

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 (2016年12月31日現在)

SPring-8

Beamline Name		Public Use Since	~2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Total	
Public Beamlines	BL01B1	XAFS	1997.10	205	35	54	59	57	75	65	73	90	71	67	851
		Technical Journal							1						1
	BL02B1	Single Crystal Structure Analysis	1997.10	86	10	9	12	19	12	17	36	40	33	34	308
	BL02B2	Powder Diffraction	1999. 9	252	46	65	65	66	81	57	95	67	73	80	947
	BL04B1	High Temperature and High Pressure Research	1997.10	100	15	14	18	21	21	16	16	18	14	16	269
	BL04B2	High Energy X-ray Diffraction	1999. 9	81	39	17	26	28	23	28	28	31	35	33	369
		Technical Journal								1					1
	BL08W	High Energy Inelastic Scattering	1997.10	76	15	8	10	12	20	19	13	13	19	11	216
	BL09XU	Nuclear Resonant Scattering	1997.10	63	12	11	9	8	13	13	15	14	17	12	187
	BL10XU	High Pressure Research	1997.10	154	34	32	24	34	31	28	19	28	21	21	426
	BL13XU	Surface and Interface Structure	2001. 9	54	22	27	16	18	22	6	16	20	22	28	251
	BL14B2	Engineering Science Research II	2007. 9			2	16	25	31	35	50	53	59	39	310
		Technical Journal								1	1	1			3
	BL19B2	Engineering Science Research I	2001.11	60	19	22	20	18	35	52	56	58	61	50	451
		Technical Journal								1	1	1	2		5
	BL20B2	Medical and Imaging I	1999. 9	105	15	25	14	16	25	33	28	25	32	14	332
	BL20XU	Medical and Imaging II	2001. 9	34	20	24	24	35	28	20	40	43	37	26	331
	BL25SU	Soft X-ray Spectroscopy of Solid	1998. 4	165	42	24	21	20	24	22	24	27	19	16	404
		Technical Journal								2					2
	BL27SU	Soft X-ray Photochemistry	1998. 5	172	25	36	13	21	31	16	40	31	22	32	439
	BL28B2	White Beam X-ray Diffraction	1999. 9	37	16	15	14	9	15	9	20	16	19	13	183
	BL35XU	High Resolution Inelastic Scattering	2001. 9	26	13	19	5	9	12	8	13	12	15	12	144
	BL37XU	Trace Element Analysis	2002.11	35	13	12	12	20	23	13	30	28	30	19	235
		Technical Journal										1			1
	BL38B1	Structural Biology III	2000.10	139	42	45	53	46	46	59	58	48	62	46	644
	BL39XU	Magnetic Materials	1997.10	91	19	14	27	13	19	21	18	22	17	19	280
	BL40B2	Structural Biology II	1999. 9	187	47	24	30	43	41	41	70	54	50	47	634
		Technical Journal									1		1		2
	BL40XU	High Flux	2000. 4	42	14	9	12	11	13	17	36	18	28	29	229
	BL41XU	Structural Biology I	1997.10	315	68	61	78	65	65	53	65	55	54	44	923
BL43IR	Infrared Materials Science	2000. 4	32	8	13	10	5	8	10	8	11	17	12	134	
BL46XU	Engineering Science Research III	2000.11	34	12	18	12	19	22	15	34	24	46	37	273	
	Technical Journal											1		1	
BL47XU	HXPES・MCT	1997.10	114	27	22	27	25	28	16	34	35	22	23	373	
Public Use at Other Beamlines	BL11XU	QST Quantum Dynamics I	1999. 3	8	1	4								13	
	BL14B1	QST Quantum Dynamics II	1998. 4	27	7	3	3	3	2	1		1		47	
	BL15XU	WEBRAM	2002. 9	17	7	5	2	1	1	1		1		35	
	BL17SU	RIKEN Coherent Soft X-ray Spectroscopy	2005. 9		1	3	2	1	7	6	11	10	5	2	48
	BL19LXU	RIKEN SR Physics	2002. 9	5								1	1	1	8
	BL22XU	JAEA Actinide Science I	2004. 9	4		1					1				6
	BL23SU	JAEA Actinide Science II	1998. 6	25	13	4	2	2		2	3	2			53
	BL26B1	RIKEN Structural Genomics I	2009. 4						3	8	2	8	5	12	38
	BL26B2	RIKEN Structural Genomics II	2009. 4					1		5	3	4	5	8	26
	BL29XU	RIKEN Coherent X-ray Optics	2002. 9	6	2	4	1					1			14
	BL32XU	RIKEN Targeted Proteins	2010.10						5	5	8	9	12	3	42
	BL44B2	RIKEN Materials Science	1998. 5	9										4	13
	BL45XU	RIKEN Structural Biology I	1997.10	50	11	4	11	8	9	6	7	8	12	18	144
Subtotal				2810	670	650	648	679	791	723	970	926	935	828	10630

Beamline Name		Public Use Since	~2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Total	
Contract Beamlines	BL03XU	Advanced Softmaterials	2009.11				1	5	8	23	21	12	17	87	
		Technical Journal							35	42	39	36		152	
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science	2009.11				1	5	6	10	10	11	14	57	
	BL08B2	Hyogo Prefecture BM	2005. 9				1	1	3	6	7	5	5	28	
		Technical Journal							7	1	18	7	3	36	
	BL11XU	QST Quantum Dynamics I		37	13	7	7	9	6	13	16	14	8	17	147
	BL12B2	NSRRC BM	2001. 9	79	8	9	7	28	13	25	22	21	17	14	243
	BL12XU	NSRRC ID	2003. 2	12	6	8	5	15	10	14	11	16	17	11	125
	BL14B1	QST Quantum Dynamics II		44	11	18	16	18	16	11	10	15	19	13	191
	BL15XU	WEBRAM	2001. 4	52	14	17	28	35	49	40	59	56	45	48	443
	BL16B2	Sunbeam BM	1999. 9	22	6	3	6	6	5	3	3	6	3	8	71
		Technical Journal				2				18	17	14	11	10	72
	BL16XU	Sunbeam ID	1999. 9	20	5	1	6	5	2	2	2	3	4	7	57
		Technical Journal								21	21	18	18	9	87
	BL22XU	JAEA Actinide Science I		18	13	5	9	15	10	10	14	19	14	11	138
	BL23SU	JAEA Actinide Science II		71	14	25	22	15	22	20	17	27	18	21	272
	BL24XU	Hyogo Prefecture ID	1998.10	98	12	7	8	5	6	7	8	5	4	5	165
		Technical Journal								11	3	10	3	1	28
	BL28XU	RISING II	2012. 4								3	9	5	5	22
	BL31LEP	Laser-Electron Photon II	2013.10									1			1
	BL32B2	Pharmaceutical Industry (2002. 9 - 2012. 3)		11	4	6	1	2	3				1		28
	BL33LEP	Laser-Electron Photon	2000.10	22	2	3	5	8	2	3	4	3	2	1	55
	BL33XU	Toyota	2009. 5						2	5	2	8	4	10	31
		Technical Journal							2	5	4	5	3	4	23
	BL36XU	Catalytic Reaction Dynamics for Fuel Cell	2013. 1								1	7	6	5	19
	BL44XU	Macromolecular Assemblies	2000. 2	95	27	22	30	20	48	57	58	46	54	29	486
	Subtotal		581	135	131	150	184	205	227	269	294	249	241	2666	
RIKEN Beamlines	BL17SU	Coherent Soft X-ray Spectroscopy		11	9	18	13	12	10	13	3	7	4	4	104
	BL19LXU	SR Physics		38	12	5	11	7	8	10	12	13	8	1	125
	BL26B1	Structural Genomics I		79	20	23	13	14	7	8	7	4	5	3	183
	BL26B2	Structural Genomics II		18	6	19	6	18	18	19	13	4	3	4	128
	BL29XU	Coherent X-ray Optics		85	20	14	9	15	8	15	15	8	10	10	209
	BL32XU	Targeted Proteins							2	9	8	8	6	6	39
	BL43LXU	Quantum NanoDynamics											1	1	2
	BL44B2	Materials Science		144	21	15	10	9	12	11	13	12	16	6	269
	BL45XU	Structural Biology I		131	14	16	9	8	9	9	9	9	12	3	229
		Subtotal		506	102	110	71	83	74	94	80	65	65	38	1288

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Public Beamlines	Beamline Name	Public Use Since	~2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Total
BL2/BL3	XFEL2/XFEL1	2012. 3								14	23	33	39	109

Hardware / Software R & D	332	14	21	29	24	33	34	53	9	28	23	600
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NET Sum Total	3585	793	786	787	849	931	895	1146	1037	1057	939	12805
Technical Journal			2			2	90	84	100	73	24	375

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 2016 年 12 月 31 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 (2016年12月31日現在)

SPring-8

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Public Beamlines	BL01B1	XAFS	1997.10	852	66	84	1002
	BL02B1	Single Crystal Structure Analysis	1997.10	308	14	31	353
	BL02B2	Powder Diffraction	1999. 9	947	40	82	1069
	BL04B1	High Temperature and High Pressure Research	1997.10	269	7	48	324
	BL04B2	High Energy X-ray Diffraction	1999. 9	370	13	49	432
	BL08W	High Energy Inelastic Scattering	1997.10	216	10	40	266
	BL09XU	Nuclear Resonant Scattering	1997.10	187	15	33	235
	BL10XU	High Pressure Research	1997.10	426	22	59	507
	BL13XU	Surface and Interface Structure	2001. 9	251	18	33	302
	BL14B2	Engineering Science Research II	2007. 9	313	10	32	355
	BL19B2	Engineering Science Research I	2001.11	456	45	85	586
	BL20B2	Medical and Imaging I	1999. 9	332	87	86	505
	BL20XU	Medical and Imaging II	2001. 9	331	101	111	543
	BL25SU	Soft X-ray Spectroscopy of Solid	1998. 4	406	16	58	480
	BL27SU	Soft X-ray Photochemistry	1998. 5	439	21	33	493
	BL28B2	White Beam X-ray Diffraction	1999. 9	183	16	22	221
	BL35XU	High Resolution Inelastic Scattering	2001. 9	144	5	11	160
	BL37XU	Trace Element Analysis	2002.11	236	24	43	303
	BL38B1	Structural Biology III	2000.10	644	11	56	711
	BL39XU	Magnetic Materials	1997.10	280	17	74	371
	BL40B2	Structural Biology II	1999. 9	636	13	105	754
	BL40XU	High Flux	2000. 4	229	20	68	317
	BL41XU	Structural Biology I	1997.10	923	4	96	1023
	BL43IR	Infrared Materials Science	2000. 4	134	14	53	201
	BL46XU	Engineering Science Research III	2000.11	274	18	32	324
	BL47XU	HXPES・MCT	1997.10	373	93	117	583
Public Use at Other Beamlines	BL11XU	QST Quantum Dynamics I	1999. 3	13	2	2	17
	BL14B1	QST Quantum Dynamics II	1998. 4	47	1	11	59
	BL15XU	WEBRAM	2002. 9	35	19	7	61
	BL17SU	RIKEN Coherent Soft X-ray Spectroscopy	2005. 9	48	1	29	78
	BL19LXU	RIKEN SR Physics	2002. 9	8		1	9
	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	38		3	41
	BL26B2	RIKEN Structural Genomics II	2009. 4	26	1	5	32
	BL29XU	RIKEN Coherent X-ray Optics	2002. 9	14		1	15
	BL32XU	RIKEN Targeted Proteins	2010.10	42		3	45
	BL44B2	RIKEN Materials Science	1998. 5	13		3	16
	BL45XU	RIKEN Structural Biology I	1997.10	144	5	18	167
	Subtotal			10646	753	1639	13038

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Contract Beamlines	BL03XU	Advanced Softmaterials	2009.11	239		9	248
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science	2009.11	57		7	64
	BL08B2	Hyogo Prefecture BM	2005. 9	64			64
	BL11XU	QST Quantum Dynamics I		147	8	33	188
	BL12B2	NSRRC BM	2001. 9	243	1	2	246
	BL12XU	NSRRC ID	2003. 2	125	7	3	135
	BL14B1	QST Quantum Dynamics II		191	11	62	264
	BL15XU	WEBRAM	2001. 4	443	11	38	492
	BL16B2	Sunbeam BM	1999. 9	143	12	61	216
	BL16XU	Sunbeam ID	1999. 9	144	8	43	195
	BL22XU	JAEA Actinide Science I		138	1	35	174
	BL23SU	JAEA Actinide Science II		272	44	101	417
	BL24XU	Hyogo Prefecture ID	1998.10	193	19	58	270
	BL28XU	RISING II	2012. 4	22			22
	BL31LEP	Laser-Electron Photon II	2013.10	1			1
	BL32B2	Pharmaceutical Industry (2002. 9 - 2012. 3)		28		3	31
	BL33LEP	Laser-Electron Photon	2000.10	55	23	3	81
	BL33XU	Toyota	2009. 5	54	5	11	70
	BL36XU	Catalytic Reaction Dynamics for Fuel Cell	2013. 1	19			19
BL44XU	Macromolecular Assemblies	2000. 2	486		39	525	
Subtotal			3064	150	508	3722	
RIKEN Beamlines	BL17SU	Coherent Soft X-ray Spectroscopy		104	4	13	121
	BL19LXU	SR Physics		125	8	26	159
	BL26B1	Structural Genomics I		183	2	19	204
	BL26B2	Structural Genomics II		128	1	13	142
	BL29XU	Coherent X-ray Optics		209	14	37	260
	BL32XU	Targeted Proteins		39		4	43
	BL43LXU	Quantum NanoDynamics		2			2
	BL44B2	Materials Science		269	2	15	286
	BL45XU	Structural Biology I		229	5	44	278
Subtotal			1288	36	171	1495	

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Public Beamlines	Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total
	BL2/BL3	XFEL2/XFEL1	2012. 3	109	3	14	126

Hardware / Software R & D	600	502	458	1560
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NET Sum Total	13180	1289	2145	16614
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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。