

# 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9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	86	37	1002
		Technical Journal					1								1
	BL02B1	Single Crystal Structure Analysis	1997.10	108	13	19	12	18	36	42	36	41	34	20	379
	BL02B2	Powder Diffraction	1999.9	373	65	67	82	59	96	71	80	93	75	56	1117
	BL04B1	High Temperature and High Pressure Research	1997.10	132	21	21	22	16	20	19	16	16	14	11	308
	BL04B2	High Energy X-ray Diffraction	1999.9	140	26	28	23	28	28	33	37	43	28	22	436
		Technical Journal						1							1
	BL08W	High Energy Inelastic Scattering	1997.10	104	12	12	20	19	15	13	19	14	16	8	252
	BL09XU	Nuclear Resonant Scattering	1997.10	92	9	9	13	13	15	15	18	16	13	14	227
	BL10XU	High Pressure Research	1997.10	236	24	35	32	28	21	30	29	29	28	15	507
	BL13XU	Surface and Interface Structure	2001.9	105	16	18	27	6	16	21	24	36	26	25	320
	BL14B2	Engineering Science Research II	2007.9	2	16	25	32	36	53	53	61	50	56	44	428
		Technical Journal						1	1	1					3
	BL19B2	Engineering Science Research I	2001.11	105	20	18	35	53	58	62	63	62	62	48	586
		Technical Journal						1	1	1	2				7
	BL20B2	Medical and Imaging I	1999.9	150	15	17	24	35	28	25	35	25	26	15	395
	BL20XU	Medical and Imaging II	2001.9	78	24	36	27	21	40	44	43	37	26	12	388
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	240	21	21	25	22	24	31	20	19	24	12	459
		Technical Journal						2							2
	BL27SU	Soft X-ray Photochemistry	1998.5	243	15	24	31	18	41	35	25	35	25	15	507
	BL28B2	White Beam X-ray Diffraction	1999.9	72	14	9	15	10	21	18	21	19	25	12	236
	BL35XU	High Resolution Inelastic Scattering	2001.9	61	5	9	12	8	14	13	16	15	15	10	178
	BL37XU	Trace Element Analysis	2002.11	62	12	22	23	13	32	28	34	27	28	14	295
		Technical Journal								1					1
	BL38B1	Structural Biology III	2000.10	228	53	48	48	60	58	48	65	60	35	22	725
	BL39XU	Magnetic Materials	1997.10	130	28	15	19	21	20	25	19	24	29	13	343
	BL40B2	Structural Biology II	1999.9	260	31	44	42	43	70	54	54	59	51	40	748
		Technical Journal							1		1				2
	BL40XU	High Flux	2000.4	65	13	11	13	18	37	21	31	40	26	20	295
	BL41XU	Structural Biology I	1997.10	446	78	66	66	53	65	55	60	66	50	29	1034
BL43IR	Infrared Materials Science	2000.4	53	10	6	8	11	8	11	17	16	21	9	170	
BL46XU	Engineering Science Research III	2000.11	66	14	20	22	15	37	28	52	49	39	21	363	
	Technical Journal										1	1		2	
BL47XU	HXPES・MCT	1997.10	173	27	27	31	17	36	36	31	28	32	23	461	
	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	2	2	13
	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	15	13	69
	BL26B2	RIKEN Structural Genomics II	2009.4			1		5	3	5	7	10	8	8	47
		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	10	74
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	5	162	
Subtotal			4250	662	701	806	740	998	973	1028	1064	943	611	12776	

Beamline Name			Public Use Since	~2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Total	
Contract Beamlines	BL03XU	Advanced Softmaterials	2009.11			1	5	8	24	21	14	17	18	7	115	
		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	19	18	14	98	
		Technical Journal									1				1	
	BL08B2	Hyogo Prefecture BM	2005.9			1	1	3	7	9	5	5	9	1	41	
		Technical Journal						7	1	18	7	4	4	1	42	
	BL11XU	QST Quantum Dynamics I		60	7	9	6	13	16	14	8	19	19	10	181	
	BL12B2	NSRRC BM	2001.9	96	7	28	13	25	22	21	27	29	26	12	306	
	BL12XU	NSRRC ID	2003.2	26	5	15	10	14	11	16	19	17	23	11	167	
	BL14B1	QST Quantum Dynamics II		77	16	18	16	11	10	15	19	17	22	13	234	
	BL15XU	WEBRAM	2001.4	83	30	35	51	41	61	57	48	60	54	33	553	
	BL16B2	Sunbeam BM	1999.9	31	6	8	6	4	3	6	4	10	8	4	90	
		Technical Journal		2					18	15	14	8	15	21	11	104
	BL16XU	Sunbeam ID	1999.9	26	6	6	2	2	2	3	4	11	8	5	75	
		Technical Journal							20	19	14	14	21	18	8	114
	BL22XU	JAEA Actinide Science I		38	8	15	10	10	14	19	15	14	15	20	178	
	BL23SU	JAEA Actinide Science II		115	23	15	22	20	17	28	19	25	16	18	318	
	BL24XU	Hyogo Prefecture ID	1998.10	118	8	5	6	7	8	5	4	5	5	4	175	
		Technical Journal							11	3	10	3	1	4	32	
	BL28XU	RISING II	2012.4							3	9	5	5	4	2	28
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	6	54		
	Technical Journal					2	5	4	5	3	4	1		24		
BL36XU	Catalytic Reaction Dynamics for Fuel Cell	2013.1							1	7	6	7	12	8	41	
BL44XU	Macromolecular Assemblies	2000.2	144	30	21	49	59	59	50	64	52	57	24	609		
Subtotal				865	152	188	212	232	274	306	280	327	335	194	3365	

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

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Public Beamlines	Beamline Name		Public Use Since	~2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Total
	BL1	SXFEL	2016.3												4
BL2/BL3	XFEL2/XFEL1	2012.3						1	13	27	37	46	37	23	184

Hardware / Software R & D	379	32	39	37	56	67	12	33	43	53	23	774
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NET Sum Total	5310	806	885	959	928	1192	1092	1176	1251	1131	676	15406
Technical Journal	2			2	89	80	97	68	74	70	18	500

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 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 (2018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	1003	66	86	1155
	BL02B1	Single Crystal Structure Analysis	1997.10	379	14	31	424
	BL02B2	Powder Diffraction	1999.9	1117	40	83	1240
	BL04B1	High Temperature and High Pressure Research	1997.10	308	7	48	363
	BL04B2	High Energy X-ray Diffraction	1999.9	437	13	51	501
	BL08W	High Energy Inelastic Scattering	1997.10	252	10	44	306
	BL09XU	Nuclear Resonant Scattering	1997.10	227	15	33	275
	BL10XU	High Pressure Research	1997.10	507	22	61	590
	BL13XU	Surface and Interface Structure	2001.9	320	18	35	373
	BL14B2	Engineering Science Research II	2007.9	431	10	33	474
	BL19B2	Engineering Science Research I	2001.11	593	45	89	727
	BL20B2	Medical and Imaging I	1999.9	395	88	87	570
	BL20XU	Medical and Imaging II	2001.9	388	104	120	612
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	461	15	60	536
	BL27SU	Soft X-ray Photochemistry	1998.5	507	21	35	563
	BL28B2	White Beam X-ray Diffraction	1999.9	236	16	22	274
	BL35XU	High Resolution Inelastic Scattering	2001.9	178	5	12	195
	BL37XU	Trace Element Analysis	2002.11	296	24	45	365
	BL38B1	Structural Biology III	2000.10	725	11	63	799
	BL39XU	Magnetic Materials	1997.10	343	17	77	437
	BL40B2	Structural Biology II	1999.9	750	13	112	875
	BL40XU	High Flux	2000.4	295	20	69	384
	BL41XU	Structural Biology I	1997.10	1034	4	97	1135
	BL43IR	Infrared Materials Science	2000.4	170	14	59	243
	BL46XU	Engineering Science Research III	2000.11	365	18	35	418
	BL47XU	HXPES・MCT	1997.10	462	93	122	677
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	13		3	16
	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	69		7	76
	BL26B2	RIKEN Structural Genomics II	2009.4	48		9	57
	BL29XU	RIKEN Coherent X-ray Optics	2002.9	15		1	16
	BL32XU	RIKEN Targeted Proteins	2010.10	74		3	77
	BL44B2	RIKEN Materials Science	1998.5	24		3	27
	BL45XU	RIKEN Structural Biology I	1997.10	162	5	18	185
Subtotal			12797	755	1717	15269	

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Contract Beamlines	BL03XU	Advanced Softmaterials	2009.11	330		11	341
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science	2009.11	99		9	108
	BL08B2	Hyogo Prefecture BM	2005.9	83			83
	BL11XU	QST Quantum Dynamics I		181	8	35	224
	BL12B2	NSRRC BM	2001.9	306	1	2	309
	BL12XU	NSRRC ID	2003.2	167	7	4	178
	BL14B1	QST Quantum Dynamics II		234	12	63	309
	BL15XU	WEBRAM	2001.4	553	11	45	609
	BL16B2	Sunbeam BM	1999.9	194	12	68	274
	BL16XU	Sunbeam ID	1999.9	189	8	53	250
	BL22XU	JAEA Actinide Science I		178	1	38	217
	BL23SU	JAEA Actinide Science II		318	44	103	465
	BL24XU	Hyogo Prefecture ID	1998.10	207	19	61	287
	BL28XU	RISING II	2012.4	28			28
	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	78	5	26	109
	BL36XU	Catalytic Reaction Dynamics for Fuel Cell	2013.1	41		1	42
	BL44XU	Macromolecular Assemblies	2000.2	609		40	649
Subtotal			3897	151	565	4613	
RIKEN Beamlines	BL17SU	Coherent Soft X-ray Spectroscopy		112	4	13	129
	BL19LXU	SR Physics		140	8	27	175
	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	173	1629	

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Public Beamlines	Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total
	BL1	SXFEL	2016.3	4			4
BL2/BL3	XFEL2/XFEL1	2012.3	184	4	9	197	

Hardware / Software R & D	774	514	462	1750
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NET Sum Total	15906	1306	2249	19461
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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。