

# 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3月31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	82	84	15	977
		Technical Journal						1							1
	BL02B1	Single Crystal Structure Analysis	1997.10	108	13	19	12	18	36	42	36	40	33	8	365
	BL02B2	Powder Diffraction	1999.9	373	65	67	82	59	96	71	80	92	68	11	1064
	BL04B1	High Temperature and High Pressure Research	1997.10	132	21	21	22	16	20	19	16	16	13	5	301
	BL04B2	High Energy X-ray Diffraction	1999.9	140	26	28	23	28	28	33	37	43	28	9	423
		Technical Journal							1						1
	BL08W	High Energy Inelastic Scattering	1997.10	104	12	12	20	19	15	13	19	14	16		244
	BL09XU	Nuclear Resonant Scattering	1997.10	92	9	9	13	13	15	15	18	16	14	6	220
	BL10XU	High Pressure Research	1997.10	236	24	35	32	28	21	30	29	29	28	9	501
	BL13XU	Surface and Interface Structure	2001.9	105	16	18	27	6	16	20	23	34	22	5	292
	BL14B2	Engineering Science Research II	2007.9	2	16	25	32	36	53	53	60	48	55	16	396
		Technical Journal						1	1	1					3
	BL19B2	Engineering Science Research I	2001.11	105	20	18	35	53	57	61	63	62	60	17	551
		Technical Journal						1	1	1	2				5
	BL20B2	Medical and Imaging I	1999.9	150	15	17	24	35	28	25	34	24	25	3	380
	BL20XU	Medical and Imaging II	2001.9	78	24	36	27	21	40	44	38	37	25	3	373
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	240	21	21	25	22	24	31	20	19	20	5	448
		Technical Journal						2							2
	BL27SU	Soft X-ray Photochemistry	1998.5	243	15	24	31	18	41	35	25	35	23	2	492
	BL28B2	White Beam X-ray Diffraction	1999.9	72	14	9	15	10	21	18	21	18	25	1	224
	BL35XU	High Resolution Inelastic Scattering	2001.9	61	5	9	12	8	14	13	16	15	15	3	171
	BL37XU	Trace Element Analysis	2002.11	62	12	22	23	13	32	28	32	27	26	4	281
		Technical Journal								1					1
	BL38B1	Structural Biology III	2000.10	228	53	48	48	60	58	48	65	59	34	7	708
	BL39XU	Magnetic Materials	1997.10	130	28	15	19	21	20	25	19	22	30	4	333
	BL40B2	Structural Biology II	1999.9	260	31	44	42	43	70	54	54	58	50	15	721
		Technical Journal							1		1				2
	BL40XU	High Flux	2000.4	65	13	11	13	18	37	21	31	39	24	9	281
	BL41XU	Structural Biology I	1997.10	446	78	66	66	53	65	55	60	63	43	9	1004
BL43IR	Infrared Materials Science	2000.4	53	10	6	8	11	8	11	17	15	20	5	164	
BL46XU	Engineering Science Research III	2000.11	66	14	20	22	15	37	28	52	49	37	5	345	
	Technical Journal										1	1		2	
BL47XU	HXPES・MCT	1997.10	173	27	27	31	17	36	36	27	28	30	7	439	
	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	13	2	56
	BL26B2	RIKEN Structural Genomics II	2009.4			1		5	3	5	7	10	7	4	42
		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	4	68
BL44B2	RIKEN Materials Science	1998.5	14								6	3		23	
BL45XU	RIKEN Structural Biology I	1997.10	65	11	8	9	6	7	9	13	20	9	2	159	
Subtotal			4250	662	701	806	740	997	971	1014	1046	897	201	12285	

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	16	3	109	
	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	14	3	82	
BL08B2	Hyogo Prefecture BM	2005.9			1	1	3	6	7	5	5	8	1	37	
	Technical Journal						7	1	18	7	4	4		41	
BL11XU	QST Quantum Dynamics I		60	7	9	6	13	16	14	8	18	17	3	171	
BL12B2	NSRRC BM	2001.9	96	7	28	13	25	22	21	27	29	22	6	296	
BL12XU	NSRRC ID	2003.2	26	5	15	10	14	11	16	19	16	22	4	158	
BL14B1	QST Quantum Dynamics II		77	16	18	16	11	10	15	19	16	18	6	222	
BL15XU	WEBRAM	2001.4	83	30	35	51	41	61	56	47	58	46	8	516	
	Sunbeam BM	1999.9	31	6	8	6	4	3	6	4	10	8	1	87	
	Technical Journal		2				18	15	14	8	15	20	1	93	
BL16XU	Sunbeam ID	1999.9	26	6	6	2	2	2	3	4	11	8	3	73	
	Technical Journal						20	19	14	14	21	15	1	104	
BL22XU	JAEA Actinide Science I		38	8	15	10	10	14	19	15	14	14	6	163	
BL23SU	JAEA Actinide Science II		115	23	15	22	20	17	27	19	23	14	8	303	
BL24XU	Hyogo Prefecture ID	1998.10	118	8	5	6	7	8	5	4	5	3	3	172	
	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	1	49	
	Technical Journal					2	5	4	5	3	4	1		24	
BL36XU	Catalytic Reaction Dynamics for Fuel Cell	2013.1						1	7	6	7	12	1	34	
BL44XU	Macromolecular Assemblies	2000.2	144	30	21	49	57	58	48	58	48	53	6	572	
Subtotal			865	152	188	212	230	272	300	273	315	300	66	3173	
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	4	3	138	
	BL26B1	Structural Genomics I		123	13	15	7	8	7	4	5	4	1	187	
	BL26B2	Structural Genomics II		45	6	19	18	19	13	4	3	7	9	143	
	BL29XU	Coherent X-ray Optics		131	9	16	8	16	15	9	10	14	6	4	238
	BL32XU	Targeted Proteins					2	9	8	8	7	13	1		48
	BL43LXU	Quantum NanoDynamics							1		1	1			3
	BL44B2	Materials Science		182	10	9	12	11	14	13	17	14	3		285
	BL45XU	Structural Biology I		164	9	8	9	9	11	9	13	12	4		248
	Subtotal			742	71	86	75	96	84	67	70	77	30	4	1402

SACLA

Public Beamlines	Beamline Name		Public Use Since	~2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Total
	BL1	SXFEL	2016.3												2
BL2/BL3	XFEL2/XFEL1	2012.3						1	13	27	37	46	34	10	168

Hardware / Software R & D	379	32	39	35	56	67	12	33	43	52	8	756
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NET Sum Total	5310	806	885	958	926	1189	1085	1160	1224	1063	225	14831
Technical Journal	2			2	89	80	97	67	74	67	2	480

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 3 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 (2018年3月31日現在)

SPring-8

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Public Beamlines	BL01B1	XAFS	1997.10	978	66	86	1130
	BL02B1	Single Crystal Structure Analysis	1997.10	365	14	31	410
	BL02B2	Powder Diffraction	1999.9	1064	40	82	1186
	BL04B1	High Temperature and High Pressure Research	1997.10	301	7	48	356
	BL04B2	High Energy X-ray Diffraction	1999.9	424	13	50	487
	BL08W	High Energy Inelastic Scattering	1997.10	244	10	43	297
	BL09XU	Nuclear Resonant Scattering	1997.10	220	15	33	268
	BL10XU	High Pressure Research	1997.10	501	22	60	583
	BL13XU	Surface and Interface Structure	2001.9	292	18	34	344
	BL14B2	Engineering Science Research II	2007.9	399	10	33	442
	BL19B2	Engineering Science Research I	2001.11	556	45	88	689
	BL20B2	Medical and Imaging I	1999.9	380	87	87	554
	BL20XU	Medical and Imaging II	2001.9	373	104	120	597
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	450	15	60	525
	BL27SU	Soft X-ray Photochemistry	1998.5	492	21	35	548
	BL28B2	White Beam X-ray Diffraction	1999.9	224	16	22	262
	BL35XU	High Resolution Inelastic Scattering	2001.9	171	5	12	188
	BL37XU	Trace Element Analysis	2002.11	282	24	45	351
	BL38B1	Structural Biology III	2000.10	708	11	61	780
	BL39XU	Magnetic Materials	1997.10	333	17	77	427
	BL40B2	Structural Biology II	1999.9	723	13	110	846
	BL40XU	High Flux	2000.4	281	20	68	369
	BL41XU	Structural Biology I	1997.10	1004	4	97	1105
	BL43IR	Infrared Materials Science	2000.4	164	14	53	231
	BL46XU	Engineering Science Research III	2000.11	347	18	33	398
	BL47XU	HXPES・MCT	1997.10	440	93	121	654
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	56		6	62
	BL26B2	RIKEN Structural Genomics II	2009.4	43		9	52
	BL29XU	RIKEN Coherent X-ray Optics	2002.9	15		1	16
	BL32XU	RIKEN Targeted Proteins	2010.10	68		3	71
	BL44B2	RIKEN Materials Science	1998.5	23		3	26
	BL45XU	RIKEN Structural Biology I	1997.10	159	5	18	182
Subtotal			12304	754	1695	14753	

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Contract Beamlines	BL03XU	Advanced Softmaterials	2009.11	324		11	335
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science	2009.11	82		8	90
	BL08B2	Hyogo Prefecture BM	2005. 9	78			78
	BL11XU	QST Quantum Dynamics I		171	8	33	212
	BL12B2	NSRRC BM	2001. 9	296	1	2	299
	BL12XU	NSRRC ID	2003. 2	158	7	4	169
	BL14B1	QST Quantum Dynamics II		222	12	63	297
	BL15XU	WEBRAM	2001. 4	516	11	42	569
	BL16B2	Sunbeam BM	1999. 9	180	12	68	260
	BL16XU	Sunbeam ID	1999. 9	177	8	52	237
	BL22XU	JAEA Actinide Science I		163	1	38	202
	BL23SU	JAEA Actinide Science II		303	44	102	449
	BL24XU	Hyogo Prefecture ID	1998.10	204	19	58	281
	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	73	5	24	102
	BL36XU	Catalytic Reaction Dynamics for Fuel Cell	2013. 1	34		1	35
	BL44XU	Macromolecular Assemblies	2000. 2	572		40	612
Subtotal			3682	151	552	4385	
RIKEN Beamlines	BL17SU	Coherent Soft X-ray Spectroscopy		112	4	13	129
	BL19LXU	SR Physics		138	8	26	172
	BL26B1	Structural Genomics I		187	2	19	208
	BL26B2	Structural Genomics II		143	1	13	157
	BL29XU	Coherent X-ray Optics		238	14	37	289
	BL32XU	Targeted Proteins		48		3	51
	BL43LXU	Quantum NanoDynamics		3			3
	BL44B2	Materials Science		285	2	16	303
	BL45XU	Structural Biology I		248	5	44	297
	Subtotal			1402	36	171	1609

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Public Beamlines	Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total
	BL1	SXFEL	2016. 3	2			2
	BL2/BL3	XFEL2/XFEL1	2012. 3	168	4	9	181

Hardware / Software R & D	756	515	458	1729
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NET Sum Total	15311	1306	2220	18837
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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。