

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 (2020年3月31日現在)

SPring-8

Beamline Name		Public Use Since	~2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total	
BL01B1	XAFS	1997.10	415	76	65	74	92	75	87	93	75	69	19	1140	
	Technical Journal				1									1	
BL02B1	Single Crystal Structure Analysis	1997.10	140	12	18	36	42	36	43	39	28	40	8	442	
BL02B2	Powder Diffraction	1999.9	505	82	59	96	71	82	95	79	73	68	14	1224	
BL04B1	High Temperature and High Pressure Research	1997.10	174	22	16	20	19	16	16	15	15	18	2	333	
BL04B2	High Energy X-ray Diffraction	1999.9	194	23	28	28	33	37	43	30	40	36	15	507	
	Technical Journal					1								1	
BL08W	High Energy Inelastic Scattering	1997.10	128	20	19	15	13	19	15	16	14	10	6	275	
BL09XU	Nuclear Resonant Scattering	1997.10	110	13	13	15	15	18	16	19	28	14	3	264	
BL10XU	High Pressure Research	1997.10	295	32	28	21	30	29	30	28	22	24	7	546	
BL13XU	Surface and Interface Structure	2001.9	139	27	6	16	21	24	36	27	31	29	12	368	
BL14B2	Engineering Science Research II	2007.9	43	32	36	53	53	61	53	58	65	72	20	546	
	Technical Journal				1	1	1					1	2	6	
BL19B2	Engineering Science Research I	2001.11	143	35	53	59	63	65	64	67	59	53	13	674	
	Technical Journal				1	1	1	2			2	1	1	9	
BL20B2	Medical and Imaging I	1999.9	182	24	35	28	25	35	26	28	30	23	8	444	
BL20XU	Medical and Imaging II	2001.9	137	27	21	40	44	43	37	32	29	40	7	457	
BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	282	25	22	24	31	20	19	25	20	20	5	493	
	Technical Journal				2									2	
BL27SU	Soft X-ray Photochemistry	1998.5	282	31	18	41	35	25	36	27	23	15	12	545	
BL28B2	White Beam X-ray Diffraction	1999.9	95	15	10	21	18	21	19	25	19	11	3	257	
BL35XU	High Resolution Inelastic Scattering	2001.9	75	12	8	14	13	16	15	15	14	8	7	197	
BL37XU	Trace Element Analysis	2002.11	96	23	13	32	28	35	29	29	27	17	7	336	
	Technical Journal						1							1	
BL38B1	Structural Biology III	2000.10	329	48	60	59	48	65	60	38	30	31	6	774	
BL39XU	Magnetic Materials	1997.10	173	19	21	20	25	19	24	30	20	17	11	379	
BL40B2	Structural Biology II	1999.9	336	42	43	70	54	55	59	54	55	62	9	839	
	Technical Journal					1		1						2	
BL40XU	High Flux	2000.4	89	13	18	37	21	32	42	30	34	40	8	364	
BL41XU	Structural Biology I	1997.10	590	66	53	65	55	60	67	56	48	37	10	1107	
BL43IR	Infrared Materials Science	2000.4	69	8	11	10	11	17	15	23	10	18	4	196	
BL46XU	Engineering Science Research III	2000.11	100	22	15	38	28	56	51	49	45	46	7	457	
	Technical Journal								1	1				2	
BL47XU	HXPES・MCT	1997.10	227	31	17	36	36	31	29	37	28	27	8	507	
	Technical Journal									1				1	
Public Use at Other Beamlines	BL05XU	RIKEN Diagnosis Beamline I	2017.4									3	6	2	11
	BL11XU	QST Quantum Dynamics I	1999.3	13											13
	BL14B1	QST Quantum Dynamics II	1998.4	44	2	1		1							48
	BL15XU	WEBRAM	2002.9	32	1	1		1							35
	BL17SU	RIKEN Coherent Soft X-ray Spectroscopy	2005.9	8	7	6	11	12	5	2	3	5	7		66
	BL19LXU	RIKEN SR Physics	2002.9	5				1	1	2	5	6	2		22
	BL22XU	JAEA Actinide Science I	2004.9	5			1								6
	BL23SU	JAEA Actinide Science II	1998.6	46		2	3	2							53
	BL26B1	RIKEN Structural Genomics I	2009.4		3	8	2	9	6	15	15	22	26	3	109
	BL26B2	RIKEN Structural Genomics II	2009.4	1		5	3	5	7	11	8	9	8	1	58
		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	15	15	7		88
	BL44B2	RIKEN Materials Science	1998.5	14						6	5	2	4		31
	BL45XU	RIKEN Structural Biology I	1997.10	84	9	6	7	9	13	20	10	6	15	3	182
Subtotal			5613	807	740	1003	974	1041	1092	1032	953	920	240	14415	

Beamline Name		Public Use Since	~2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total	
Contract Beamlines	BL03XU	Advanced Softmaterials	2009.11	1	5	8	24	21	14	17	21	9	16	2	138
		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	20	2	122
	BL08B2	Hyogo Prefecture BM	2005.9	1	1	3	7	9	5	6	11	5	5	1	54
		Technical Journal				7	1	18	7	4	4	1	1		43
	BL11XU	QST Quantum Dynamics I		76	6	13	16	14	8	20	20	13	15	4	205
	BL12B2	NSRRC BM	2001.9	131	13	25	22	21	29	37	33	35	28	3	377
	BL12XU	NSRRC ID	2003.2	46	10	14	11	18	19	18	25	20	17	4	202
	BL14B1	QST Quantum Dynamics II		111	16	11	10	15	19	17	23	20	18	4	264
	BL15XU	WEBRAM	2001.4	148	51	41	61	57	48	63	57	49	37	7	619
	BL16B2	Sunbeam BM	1999.9	45	6	4	3	6	4	10	9	6	10	5	108
		Technical Journal		2		18	15	14	8	15	21	15	10	4	122
	BL16XU	Sunbeam ID	1999.9	38	2	2	2	3	4	11	9	9	17	5	102
		Technical Journal				20	19	14	14	21	18	12	8	6	132
	BL22XU	JAEA Actinide Science I		61	10	10	14	19	15	14	15	26	20	5	209
	BL23SU	JAEA Actinide Science II		153	22	20	17	28	19	26	16	23	22	5	351
	BL24XU	Hyogo Prefecture ID	1998.10	131	6	7	8	5	4	5	6	8	2		182
		Technical Journal				11	3	10	3	1	4			1	33
	BL28XU	RISING II	2012.4				3	9	5	5	5	4	7	1	39
	BL31LEP	Laser-Electron Photon II	2013.10					1		3	2	1	1	1	9
	BL32B2	Pharmaceutical Industry (2002.9 - 2012.3)		24	3				1						28
	BL33LEP	Laser-Electron Photon	2000.10	43	4	4	4	4	2	2	3	2			68
	BL33XU	Toyota	2009.5		3	5	2	8	4	10	16	6	9	5	68
		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	7	3	57
	BL44XU	Macromolecular Assemblies	2000.2	195	49	59	59	50	64	54	61	46	44	12	693
	Subtotal			1205	212	232	274	308	282	344	363	311	295	69	3895
	RIKEN Beamlines	BL17SU	Coherent Soft X-ray Spectroscopy		63	10	14	3	8	5	8	5		1	
BL19LXU		SR Physics		77	9	11	12	13	9	5	6	1	2		145
BL26B1		Structural Genomics I		151	7	8	7	4	5	4	4	1			191
BL26B2		Structural Genomics II		70	18	19	13	4	3	7	10	2	2		148
BL29XU		Coherent X-ray Optics		156	8	16	15	9	10	14	9	8	3	2	250
BL32XU		Targeted Proteins			2	9	8	8	7	13	4	3	1	1	56
BL43LXU		Quantum NanoDynamics					1		1	1					3
BL44B2		Materials Science		202	13	13	19	16	20	16	18	14	4		335
BL45XU		Structural Biology I		181	9	9	11	9	13	13	8	3		1	257
Subtotal			900	76	99	89	71	73	81	64	32	13	4	1502	

SACLA

Public Beamlines	Beamline Name		Public Use Since	~2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
	BL1	SXFEL	2016.3										7	2	1
BL2/BL3	XFEL2/XFEL1	2012.3			1	13	28	37	47	42	33	43	9	253	

Hardware / Software R & D	451	37	56	67	13	33	45	53	44	21	5	825
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NET Sum Total	7003	961	930	1202	1101	1193	1284	1253	1086	1037	251	17301
Technical Journal	2	2	89	80	97	67	74	71	54	17	10	563

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 2020 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 (2020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	1141	66	88	1295
	BL02B1	Single Crystal Structure Analysis	1997.10	442	14	31	487
	BL02B2	Powder Diffraction	1999.9	1224	41	83	1348
	BL04B1	High Temperature and High Pressure Research	1997.10	333	7	48	388
	BL04B2	High Energy X-ray Diffraction	1999.9	508	13	55	576
	BL08W	High Energy Inelastic Scattering	1997.10	275	10	48	333
	BL09XU	Nuclear Resonant Scattering	1997.10	264	15	34	313
	BL10XU	High Pressure Research	1997.10	546	22	61	629
	BL13XU	Surface and Interface Structure	2001.9	368	19	36	423
	BL14B2	Engineering Science Research II	2007.9	552	11	36	599
	BL19B2	Engineering Science Research I	2001.11	683	47	90	820
	BL20B2	Medical and Imaging I	1999.9	444	88	88	620
	BL20XU	Medical and Imaging II	2001.9	457	106	128	691
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	495	15	61	571
	BL27SU	Soft X-ray Photochemistry	1998.5	545	21	38	604
	BL28B2	White Beam X-ray Diffraction	1999.9	257	16	23	296
	BL35XU	High Resolution Inelastic Scattering	2001.9	197	5	13	215
	BL37XU	Trace Element Analysis	2002.11	337	24	48	409
	BL38B1	Structural Biology III	2000.10	774	11	64	849
	BL39XU	Magnetic Materials	1997.10	379	17	79	475
	BL40B2	Structural Biology II	1999.9	841	15	117	973
	BL40XU	High Flux	2000.4	364	24	69	457
	BL41XU	Structural Biology I	1997.10	1107	4	97	1208
	BL43IR	Infrared Materials Science	2000.4	196	15	60	271
	BL46XU	Engineering Science Research III	2000.11	459	20	38	517
	BL47XU	HXPES・MCT	1997.10	508	93	127	728
Public Use at Other Beamlines	BL05XU	RIKEN Diagnosis Beamline I	2017.4	11			11
	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	22		3	25
	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	109		8	117
	BL26B2	RIKEN Structural Genomics II	2009.4	59		10	69
	BL29XU	RIKEN Coherent X-ray Optics	2002.9	22		1	23
	BL32XU	RIKEN Targeted Proteins	2010.10	88		4	92
	BL44B2	RIKEN Materials Science	1998.5	31		3	34
	BL45XU	RIKEN Structural Biology I	1997.10	182	5	19	206
Subtotal			14441	771	1772	16984	

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Contract Beamlines	BL03XU	Advanced Softmaterials	2009.11	382		14	396
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science	2009.11	122		11	133
	BL08B2	Hyogo Prefecture BM	2005. 9	97			97
	BL11XU	QST Quantum Dynamics I		205	8	37	250
	BL12B2	NSRRC BM	2001. 9	377	1	2	380
	BL12XU	NSRRC ID	2003. 2	202	7	5	214
	BL14B1	QST Quantum Dynamics II		264	12	69	345
	BL15XU	WEBRAM	2001. 4	619	14	53	686
	BL16B2	Sunbeam BM	1999. 9	230	12	69	311
	BL16XU	Sunbeam ID	1999. 9	234	8	55	297
	BL22XU	JAEA Actinide Science I		209	4	42	255
	BL23SU	JAEA Actinide Science II		351	45	108	504
	BL24XU	Hyogo Prefecture ID	1998.10	215	19	61	295
	BL28XU	RISING II	2012. 4	40			40
	BL31LEP	Laser-Electron Photon II	2013.10	9			9
	BL32B2	Pharmaceutical Industry (2002. 9 - 2012. 3)		28		3	31
	BL33LEP	Laser-Electron Photon	2000.10	68	23	3	94
	BL33XU	Toyota	2009. 5	92	5	27	124
	BL36XU	Catalytic Reaction Dynamics for Fuel Cell	2013. 1	57		3	60
	BL44XU	Macromolecular Assemblies	2000. 2	693		43	736
Subtotal			4494	158	605	5257	
RIKEN Beamlines	BL17SU	Coherent Soft X-ray Spectroscopy		117	4	13	134
	BL19LXU	SR Physics		145	8	27	180
	BL26B1	Structural Genomics I		191	2	19	212
	BL26B2	Structural Genomics II		148	1	13	162
	BL29XU	Coherent X-ray Optics		250	14	37	301
	BL32XU	Targeted Proteins		56		3	59
	BL43LXU	Quantum NanoDynamics		3			3
	BL44B2	Materials Science		335	2	16	353
	BL45XU	Structural Biology I		257	5	45	307
	Subtotal			1502	36	173	1711

SACLA

Public Beamlines	Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total
	BL1	SXFEL	2016. 3	10			10
	BL2/BL3	XFEL2/XFEL1	2012. 3	253	4	14	271

Hardware / Software R & D	825	554	463	1842
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NET Sum Total	17864	1363	2332	21559
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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。