

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6月30日現在)

SPring-8

Beamline Name		Public Use Since	~2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total	
Public Beamlines	BL01B1	XAFS	1997.10	415	76	65	74	92	75	87	93	80	76	33	1166
		Technical Journal				1									1
	BL02B1	Single Crystal Structure Analysis	1997.10	140	12	18	36	42	36	44	39	29	43	18	457
	BL02B2	Powder Diffraction	1999.9	505	82	59	96	71	82	95	79	73	71	37	1250
	BL04B1	High Temperature and High Pressure Research	1997.10	174	22	16	20	19	16	16	15	15	19	6	338
	BL04B2	High Energy X-ray Diffraction	1999.9	194	23	28	28	33	37	43	30	40	38	30	524
		Technical Journal					1								1
	BL08W	High Energy Inelastic Scattering	1997.10	128	20	19	15	13	19	15	16	14	10	9	278
	BL09XU	Nuclear Resonant Scattering	1997.10	110	13	13	15	15	18	16	19	28	14	4	265
	BL10XU	High Pressure Research	1997.10	295	32	28	21	30	29	30	28	23	25	13	554
	BL13XU	Surface and Interface Structure	2001.9	139	27	6	16	21	24	36	27	31	29	13	369
	BL14B2	Engineering Science Research II	2007.9	43	32	36	53	53	61	53	58	66	73	38	566
		Technical Journal				1	1	1					1	2	6
	BL19B2	Engineering Science Research I	2001.11	143	35	53	59	63	65	64	67	59	55	21	684
		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	31	24	13	451
	BL20XU	Medical and Imaging II	2001.9	137	27	21	40	44	43	37	32	29	41	7	458
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	282	25	22	24	31	20	19	25	20	22	11	501
		Technical Journal				2									2
	BL27SU	Soft X-ray Photochemistry	1998.5	282	31	18	41	35	25	36	27	24	15	19	553
	BL28B2	White Beam X-ray Diffraction	1999.9	95	15	10	21	18	21	19	25	20	11	9	264
	BL35XU	High Resolution Inelastic Scattering	2001.9	75	12	8	14	13	16	15	15	14	8	12	202
	BL37XU	Trace Element Analysis	2002.11	96	23	13	32	28	35	29	29	28	20	11	344
		Technical Journal						1							1
	BL38B1	Structural Biology III	2000.10	329	48	60	59	48	65	60	38	30	31	13	781
	BL39XU	Magnetic Materials	1997.10	173	19	21	20	25	19	24	30	20	18	15	384
	BL40B2	Structural Biology II	1999.9	336	42	43	70	54	55	59	54	55	62	21	851
		Technical Journal					1		1						2
	BL40XU	High Flux	2000.4	89	13	18	37	21	32	42	30	34	40	10	366
		Technical Journal											1		1
BL41XU	Structural Biology I	1997.10	590	66	53	65	55	60	67	57	50	38	21	1122	
BL43IR	Infrared Materials Science	2000.4	69	8	11	10	11	17	15	23	10	19	11	204	
BL46XU	Engineering Science Research III	2000.11	100	22	15	38	28	56	51	49	45	48	14	466	
	Technical Journal								1	1				2	
BL47XU	HXPES・MCT	1997.10	227	31	17	36	36	31	29	37	28	27	11	510	
	Technical Journal									1				1	
Public Use at Other Beamlines	BL05XU	RIKEN Diagnosis Beamline I	2017.4									3	6	4	13
	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	8	1	68
	BL19LXU	RIKEN SR Physics	2002.9	5				1	1	2	5	6	2	1	23
	BL22XU	JAEA Actinide Science I	2004.9	5			1								6
	BL23SU	JAEA Actinide Science II	1998.6	46		2	3	2						1	54
	BL26B1	RIKEN Structural Genomics I	2009.4		3	8	2	9	6	15	15	22	27	12	119
	BL26B2	RIKEN Structural Genomics II	2009.4	1		5	3	5	7	11	8	9	8	3	60
		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	3	91
	BL44B2	RIKEN Materials Science	1998.5	14						6	5	2	5	1	33
BL45XU	RIKEN Structural Biology I	1997.10	84	9	6	7	9	13	20	10	6	15	8	187	
Subtotal			5613	807	740	1003	974	1041	1093	1033	967	955	454	14680	

Beamline Name		Public Use Since	~2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
BL03XU	Advanced Softmaterials	2009.11	1	5	8	24	21	14	17	21	9	16	6	142
	Technical Journal				35	42	39	36	33	31	28	28		272
BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science	2009.11	1	5	6	10	13	12	19	19	15	21	4	125
BL08B2	Hyogo Prefecture BM	2005.9	1	1	3	7	9	5	6	11	5	5	2	55
	Technical Journal				7	1	18	7	4	4	1	2		44
BL11XU	QST Quantum Dynamics I		76	6	13	16	14	8	20	20	13	15	6	207
BL12B2	NSRRC BM	2001.9	131	13	25	22	21	29	37	33	35	29	3	378
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	9	269
BL15XU	WEBRAM	2001.4	148	51	41	61	57	48	63	57	49	41	19	635
BL16B2	Sunbeam BM	1999.9	45	6	4	3	6	4	10	9	6	10	8	111
	Technical Journal		2		18	15	14	8	15	21	15	10	5	123
BL16XU	Sunbeam ID	1999.9	38	2	2	2	3	4	11	9	9	17	10	107
	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	8	212
BL23SU	JAEA Actinide Science II		153	22	20	17	29	19	26	16	23	22	10	357
BL24XU	Hyogo Prefecture ID	1998.10	131	6	7	8	5	4	5	6	8	2	2	184
	Technical Journal				11	3	10	3	1	4			1	33
BL28XU	RISING II	2012.4				3	9	5	5	5	4	8	2	41
	Technical Journal												1	1
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	6	69
	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	5	59
BL44XU	Macromolecular Assemblies	2000.2	195	49	59	59	50	64	54	61	46	44	19	700
Subtotal			1205	212	232	274	309	282	344	363	311	302	124	3958

RIKEN Beamlines	BL17SU	Coherent Soft X-ray Spectroscopy		63	10	14	3	8	5	8	5		1	6	123
	BL19LXU	SR Physics		77	9	11	12	13	9	5	6	1	4	1	148
	BL26B1	Structural Genomics I		151	7	8	7	4	5	4	4	1		1	192
	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	4	3	252
	BL32XU	Targeted Proteins			2	9	8	8	7	13	4	3	1	1	56
	BL43LXU	Quantum NanoDynamics					1		1	1					3
	BL44B2	Materials Science		204	13	13	19	16	20	16	18	14	4		337
	BL45XU	Structural Biology I		181	9	9	11	9	13	13	8	3		1	257
	Subtotal			902	76	99	89	71	73	81	64	32	16	13	1516

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	5	3
BL2/BL3	XFEL2/XFEL1	2012.3			1	13	28	37	47	42	34	43	15	260	

Hardware / Software R & D	451	37	56	67	13	33	45	53	48	34	5	842
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NET Sum Total	7005	961	930	1202	1102	1193	1285	1254	1104	1088	461	17585
Technical Journal	2	2	89	80	97	67	74	71	54	46	11	593

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 6 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 (2020年6月30日現在)

SPring-8

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Public Beamlines	BL01B1	XAFS	1997.10	1167	66	88	1321
	BL02B1	Single Crystal Structure Analysis	1997.10	457	14	31	502
	BL02B2	Powder Diffraction	1999.9	1250	41	83	1374
	BL04B1	High Temperature and High Pressure Research	1997.10	338	7	48	393
	BL04B2	High Energy X-ray Diffraction	1999.9	525	13	57	595
	BL08W	High Energy Inelastic Scattering	1997.10	278	10	48	336
	BL09XU	Nuclear Resonant Scattering	1997.10	265	15	34	314
	BL10XU	High Pressure Research	1997.10	554	22	61	637
	BL13XU	Surface and Interface Structure	2001.9	369	19	37	425
	BL14B2	Engineering Science Research II	2007.9	572	11	36	619
	BL19B2	Engineering Science Research I	2001.11	693	47	90	830
	BL20B2	Medical and Imaging I	1999.9	451	88	88	627
	BL20XU	Medical and Imaging II	2001.9	458	106	130	694
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	503	15	61	579
	BL27SU	Soft X-ray Photochemistry	1998.5	553	21	38	612
	BL28B2	White Beam X-ray Diffraction	1999.9	264	16	23	303
	BL35XU	High Resolution Inelastic Scattering	2001.9	202	5	13	220
	BL37XU	Trace Element Analysis	2002.11	345	24	50	419
	BL38B1	Structural Biology III	2000.10	781	11	64	856
	BL39XU	Magnetic Materials	1997.10	384	17	80	481
	BL40B2	Structural Biology II	1999.9	853	15	117	985
	BL40XU	High Flux	2000.4	367	24	69	460
	BL41XU	Structural Biology I	1997.10	1122	4	99	1225
	BL43IR	Infrared Materials Science	2000.4	204	15	60	279
	BL46XU	Engineering Science Research III	2000.11	468	20	38	526
	BL47XU	HXPES・MCT	1997.10	511	93	129	733
Public Use at Other Beamlines	BL05XU	RIKEN Diagnosis Beamline I	2017.4	13			13
	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	68	1	29	98
	BL19LXU	RIKEN SR Physics	2002.9	23		3	26
	BL22XU	JAEA Actinide Science I	2004.9	6			6
	BL23SU	JAEA Actinide Science II	1998.6	54	4	15	73
	BL26B1	RIKEN Structural Genomics I	2009.4	119		8	127
	BL26B2	RIKEN Structural Genomics II	2009.4	61		10	71
	BL29XU	RIKEN Coherent X-ray Optics	2002.9	22		1	23
	BL32XU	RIKEN Targeted Proteins	2010.10	91		4	95
	BL44B2	RIKEN Materials Science	1998.5	33		3	36
	BL45XU	RIKEN Structural Biology I	1997.10	187	5	19	211
Subtotal			14707	771	1784	17262	

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Contract Beamlines	BL03XU	Advanced Softmaterials	2009.11	414		14	428
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science	2009.11	125		11	136
	BL08B2	Hyogo Prefecture BM	2005. 9	99			99
	BL11XU	QST Quantum Dynamics I		207	8	37	252
	BL12B2	NSRRC BM	2001. 9	378	1	2	381
	BL12XU	NSRRC ID	2003. 2	202	7	5	214
	BL14B1	QST Quantum Dynamics II		269	12	69	350
	BL15XU	WEBRAM	2001. 4	635	14	57	706
	BL16B2	Sunbeam BM	1999. 9	234	12	69	315
	BL16XU	Sunbeam ID	1999. 9	239	8	55	302
	BL22XU	JAEA Actinide Science I		212	4	43	259
	BL23SU	JAEA Actinide Science II		357	45	109	511
	BL24XU	Hyogo Prefecture ID	1998.10	217	19	61	297
	BL28XU	RISING II	2012. 4	42			42
	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	93	5	27	125
	BL36XU	Catalytic Reaction Dynamics for Fuel Cell	2013. 1	59		3	62
	BL44XU	Macromolecular Assemblies	2000. 2	700		43	743
Subtotal			4587	158	611	5356	
RIKEN Beamlines	BL17SU	Coherent Soft X-ray Spectroscopy		123	4	13	140
	BL19LXU	SR Physics		148	8	27	183
	BL26B1	Structural Genomics I		192	2	19	213
	BL26B2	Structural Genomics II		148	1	13	162
	BL29XU	Coherent X-ray Optics		252	14	37	303
	BL32XU	Targeted Proteins		56		3	59
	BL43LXU	Quantum NanoDynamics		3			3
	BL44B2	Materials Science		337	2	16	355
	BL45XU	Structural Biology I		257	5	45	307
	Subtotal			1516	36	173	1725

SACLA

Public Beamlines	Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total
	BL1	SXFEL	2016. 3	15			15
	BL2/BL3	XFEL2/XFEL1	2012. 3	260	4	14	278

Hardware / Software R & D	842	554	464	1860
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NET Sum Total	18178	1363	2345	21886
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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。