

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12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	85	89	56	1026
		Technical Journal						1							1
	BL02B1	Single Crystal Structure Analysis	1997.10	108	13	19	12	18	36	42	36	42	36	25	387
	BL02B2	Powder Diffraction	1999.9	373	65	67	82	59	96	71	81	94	77	66	1131
	BL04B1	High Temperature and High Pressure Research	1997.10	132	21	21	22	16	20	19	16	16	15	12	310
	BL04B2	High Energy X-ray Diffraction	1999.9	140	26	28	23	28	28	33	37	43	28	30	444
		Technical Journal							1						1
	BL08W	High Energy Inelastic Scattering	1997.10	104	12	12	20	19	15	13	19	15	16	13	258
	BL09XU	Nuclear Resonant Scattering	1997.10	92	9	9	13	13	15	15	18	16	17	24	241
	BL10XU	High Pressure Research	1997.10	236	24	35	32	28	21	30	29	29	28	18	510
	BL13XU	Surface and Interface Structure	2001.9	105	16	18	27	6	16	21	24	36	27	29	325
	BL14B2	Engineering Science Research II	2007.9	2	16	25	32	36	53	53	61	51	58	54	441
		Technical Journal						1	1	1					3
	BL19B2	Engineering Science Research I	2001.11	105	20	18	35	53	58	62	63	62	62	52	590
		Technical Journal						1	1	1	2			2	7
	BL20B2	Medical and Imaging I	1999.9	150	15	17	24	35	28	25	35	25	28	25	407
	BL20XU	Medical and Imaging II	2001.9	78	24	36	27	21	40	44	43	37	27	23	400
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	240	21	21	25	22	24	31	20	19	25	18	466
		Technical Journal						2							2
	BL27SU	Soft X-ray Photochemistry	1998.5	243	15	24	31	18	41	35	25	35	27	19	513
	BL28B2	White Beam X-ray Diffraction	1999.9	72	14	9	15	10	21	18	21	19	25	14	238
	BL35XU	High Resolution Inelastic Scattering	2001.9	61	5	9	12	8	14	13	16	15	15	13	181
	BL37XU	Trace Element Analysis	2002.11	62	12	22	23	13	32	28	35	28	28	19	302
		Technical Journal								1					1
	BL38B1	Structural Biology III	2000.10	228	53	48	48	60	59	48	65	60	36	24	729
	BL39XU	Magnetic Materials	1997.10	130	28	15	19	21	20	25	19	24	29	17	347
	BL40B2	Structural Biology II	1999.9	261	31	44	42	43	70	54	54	59	52	51	761
		Technical Journal							1		1				2
	BL40XU	High Flux	2000.4	65	13	11	13	18	37	21	31	41	29	27	306
	BL41XU	Structural Biology I	1997.10	446	78	66	66	53	65	55	60	67	52	36	1044
BL43IR	Infrared Materials Science	2000.4	53	10	6	8	11	8	11	17	15	23	10	172	
BL46XU	Engineering Science Research III	2000.11	66	14	20	22	15	37	28	52	49	40	26	369	
	Technical Journal										1	1		2	
BL47XU	HXPES・MCT	1997.10	173	27	27	31	17	36	36	30	29	33	27	466	
	Technical Journal											1		1	
Public Use at Other Beamlines	BL05XU	RIKEN Diagnosis Beamline I	2017.4											1	1
	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	6	60
	BL19LXU	RIKEN SR Physics	2002.9	5						1	1	2	5	6	20
	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	17	73
	BL26B2	RIKEN Structural Genomics II	2009.4			1		5	3	5	7	10	8	9	48
		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	13	77
	BL44B2	RIKEN Materials Science	1998.5	14								6	3	1	24
BL45XU	RIKEN Structural Biology I	1997.10	65	11	8	9	6	7	9	13	20	10	5	163	
Subtotal				4251	662	701	806	740	999	973	1029	1073	979	787	13000

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	20	9	119
		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	20	19	11	183
	BL12B2	NSRRC BM	2001.9	96	7	28	13	25	22	21	27	29	28	18	314
	BL12XU	NSRRC ID	2003.2	26	5	15	10	14	11	16	19	17	24	11	168
	BL14B1	QST Quantum Dynamics II		77	16	18	16	11	10	15	19	17	23	19	241
	BL15XU	WEBRAM	2001.4	83	30	35	51	41	61	57	48	60	54	37	557
	BL16B2	Sunbeam BM	1999.9	31	6	8	6	4	3	6	4	10	8	5	91
		Technical Journal		2				18	15	14	8	15	21	12	105
	BL16XU	Sunbeam ID	1999.9	26	6	6	2	2	2	3	4	11	8	9	79
		Technical Journal						20	19	14	14	21	18	9	115
	BL22XU	JAEA Actinide Science I		38	8	15	10	10	14	19	15	14	15	24	182
	BL23SU	JAEA Actinide Science II		115	23	15	22	20	17	28	19	25	16	21	321
	BL24XU	Hyogo Prefecture ID	1998.10	118	8	5	6	7	8	5	4	5	5	6	177
		Technical Journal						11	3	10	3	1	4		32
	BL28XU	RISING II	2012.4						3	9	5	5	5	2	29
	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	10	43
BL44XU	Macromolecular Assemblies	2000.2	144	30	21	49	59	59	50	64	52	57	29	614	
Subtotal			865	152	188	212	232	274	306	280	328	342	234	3413	

RIKEN Beamlines	BL17SU	Coherent Soft X-ray Spectroscopy		38	13	12	10	13	3	7	5	8	4		113
	BL19LXU	SR Physics		59	11	7	9	11	12	13	9	5	5	1	142
	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	8	8	244
	BL32XU	Targeted Proteins					2	9	8	8	7	13	4	2	53
	BL43LXU	Quantum NanoDynamics							1		1	1			3
	BL44B2	Materials Science		182	10	9	12	11	14	13	17	15	7	3	293
	BL45XU	Structural Biology I		164	9	8	9	9	11	9	13	13	8	1	254
	Subtotal			742	71	86	75	96	84	67	70	80	50	18	1439

SACLA

Public Beamlines	Beamline Name		Public Use Since	~2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Total
	BL1	SXFEL	2016.3												5
BL2/BL3	XFEL2/XFEL1	2012.3						1	13	28	37	46	39	29	193

Hardware / Software R & D	379	32	39	37	56	67	12	33	43	52	30	780
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NET Sum Total	5311	806	885	959	928	1193	1093	1177	1256	1171	848	15627
Technical Journal	2			2	89	80	97	68	74	70	20	502

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 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 (2018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	1027	66	86	1179
	BL02B1	Single Crystal Structure Analysis	1997.10	387	14	31	432
	BL02B2	Powder Diffraction	1999.9	1131	40	83	1254
	BL04B1	High Temperature and High Pressure Research	1997.10	310	7	48	365
	BL04B2	High Energy X-ray Diffraction	1999.9	445	13	52	510
	BL08W	High Energy Inelastic Scattering	1997.10	258	10	44	312
	BL09XU	Nuclear Resonant Scattering	1997.10	241	15	33	289
	BL10XU	High Pressure Research	1997.10	510	22	61	593
	BL13XU	Surface and Interface Structure	2001.9	325	18	35	378
	BL14B2	Engineering Science Research II	2007.9	444	10	33	487
	BL19B2	Engineering Science Research I	2001.11	597	45	89	731
	BL20B2	Medical and Imaging I	1999.9	407	88	87	582
	BL20XU	Medical and Imaging II	2001.9	400	104	121	625
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	468	15	60	543
	BL27SU	Soft X-ray Photochemistry	1998.5	513	21	35	569
	BL28B2	White Beam X-ray Diffraction	1999.9	238	16	22	276
	BL35XU	High Resolution Inelastic Scattering	2001.9	181	5	12	198
	BL37XU	Trace Element Analysis	2002.11	303	24	45	372
	BL38B1	Structural Biology III	2000.10	729	11	63	803
	BL39XU	Magnetic Materials	1997.10	347	17	78	442
	BL40B2	Structural Biology II	1999.9	763	13	113	889
	BL40XU	High Flux	2000.4	306	20	69	395
	BL41XU	Structural Biology I	1997.10	1044	4	97	1145
	BL43IR	Infrared Materials Science	2000.4	172	14	59	245
	BL46XU	Engineering Science Research III	2000.11	371	18	35	424
	BL47XU	HXPES・MCT	1997.10	467	93	122	682
Public Use at Other Beamlines	BL05XU	RIKEN Diagnosis Beamline I	2017.4	1			1
	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	60	1	29	90
	BL19LXU	RIKEN SR Physics	2002.9	20		3	23
	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	73		7	80
	BL26B2	RIKEN Structural Genomics II	2009.4	49		9	58
	BL29XU	RIKEN Coherent X-ray Optics	2002.9	15		1	16
	BL32XU	RIKEN Targeted Proteins	2010.10	77		3	80
	BL44B2	RIKEN Materials Science	1998.5	24		3	27
	BL45XU	RIKEN Structural Biology I	1997.10	163	5	19	187
Subtotal			13021	755	1722	15498	

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Contract Beamlines	BL03XU	Advanced Softmaterials	2009.11	334		13	347
	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		183	8	36	227
	BL12B2	NSRRC BM	2001.9	314	1	2	317
	BL12XU	NSRRC ID	2003.2	168	7	4	179
	BL14B1	QST Quantum Dynamics II		241	12	69	322
	BL15XU	WEBRAM	2001.4	557	11	45	613
	BL16B2	Sunbeam BM	1999.9	196	12	69	277
	BL16XU	Sunbeam ID	1999.9	194	8	54	256
	BL22XU	JAEA Actinide Science I		182	4	42	228
	BL23SU	JAEA Actinide Science II		321	44	107	472
	BL24XU	Hyogo Prefecture ID	1998.10	209	19	61	289
	BL28XU	RISING II	2012.4	29			29
	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	43		1	44
	BL44XU	Macromolecular Assemblies	2000.2	614		40	654
Subtotal			3947	154	584	4685	
RIKEN Beamlines	BL17SU	Coherent Soft X-ray Spectroscopy		113	4	13	130
	BL19LXU	SR Physics		142	8	27	177
	BL26B1	Structural Genomics I		191	2	19	212
	BL26B2	Structural Genomics II		146	1	13	160
	BL29XU	Coherent X-ray Optics		244	14	37	295
	BL32XU	Targeted Proteins		53		3	56
	BL43LXU	Quantum NanoDynamics		3			3
	BL44B2	Materials Science		293	2	16	311
	BL45XU	Structural Biology I		254	5	45	304
	Subtotal			1439	36	173	1648

SACLA

Public Beamlines	Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total
	BL1	SXFEL	2016.3	5			5
	BL2/BL3	XFEL2/XFEL1	2012.3	193	4	14	211

Hardware / Software R & D	780	514	462	1756
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NET Sum Total	16129	1309	2277	19715
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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。