

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 (2019年9月30日現在)

SPring-8

Beamline Name		Public Use Since	~2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Total	
Public Beamlines	BL01B1	XAFS	1997.10	357	58	76	65	74	92	75	86	93	71	42	1089
		Technical Journal				1								1	
	BL02B1	Single Crystal Structure Analysis	1997.10	121	19	12	18	36	42	36	43	38	28	31	424
	BL02B2	Powder Diffraction	1999.9	438	67	82	59	96	71	81	95	78	72	51	1190
	BL04B1	High Temperature and High Pressure Research	1997.10	153	21	22	16	20	19	16	16	15	14	14	326
	BL04B2	High Energy X-ray Diffraction	1999.9	166	28	23	28	28	33	37	43	30	40	25	481
		Technical Journal					1								1
	BL08W	High Energy Inelastic Scattering	1997.10	116	12	20	19	15	13	19	15	16	14	8	267
	BL09XU	Nuclear Resonant Scattering	1997.10	101	9	13	13	15	15	18	16	19	27	11	257
	BL10XU	High Pressure Research	1997.10	260	35	32	28	21	30	29	30	28	19	13	525
	BL13XU	Surface and Interface Structure	2001.9	121	18	27	6	16	21	24	36	27	31	22	349
	BL14B2	Engineering Science Research II	2007.9	18	25	32	36	53	53	61	52	58	63	49	500
		Technical Journal				1	1	1							4
	BL19B2	Engineering Science Research I	2001.11	125	18	35	53	59	63	65	64	66	54	47	649
		Technical Journal				1	1	1	2				2	1	8
	BL20B2	Medical and Imaging I	1999.9	165	17	24	35	28	25	35	26	28	28	22	433
	BL20XU	Medical and Imaging II	2001.9	102	36	27	21	40	44	43	37	32	29	28	439
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	261	21	25	22	24	31	20	19	25	20	15	483
		Technical Journal				2									2
	BL27SU	Soft X-ray Photochemistry	1998.5	258	24	31	18	41	35	25	36	27	22	10	527
	BL28B2	White Beam X-ray Diffraction	1999.9	86	9	15	10	21	18	21	19	25	17	9	250
	BL35XU	High Resolution Inelastic Scattering	2001.9	66	9	12	8	14	13	16	15	15	14	7	189
	BL37XU	Trace Element Analysis	2002.11	74	22	23	13	32	28	35	29	29	24	12	321
		Technical Journal							1						1
	BL38B1	Structural Biology III	2000.10	281	48	48	60	59	48	65	60	37	29	20	755
	BL39XU	Magnetic Materials	1997.10	158	15	19	21	20	25	19	24	30	20	11	362
	BL40B2	Structural Biology II	1999.9	292	44	42	43	70	54	55	59	53	55	52	819
		Technical Journal					1		1						2
	BL40XU	High Flux	2000.4	78	11	13	18	37	21	32	41	30	32	32	345
	BL41XU	Structural Biology I	1997.10	524	66	66	53	65	55	60	67	55	44	28	1083
BL43IR	Infrared Materials Science	2000.4	63	6	8	11	9	11	17	15	23	10	14	187	
BL46XU	Engineering Science Research III	2000.11	80	20	22	15	38	28	56	51	49	44	38	441	
	Technical Journal								1	1				2	
BL47XU	HXPES・MCT	1997.10	200	27	31	17	36	36	31	29	36	29	20	492	
	Technical Journal										1			1	
Public Use at Other Beamlines	BL05XU	RIKEN Diagnosis Beamline I	2017.4										1	2	3
	BL11XU	QST Quantum Dynamics I	1999.3	13											13
	BL14B1	QST Quantum Dynamics II	1998.4	41	3	2	1		1						48
	BL15XU	WEBRAM	2002.9	31	1	1	1		1						35
	BL17SU	RIKEN Coherent Soft X-ray Spectroscopy	2005.9	7	1	7	6	11	12	5	2	3	5	7	66
	BL19LXU	RIKEN SR Physics	2002.9	5					1	1	2	5	6	1	21
	BL22XU	JAEA Actinide Science I	2004.9	5				1							6
	BL23SU	JAEA Actinide Science II	1998.6	44	2		2	3	2						53
	BL26B1	RIKEN Structural Genomics I	2009.4			3	8	2	9	6	14	15	20	15	92
	BL26B2	RIKEN Structural Genomics II	2009.4		1		5	3	5	7	10	8	9	4	52
		Technical Journal								1					1
	BL29XU	RIKEN Coherent X-ray Optics	2002.9	13					1	1	2	2	3		22
	BL32XU	RIKEN Targeted Proteins	2010.10			5	5	8	9	16	8	13	14	7	85
	BL44B2	RIKEN Materials Science	1998.5	14							6	5	2	2	29
BL45XU	RIKEN Structural Biology I	1997.10	76	8	9	6	7	9	13	20	10	5	11	174	
Subtotal			4913	701	807	740	1002	974	1040	1087	1023	915	680	13882	

Beamline Name		Public Use Since	~2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Total	
Contract Beamlines	BL03XU	Advanced Softmaterials	2009.11		1	5	8	24	21	14	17	20	9	15	134
		Technical Journal					35	42	39	36	33	31	28		244
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science	2009.11		1	5	6	10	13	12	19	19	15	17	117
		Technical Journal								1					1
	BL08B2	Hyogo Prefecture BM	2005.9		1	1	3	7	9	5	5	9	2	4	46
		Technical Journal					7	1	18	7	4	4	1	1	43
	BL11XU	QST Quantum Dynamics I		67	9	6	13	16	14	8	20	20	13	12	198
	BL12B2	NSRRC BM	2001.9	103	28	13	25	22	21	28	31	32	32	17	352
	BL12XU	NSRRC ID	2003.2	31	15	10	14	11	18	19	18	25	16	9	186
	BL14B1	QST Quantum Dynamics II		93	18	16	11	10	15	19	17	23	20	16	258
	BL15XU	WEBRAM	2001.4	113	35	51	41	61	57	48	63	56	48	34	607
	BL16B2	Sunbeam BM	1999.9	37	8	6	4	3	6	4	10	9	5	8	100
		Technical Journal		2			18	15	14	8	15	21	15	9	117
	BL16XU	Sunbeam ID	1999.9	32	6	2	2	2	3	4	11	9	9	8	88
		Technical Journal					20	19	14	14	21	18	12	6	124
	BL22XU	JAEA Actinide Science I		46	15	10	10	14	19	15	14	15	25	14	197
	BL23SU	JAEA Actinide Science II		138	15	22	20	17	28	19	25	16	22	17	339
	BL24XU	Hyogo Prefecture ID	1998.10	126	5	6	7	8	5	4	5	5	6	1	178
		Technical Journal					11	3	10	3	1	4			32
	BL28XU	RISING II	2012.4					3	9	5	5	5	4	6	37
	BL31LEP	Laser-Electron Photon II	2013.10						1		3	2			6
	BL32B2	Pharmaceutical Industry (2002.9 - 2012.3)		22	2	3				1					28
	BL33LEP	Laser-Electron Photon	2000.10	35	8	4	4	4	4	2	2	3	2		68
	BL33XU	Toyota	2009.5			3	5	2	8	4	10	16	6	8	62
		Technical Journal				2	5	4	5	3	4	1			24
	BL36XU	Catalytic Reaction Dynamics for Fuel Cell	2013.1					1	7	6	7	12	14	6	53
BL44XU	Macromolecular Assemblies	2000.2	174	21	49	59	59	50	64	54	60	43	32	665	
Subtotal			1017	188	212	232	274	308	281	336	356	291	224	3719	
RIKEN Beamlines	BL17SU	Coherent Soft X-ray Spectroscopy		51	12	10	14	3	8	5	8	5		116	
	BL19LXU	SR Physics		70	7	9	11	12	13	9	5	6	1	1	144
	BL26B1	Structural Genomics I		136	15	7	8	7	4	5	4	4	1		191
	BL26B2	Structural Genomics II		51	19	18	19	13	4	3	7	10	2	2	148
	BL29XU	Coherent X-ray Optics		140	16	8	16	15	9	10	14	9	8	3	248
	BL32XU	Targeted Proteins				2	9	8	8	7	13	4	3	1	55
	BL43LXU	Quantum NanoDynamics						1		1	1				3
	BL44B2	Materials Science		192	10	13	13	19	16	20	16	17	14	2	332
	BL45XU	Structural Biology I		173	8	9	9	11	9	13	13	8	2		255
	Subtotal			813	87	76	99	89	71	73	81	63	31	9	1492

SACLA

Public Beamlines	Beamline Name		Public Use Since	~2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Total
	BL1	SXFEL	2016.3											7	1
BL2/BL3	XFEL2/XFEL1	2012.3				1	13	28	37	47	42	33	25		226
Hardware / Software R & D				411	39	37	56	67	12	33	43	52	42	17	809
NET Sum Total				6117	886	961	930	1201	1100	1191	1272	1238	1039	784	16719
Technical Journal				2		2	89	80	97	68	74	71	54	14	551

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 2019 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 (2019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	1090	66	88	1244
	BL02B1	Single Crystal Structure Analysis	1997.10	424	14	31	469
	BL02B2	Powder Diffraction	1999.9	1190	41	83	1314
	BL04B1	High Temperature and High Pressure Research	1997.10	326	7	48	381
	BL04B2	High Energy X-ray Diffraction	1999.9	482	13	55	550
	BL08W	High Energy Inelastic Scattering	1997.10	267	10	47	324
	BL09XU	Nuclear Resonant Scattering	1997.10	257	15	33	305
	BL10XU	High Pressure Research	1997.10	525	22	61	608
	BL13XU	Surface and Interface Structure	2001.9	349	19	36	404
	BL14B2	Engineering Science Research II	2007.9	504	10	35	549
	BL19B2	Engineering Science Research I	2001.11	657	45	90	792
	BL20B2	Medical and Imaging I	1999.9	433	88	88	609
	BL20XU	Medical and Imaging II	2001.9	439	104	121	664
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	485	15	61	561
	BL27SU	Soft X-ray Photochemistry	1998.5	527	21	38	586
	BL28B2	White Beam X-ray Diffraction	1999.9	250	16	23	289
	BL35XU	High Resolution Inelastic Scattering	2001.9	189	5	13	207
	BL37XU	Trace Element Analysis	2002.11	322	24	45	391
	BL38B1	Structural Biology III	2000.10	755	11	65	831
	BL39XU	Magnetic Materials	1997.10	362	17	79	458
	BL40B2	Structural Biology II	1999.9	821	13	116	950
	BL40XU	High Flux	2000.4	345	21	69	435
	BL41XU	Structural Biology I	1997.10	1083	4	97	1184
	BL43IR	Infrared Materials Science	2000.4	187	14	60	261
	BL46XU	Engineering Science Research III	2000.11	443	18	35	496
	BL47XU	HXPES・MCT	1997.10	493	93	123	709
Public Use at Other Beamlines	BL05XU	RIKEN Diagnosis Beamline I	2017.4	3			3
	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	66	1	29	96
	BL19LXU	RIKEN SR Physics	2002.9	21		3	24
	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	92		8	100
	BL26B2	RIKEN Structural Genomics II	2009.4	53		10	63
	BL29XU	RIKEN Coherent X-ray Optics	2002.9	22		1	23
	BL32XU	RIKEN Targeted Proteins	2010.10	85		4	89
	BL44B2	RIKEN Materials Science	1998.5	29		3	32
	BL45XU	RIKEN Structural Biology I	1997.10	174	5	19	198
	Subtotal			13905	758	1752	16415

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Contract Beamlines	BL03XU	Advanced Softmaterials	2009.11	378		14	392
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science	2009.11	118		9	127
	BL08B2	Hyogo Prefecture BM	2005.9	89			89
	BL11XU	QST Quantum Dynamics I		198	8	36	242
	BL12B2	NSRRC BM	2001.9	352	1	2	355
	BL12XU	NSRRC ID	2003.2	186	7	5	198
	BL14B1	QST Quantum Dynamics II		258	12	69	339
	BL15XU	WEBRAM	2001.4	607	14	53	674
	BL16B2	Sunbeam BM	1999.9	217	12	69	298
	BL16XU	Sunbeam ID	1999.9	212	8	53	273
	BL22XU	JAEA Actinide Science I		197	4	42	243
	BL23SU	JAEA Actinide Science II		339	44	108	491
	BL24XU	Hyogo Prefecture ID	1998.10	210	19	61	290
	BL28XU	RISING II	2012.4	37			37
	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	86	5	26	117
	BL36XU	Catalytic Reaction Dynamics for Fuel Cell	2013.1	53		3	56
	BL44XU	Macromolecular Assemblies	2000.2	665		43	708
Subtotal			4304	157	599	5060	
RIKEN Beamlines	BL17SU	Coherent Soft X-ray Spectroscopy		116	4	13	133
	BL19LXU	SR Physics		144	8	27	179
	BL26B1	Structural Genomics I		191	2	19	212
	BL26B2	Structural Genomics II		148	1	13	162
	BL29XU	Coherent X-ray Optics		248	14	37	299
	BL32XU	Targeted Proteins		55		3	58
	BL43LXU	Quantum NanoDynamics		3			3
	BL44B2	Materials Science		332	2	16	350
	BL45XU	Structural Biology I		255	5	45	305
Subtotal			1492	36	173	1701	

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Public Beamlines	Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total
	BL1	SXFEL	2016.3	8			8
	BL2/BL3	XFEL2/XFEL1	2012.3	226	4	14	244

Hardware / Software R & D	809	516	464	1789
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NET Sum Total	17270	1316	2315	20901
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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。