Scattering	1997.10	104	12	12	20	19	15	13	19	14	16	4	248
	BL09XU	Nuclear Resonant Scattering	1997.10	92	9	9	13	13	15	15	18	16	13	9	222
	BL10XU	High Pressure Research	1997.10	236	24	35	32	28	21	30	29	29	28	12	504
	BL13XU	Surface and Interface Structure	2001.9	105	16	18	27	6	16	21	24	36	25	17	311
	BL14B2	Engineering Science Research II	2007.9	2	16	25	32	36	53	53	60	49	55	23	404
		Technical Journal						1	1	1					3
	BL19B2	Engineering Science Research I	2001.11	105	20	18	35	53	58	62	63	62	62	24	562
		Technical Journal						1	1	1	2			1	6
	BL20B2	Medical and Imaging I	1999.9	150	15	17	24	35	28	25	34	25	26	6	385
	BL20XU	Medical and Imaging II	2001.9	78	24	36	27	21	40	44	40	37	26	5	378
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	240	21	21	25	22	24	31	20	19	22	8	453
		Technical Journal						2							2
	BL27SU	Soft X-ray Photochemistry	1998.5	243	15	24	31	18	41	35	25	35	25	12	504
	BL28B2	White Beam X-ray Diffraction	1999.9	72	14	9	15	10	21	18	21	19	25	7	231
	BL35XU	High Resolution Inelastic Scattering	2001.9	61	5	9	12	8	14	13	16	15	15	7	175
	BL37XU	Trace Element Analysis	2002.11	62	12	22	23	13	32	28	32	27	28	6	285
		Technical Journal								1					1
	BL38B1	Structural Biology III	2000.10	228	53	48	48	60	58	48	65	59	35	15	717
	BL39XU	Magnetic Materials	1997.10	130	28	15	19	21	20	25	19	24	29	9	339
	BL40B2	Structural Biology II	1999.9	260	31	44	42	43	70	54	54	58	50	28	734
		Technical Journal							1		1				2
	BL40XU	High Flux	2000.4	65	13	11	13	18	37	21	31	40	24	13	286
	BL41XU	Structural Biology I	1997.10	446	78	66	66	53	65	55	60	64	49	19	1021
BL43IR	Infrared Materials Science	2000.4	53	10	6	8	11	8	11	17	15	21	5	165	
BL46XU	Engineering Science Research III	2000.11	66	14	20	22	15	37	28	52	49	39	11	353	
	Technical Journal										1	1		2	
BL47XU	HXPES・MCT	1997.10	173	27	27	31	17	36	36	28	28	31	12	446	
	Technical Journal											1		1	
Public Use at Other Beamlines	BL11XU	QST Quantum Dynamics I	1999.3	13											13
	BL14B1	QST Quantum Dynamics II	1998.4	38	3	3	2	1		1					48
	BL15XU	WEBRAM	2002.9	29	2	1	1	1		1					35
	BL17SU	RIKEN Coherent Soft X-ray Spectroscopy	2005.9	5	2	1	7	6	11	12	5	2	3	4	58
	BL19LXU	RIKEN SR Physics	2002.9	5						1	1	2	1	1	11
	BL22XU	JAEA Actinide Science I	2004.9	5					1						6
	BL23SU	JAEA Actinide Science II	1998.6	42	2	2		2	3	2					53
	BL26B1	RIKEN Structural Genomics I	2009.4				3	8	2	9	5	14	14	6	61
	BL26B2	RIKEN Structural Genomics II	2009.4			1		5	3	5	7	10	8	7	46
		Technical Journal										1			1
	BL29XU	RIKEN Coherent X-ray Optics	2002.9	12	1					1				1	15
	BL32XU	RIKEN Targeted Proteins	2010.10				5	5	8	9	16	8	13	9	73
	BL44B2	RIKEN Materials Science	1998.5	14								6	3	1	24
BL45XU	RIKEN Structural Biology I	1997.10	65		8	9	6	7	9	13	20	9	4	161	
Subtotal			4250	662	701	806	740	998	973	1018	1058	930	385	12521	

Beamline Name		Public Use Since	~2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Total
BL03XU	Advanced Softmaterials	2009.11			1	5	8	24	21	14	17	18	5	113
	Technical Journal						35	42	39	36	33	30		215
BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science	2009.11			1	5	6	10	13	12	18	18	6	89
BL08B2	Hyogo Prefecture BM	2005.9			1	1	3	7	9	5	5	8	1	40
	Technical Journal						7	1	18	7	4	4	1	42
BL11XU	QST Quantum Dynamics I		60	7	9	6	13	16	14	8	18	18	5	174
BL12B2	NSRRC BM	2001.9	96	7	28	13	25	22	21	27	29	24	7	299
BL12XU	NSRRC ID	2003.2	26	5	15	10	14	11	16	19	17	22	6	161
BL14B1	QST Quantum Dynamics II		77	16	18	16	11	10	15	19	16	19	9	226
BL15XU	WEBRAM	2001.4	83	30	35	51	41	61	57	47	60	54	23	542
	Technical Journal		2				18	15	14	8	15	21	6	99
BL16B2	Sunbeam BM	1999.9	31	6	8	6	4	3	6	4	10	8	2	88
	Technical Journal		26	6	6	2	2	2	3	4	11	8	3	73
BL16XU	Sunbeam ID	1999.9	26	6	6	2	2	2	3	4	11	8	3	73
	Technical Journal						20	19	14	14	21	17	4	109
BL22XU	JAEA Actinide Science I		38	8	15	10	10	14	19	15	14	14	10	167
BL23SU	JAEA Actinide Science II		115	23	15	22	20	17	28	19	23	15	10	307
BL24XU	Hyogo Prefecture ID	1998.10	118	8	5	6	7	8	5	4	5	3	4	173
	Technical Journal						11	3	10	3	1	4		32
BL28XU	RISING II	2012.4						3	9	5	5	4	1	27
BL31LEP	Laser-Electron Photon II	2013.10							1		3	2		6
BL32B2	Pharmaceutical Industry (2002.9 - 2012.3)		21	1	2	3				1				28
BL33LEP	Laser-Electron Photon	2000.10	30	5	8	4	4	4	4	2	2	3	2	68
BL33XU	Toyota	2009.5				3	5	2	8	4	10	16	3	51
	Technical Journal					2	5	4	5	3	4	1		24
BL36XU	Catalytic Reaction Dynamics for Fuel Cell	2013.1						1	7	6	7	12	3	36
BL44XU	Macromolecular Assemblies	2000.2	144	30	21	49	59	59	50	64	52	57	16	601
Subtotal			865	152	188	212	232	274	306	279	322	323	116	3269

RIKEN Beamlines	BL17SU	Coherent Soft X-ray Spectroscopy		38	13	12	10	13	3	7	5	8	3		112
	BL19LXU	SR Physics		59	11	7	9	11	12	13	9	5	3	1	140
	BL26B1	Structural Genomics I		123	13	15	7	8	7	4	5	4	4	1	191
	BL26B2	Structural Genomics II		45	6	19	18	19	13	4	3	7	10	2	146
	BL29XU	Coherent X-ray Optics		131	9	16	8	16	15	9	10	14	6	6	240
	BL32XU	Targeted Proteins					2	9	8	8	7	13	3	2	52
	BL43LXU	Quantum NanoDynamics							1		1	1			3
	BL44B2	Materials Science		182	10	9	12	11	14	13	17	15	4		287
	BL45XU	Structural Biology I		164	9	8	9	9	11	9	13	13	4		249
	Subtotal			742	71	86	75	96	84	67	70	80	37	12	1420

SACLA

Public Beamlines	Beamline Name		Public Use Since	~2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Total
	BL1	SXFEL	2016.3												3
BL2/BL3	XFEL2/XFEL1	2012.3					1	13	27	37	46	37	12	173	

Hardware / Software R & D	379	32	39	37	56	67	12	33	43	53	20	771
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NET Sum Total	5310	806	885	959	928	1192	1092	1170	1240	1111	413	15106
Technical Journal	2			2	89	80	97	67	74	69	9	489

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 (<http://user.spring8.or.jp/?p=748&lang=ja>) に 2018 年 6 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 (2018年6月30日現在)

SPring-8

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Public Beamlines	BL01B1	XAFS	1997.10	994	66	86	1146
	BL02B1	Single Crystal Structure Analysis	1997.10	370	14	31	415
	BL02B2	Powder Diffraction	1999.9	1097	40	83	1220
	BL04B1	High Temperature and High Pressure Research	1997.10	304	7	48	359
	BL04B2	High Energy X-ray Diffraction	1999.9	431	13	51	495
	BL08W	High Energy Inelastic Scattering	1997.10	248	10	44	302
	BL09XU	Nuclear Resonant Scattering	1997.10	222	15	33	270
	BL10XU	High Pressure Research	1997.10	504	22	60	586
	BL13XU	Surface and Interface Structure	2001.9	311	18	35	364
	BL14B2	Engineering Science Research II	2007.9	407	10	33	450
	BL19B2	Engineering Science Research I	2001.11	568	45	89	702
	BL20B2	Medical and Imaging I	1999.9	385	87	87	559
	BL20XU	Medical and Imaging II	2001.9	378	104	120	602
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	455	15	60	530
	BL27SU	Soft X-ray Photochemistry	1998.5	504	21	35	560
	BL28B2	White Beam X-ray Diffraction	1999.9	231	16	22	269
	BL35XU	High Resolution Inelastic Scattering	2001.9	175	5	12	192
	BL37XU	Trace Element Analysis	2002.11	286	24	45	355
	BL38B1	Structural Biology III	2000.10	717	11	63	791
	BL39XU	Magnetic Materials	1997.10	339	17	77	433
	BL40B2	Structural Biology II	1999.9	736	13	112	861
	BL40XU	High Flux	2000.4	286	20	69	375
	BL41XU	Structural Biology I	1997.10	1021	4	97	1122
	BL43IR	Infrared Materials Science	2000.4	165	14	53	232
	BL46XU	Engineering Science Research III	2000.11	355	18	35	408
	BL47XU	HXPES・MCT	1997.10	447	93	121	661
Public Use at Other Beamlines	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	58	1	29	88
	BL19LXU	RIKEN SR Physics	2002.9	11		2	13
	BL22XU	JAEA Actinide Science I	2004.9	6			6
	BL23SU	JAEA Actinide Science II	1998.6	53	4	15	72
	BL26B1	RIKEN Structural Genomics I	2009.4	61		7	68
	BL26B2	RIKEN Structural Genomics II	2009.4	47		9	56
	BL29XU	RIKEN Coherent X-ray Optics	2002.9	15		1	16
	BL32XU	RIKEN Targeted Proteins	2010.10	73		3	76
	BL44B2	RIKEN Materials Science	1998.5	24		3	27
	BL45XU	RIKEN Structural Biology I	1997.10	161	5	18	184
Subtotal			12541	754	1708	15003	

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Contract Beamlines	BL03XU	Advanced Softmaterials	2009.11	328		11	339
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science	2009.11	89		8	97
	BL08B2	Hyogo Prefecture BM	2005.9	82			82
	BL11XU	QST Quantum Dynamics I		174	8	33	215
	BL12B2	NSRRC BM	2001.9	299	1	2	302
	BL12XU	NSRRC ID	2003.2	161	7	4	172
	BL14B1	QST Quantum Dynamics II		226	12	63	301
	BL15XU	WEBRAM	2001.4	542	11	45	598
	BL16B2	Sunbeam BM	1999.9	187	12	68	267
	BL16XU	Sunbeam ID	1999.9	182	8	53	243
	BL22XU	JAEA Actinide Science I		167	1	38	206
	BL23SU	JAEA Actinide Science II		307	44	102	453
	BL24XU	Hyogo Prefecture ID	1998.10	205	19	58	282
	BL28XU	RISING II	2012.4	27			27
	BL31LEP	Laser-Electron Photon II	2013.10	6			6
	BL32B2	Pharmaceutical Industry (2002.9 - 2012.3)		28		3	31
	BL33LEP	Laser-Electron Photon	2000.10	68	23	3	94
	BL33XU	Toyota	2009.5	75	5	26	106
	BL36XU	Catalytic Reaction Dynamics for Fuel Cell	2013.1	36		1	37
	BL44XU	Macromolecular Assemblies	2000.2	601		40	641
Subtotal			3790	151	558	4499	
RIKEN Beamlines	BL17SU	Coherent Soft X-ray Spectroscopy		112	4	13	129
	BL19LXU	SR Physics		140	8	26	174
	BL26B1	Structural Genomics I		191	2	19	212
	BL26B2	Structural Genomics II		146	1	13	160
	BL29XU	Coherent X-ray Optics		240	14	37	291
	BL32XU	Targeted Proteins		52		3	55
	BL43LXU	Quantum NanoDynamics		3			3
	BL44B2	Materials Science		287	2	16	305
	BL45XU	Structural Biology I		249	5	45	299
	Subtotal			1420	36	172	1628

SACLA

Public Beamlines	Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total
	BL1	SXFEL	2016.3	3			3
	BL2/BL3	XFEL2/XFEL1	2012.3	173	4	9	186

Hardware / Software R & D			771	514	461	1746
NET Sum Total			15595	1305	2234	19134

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、上記の二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。