

## 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 (2022年12月31日現在)

SPring-8

Beamline Name		Public Use Since	~2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Total	
Public Beamlines	BL01B1	XAFS I	1997.10	556	74	92	75	87	94	82	86	105	86	71	1408
		Technical Journal		1											1
	BL02B1	Single Crystal Structure Analysis	1997.10	170	36	42	36	44	40	30	48	55	58	38	597
	BL02B2	Powder Diffraction	1999.9	646	96	71	82	95	80	75	80	112	73	76	1486
	BL04B1	High Temperature and High Pressure Research	1997.10	212	20	19	16	16	15	17	19	13	11	7	365
	BL04B2	High Energy X-ray Diffraction	1999.9	245	28	33	38	43	30	42	41	60	32	49	641
		Technical Journal			1							1			2
	BL08W	High Energy Inelastic Scattering	1997.10	167	15	13	19	16	16	14	11	18	25	14	328
	BL09XU	HAXPES I	1997.10	136	15	15	18	16	19	28	14	11	14	11	297
	BL10XU	High Pressure Research	1997.10	355	21	30	28	30	28	26	33	33	23	25	632
	BL13XU	X-ray Diffraction and Scattering I	2001.9	172	16	21	24	36	27	32	34	32	24	22	440
	BL14B2	XAFS II	2007.9	111	53	53	61	53	58	67	81	88	72	54	751
		Technical Journal		1	1	1						1	3		7
	BL19B2	X-ray Diffraction and Scattering II	2001.11	231	59	63	66	64	69	60	57	61	57	29	816
		Technical Journal		1	1	1	2			2	1	1			9
	BL20B2	Medical and Imaging I	1999.9	241	28	25	35	26	28	32	29	40	25	25	534
	BL20XU	Medical and Imaging II	2001.9	185	40	45	45	37	34	31	44	34	43	24	562
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	329	24	32	20	19	25	20	24	30	22	18	563
		Technical Journal		2											2
	BL27SU	Soft X-ray Photochemistry	1998.5	331	41	35	25	36	27	26	16	41	17	12	607
	BL28B2	White Beam X-ray Diffraction	1999.9	121	21	18	21	19	25	20	16	26	15	16	318
	BL35XU	Inelastic and Nuclear Resonant Scattering	2001.9	95	14	13	16	15	15	14	8	21	17	11	239
	BL37XU	Trace Element Analysis	2002.11	133	32	28	35	29	29	29	24	34	21	17	411
		Technical Journal				1									1
	BL38B1	Structural Biology III	2000.10	488	62	48	65	59	38	31	31	29	30	12	893
	BL39XU	Magnetic Materials	1997.10	213	20	25	19	24	30	20	19	29	22	14	435
	BL40B2	SAXS BM	1999.9	425	70	55	55	60	54	55	63	53	67	53	1010
		Technical Journal			1		1					1			3
	BL40XU	High Flux	2000.4	120	37	21	32	42	30	35	52	30	39	30	468
		Technical Journal									1				1
BL41XU	Macromolecular Crystallography I	1997.10	807	84	56	60	68	58	51	41	46	35	15	1321	
BL43IR	Infrared Materials Science	2000.4	88	10	11	17	14	23	10	21	29	21	21	265	
BL46XU	HAXPES II	2000.11	137	38	28	56	51	50	45	56	45	62	39	607	
	Technical Journal						1	1			1			3	
BL47XU	Micro-CT	1997.10	275	36	36	31	29	37	28	33	33	21	21	580	
	Technical Journal							1						1	
Public Use at Other Beamlines	BL05XU	R&D-ID	2017.4							3	7	9	8	2	29
	BL11XU	QST Quantum Dynamics I (1999.3 - 2012.2)		13											13
	BL14B1	QST Quantum Dynamics II (1998.4 - 2012.2)		47		1									48
	BL15XU	WEBRAM (2002.9 - 2012.2)		34		1									35
	BL17SU	RIKEN Coherent Soft X-ray Spectroscopy	2005.9	21	11	12	5	2	3	5	8	6	4	3	80
	BL19LXU	RIKEN SR Physics	2002.9	5		1	1	2	5	7	2	3	8	1	35
	BL22XU	JAEA Actinide Science I (2004.9 - 2012.2)		5	1										6
	BL23SU	JAEA Actinide Science II (1998.6 - 2012.2)		48	3	2						1	1		55
	BL26B1	RIKEN Structural Genomics I	2009.4	11	3	9	6	17	15	27	30	34	23	18	193
	BL26B2	RIKEN Structural Genomics II	2009.4	7	3	5	7	11	8	7	9	7	1	3	68
		Technical Journal						1							1
	BL29XU	RIKEN Coherent X-ray Optics	2002.9	13		1	1	2	2	3		1			23
	BL32XU	RIKEN Targeted Proteins	2010.10	10	8	9	16	8	15	16	14	13	6	5	120
	BL43LXU	Quantum NanoDynamics	2020.8											1	1
	BL44B2	RIKEN Materials Science I	1998.5	14				6	5	2	6	6	3	1	43
BL45XU	RIKEN Structural Biology I	1997.10	99	7	9	13	20	10	7	16	19	25	17	242	
Subtotal				7316	1026	978	1044	1096	1042	997	1073	1207	1011	775	17565

Beamline Name		Public Use Since	~2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Total	
Contract Beamlines	BL03XU	Advanced Softmaterial	2009.11	14	24	21	14	17	23	9	19	20	12	8	181
		Technical Journal		35	42	39	36	33	31	28	28	34	24		330
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science (2009.11 - 2022.8)		12	10	13	12	19	19	16	21	13	15	16	166
		Technical Journal									1	2			3
	BL08B2	Hyogo BM	2005.9	5	7	9	5	6	11	5	7	11	10	10	86
		Technical Journal		7	1	18	7	4	4	1	3		1	1	47
	BL11XU	QST Quantum Dynamics I		95	16	14	8	20	20	15	20	14	20	9	251
	BL12B2	NSRRC BM	2001.9	169	22	21	29	38	34	37	48	33	27	13	471
	BL12XU	NSRRC ID	2003.2	70	11	18	19	18	25	19	27	30	15	15	267
	BL14B1	QST Quantum Dynamics II		138	10	15	19	17	23	20	21	26	27	24	340
	BL15XU	WEBRAM (2001.4 - 2021.9)		240	61	57	48	63	57	54	49	55	38	23	745
	BL16B2	SUNBEAM BM	1999.9	55	3	6	4	10	9	6	10	12	21	18	154
		Technical Journal		20	15	14	8	15	21	15	11	8	7	4	138
	BL16XU	SUNBEAM ID	1999.9	42	2	3	4	11	9	9	17	20	22	20	159
		Technical Journal		20	19	14	14	21	18	12	8	10	6	4	146
	BL22XU	JAEA Actinide Science I		81	14	19	15	14	15	26	25	18	27	24	278
		Technical Journal												1	1
	BL23SU	JAEA Actinide Science II		195	17	29	19	26	16	24	23	28	19	14	410
	BL24XU	Hyogo ID	1998.10	145	8	5	4	5	6	8	2	13	12	11	219
		Technical Journal		11	3	10	3	1	4		1	1	1		35
BL28XU	Advanced Batteries	2012.4		3	9	5	5	6	4	8	11	7	4	62	
	Technical Journal										1			1	
BL31LEP	Laser-Electron Photon II	2013.10			1		3	2	1	3	2		1	13	
BL32B2	Pharmaceutical Industry (2002.9 - 2012.3)		27			1					1			29	
BL33LEP	Laser-Electron Photon	2000.10	51	4	4	2	2	3	5	2	1	1		75	
BL33XU	TOYOTA	2009.5	8	2	8	4	10	16	6	9	19	17	9	108	
	Technical Journal		7	4	5	3	4	1						24	
BL36XU	Catalytic Reaction Dynamics for Fuel Cell (2013.1 - 2020.3)			1	7	6	7	12	15	8	11	4	5	76	
BL44XU	Macromolecular Assemblies	2000.2	342	65	50	65	54	61	47	59	64	53	27	887	
Subtotal			1689	280	309	283	345	367	326	378	402	347	251	4977	
RIKEN Beamlines	BL05XU	R&D-ID		3	1		1					1	2	8	
	BL17SU	Coherent Soft X-ray Spectroscopy		87	3	8	5	8	5		1	8	4	1	130
	BL19LXU	SR Physics		97	12	13	9	5	6	1	4	1	2		150
	BL26B1	Structural Genomics I		178	8	4	5	4	4	1		1	1	1	207
	BL26B2	Structural Genomics II		116	16	4	3	7	10	2	2	2		2	164
	BL29XU	Coherent X-ray Optics		180	15	9	10	15	9	8	4	7	4		261
	BL32XU	Targeted Proteins		12	13	8	7	13	5	3	1	3	3	1	69
	BL38B2	Diagnosis Beamline		2											2
	BL43LXU	Quantum NanoDynamics			1		1	1				2			5
	BL44B2	Materials Science I		235	19	16	20	16	18	14	10	3	2	2	355
	BL45XU	Structural Biology I		200	11	9	13	13	8	5	2	5	4		270
	Subtotal			1110	99	71	74	82	65	34	24	32	21	9	1621

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Public Beamlines	Beamline Name		Public Use Since	~2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Total
	BL1	SXFEL	2016.3								7	6	9	9	5
BL2/BL3	XFEL2/XFEL1	2012.3	1	13	28	37	48	42	34	50	60	55	43	411	
Hardware / Software R & D			545	67	13	33	46	53	49	35	26	15	11	893	
NET Sum Total			9090	1237	1106	1195	1291	1268	1142	1244	1352	1149	865	20939	
Technical Journal			93	80	97	67	74	71	54	49	53	34	9	681	

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 BL でカウントした。

共用・専用・理研の変更があった次の BL については、変更前のカテゴリに含めた。BL15XU、BL32B2、BL36XU、BL38B1（以上、現 理研BL）、BL45XU（現 共用BL）

このデータは論文発表等登録データベース (<https://user.spring8.or.jp/uisearch/publication2/>) に 2022 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 BL 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 (2022年12月31日現在)

SPring-8

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Public Beamlines	BL01B1	XAFS I	1997.10	1409	66	89	1564
	BL02B1	Single Crystal Structure Analysis	1997.10	597	14	32	643
	BL02B2	Powder Diffraction	1999. 9	1486	41	85	1612
	BL04B1	High Temperature and High Pressure Research	1997.10	365	7	49	421
	BL04B2	High Energy X-ray Diffraction	1999. 9	643	13	62	718
	BL08W	High Energy Inelastic Scattering	1997.10	328	10	48	386
	BL09XU	HAXPES I	1997.10	297	15	37	349
	BL10XU	High Pressure Research	1997.10	632	22	61	715
	BL13XU	X-ray Diffraction and Scattering I	2001. 9	440	19	39	498
	BL14B2	XAFS II	2007. 9	758	11	39	808
	BL19B2	X-ray Diffraction and Scattering II	2001.11	825	47	94	966
	BL20B2	Medical and Imaging I	1999. 9	534	90	89	713
	BL20XU	Medical and Imaging II	2001. 9	562	106	151	819
	BL25SU	Soft X-ray Spectroscopy of Solid	1998. 4	565	15	61	641
	BL27SU	Soft X-ray Photochemistry	1998. 5	607	21	39	667
	BL28B2	White Beam X-ray Diffraction	1999. 9	318	17	24	359
	BL35XU	Inelastic and Nuclear Resonant Scattering	2001. 9	239	5	13	257
	BL37XU	Trace Element Analysis	2002.11	412	24	52	488
	BL38B1	Structural Biology III	2000.10	893	11	66	970
	BL39XU	Magnetic Materials	1997.10	435	17	80	532
	BL40B2	SAXS BM	1999. 9	1013	15	122	1150
	BL40XU	High Flux	2000. 4	469	24	71	564
	BL41XU	Macromolecular Crystallography I	1997.10	1321	4	102	1427
	BL43R	Infrared Materials Science	2000. 4	265	15	62	342
	BL46XU	HAXPES II	2000.11	610	20	43	673
	BL47XU	Micro-CT	1997.10	581	93	135	809
Public Use at Other Beamlines	BL05XU	R&D-ID	2017. 4	29			29
	BL11XU	QST Quantum Dynamics I (1999. 3 - 2012. 2)		13	2	2	17
	BL14B1	QST Quantum Dynamics II (1998. 4 - 2012. 2)		48	1	11	60
	BL15XU	WEBRAM (2002. 9 - 2012. 2)		35	19	7	61
	BL17SU	RIKEN Coherent Soft X-ray Spectroscopy	2005. 9	80	1	29	110
	BL19LXU	RIKEN SR Physics	2002. 9	35		5	40
	BL22XU	JAEA Actinide Science I (2004. 9 - 2012. 2)		6			6
	BL23SU	JAEA Actinide Science II (1998. 6 - 2012. 2)		55	4	15	74
	BL26B1	RIKEN Structural Genomics I	2009. 4	193		9	202
	BL26B2	RIKEN Structural Genomics II	2009. 4	69		11	80
	BL29XU	RIKEN Coherent X-ray Optics	2002. 9	23		1	24
	BL32XU	RIKEN Targeted Proteins	2010.10	120		5	125
	BL43LXU	Quantum NanoDynamics	2020. 8	1			1
	BL44B2	RIKEN Materials Science I	1998. 5	43		3	46
	BL45XU	RIKEN Structural Biology I	1997.10	242	5	20	267
Subtotal			17596	774	1863	20233	

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Contract Beamlines	BL03XU	Advanced Softmaterial	2009.11	511		18	529
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science (2009.11 - 2022.8)		169		11	180
	BL08B2	Hyogo BM	2005. 9	133			133
	BL11XU	QST Quantum Dynamics I		251	8	44	303
	BL12B2	NSRRC BM	2001. 9	471	1	2	474
	BL12XU	NSRRC ID	2003. 2	267	7	6	280
	BL14B1	QST Quantum Dynamics II		340	19	88	447
	BL15XU	WEBRAM (2001. 4 - 2021. 9)		745	14	60	819
	BL16B2	SUNBEAM BM	1999. 9	292	12	75	379
	BL16XU	SUNBEAM ID	1999. 9	305	8	61	374
	BL22XU	JAEA Actinide Science I		279	4	47	330
	BL23SU	JAEA Actinide Science II		410	45	110	565
	BL24XU	Hyogo ID	1998.10	254	19	63	336
	BL28XU	Advanced Batteries	2012. 4	63			63
	BL31LEP	Laser-Electron Photon II	2013.10	13			13
	BL32B2	Pharmaceutical Industry (2002. 9 - 2012. 3)		29		3	32
	BL33LEP	Laser-Electron Photon	2000.10	75	23	3	101
	BL33XU	TOYOTA	2009. 5	132	5	35	172
	BL36XU	Catalytic Reaction Dynamics for Fuel Cell (2013. 1 - 2020. 3)		76		6	82
	BL44XU	Macromolecular Assemblies	2000. 2	887		45	932
Subtotal			5702	165	677	6544	

RIKEN Beamlines	BL05XU	R&D-ID		8	6		14
	BL17SU	Coherent Soft X-ray Spectroscopy		130	4	13	147
	BL19LXU	SR Physics		150	8	27	185
	BL26B1	Structural Genomics I		207	2	19	228
	BL26B2	Structural Genomics II		164	1	13	178
	BL29XU	Coherent X-ray Optics		261	14	37	312
	BL32XU	Targeted Proteins		69		4	73
	BL38B2	Diagnosis Beamline		2	6		8
	BL43LXU	Quantum NanoDynamics		5			5
	BL44B2	Materials Science I		355	2	16	373
	BL45XU	Structural Biology I		270	5	45	320
	Subtotal			1621	48	174	1843

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Public Beamlines	Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total
	BL1	SXFEL	2016. 3	36			36
	BL2/BL3	XFEL2/XFEL1	2012. 3	411	4	15	430

Hardware / Software R & D			893	554	474	1921
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NET Sum Total			21620	1373	2468	25461
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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2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)

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・SPring-8 または SACLA での成果を論文等にする場合は必ず BL 名および課題番号の記述を入れて下さい。