

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 (2023年6月30日現在)

SPring-8

Beamline Name		Public Use Since	~2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
Public Beamlines	BL01B1	XAFS I	1997.10	630	92	75	87	94	82	86	105	90	80	32	1453
		Technical Journal		1											1
	BL02B1	Single Crystal Structure Analysis	1997.10	206	42	36	44	40	30	48	55	59	40	22	622
	BL02B2	Powder Diffraction	1999.9	742	71	82	95	80	75	80	112	73	94	29	1533
	BL04B1	High Temperature and High Pressure Research	1997.10	232	19	16	16	15	17	17	13	12	13	2	372
	BL04B2	High Energy X-ray Diffraction	1999.9	273	33	39	43	30	42	41	61	33	50	15	660
		Technical Journal		1							1				2
	BL08W	High Energy Inelastic Scattering	1997.10	182	13	19	16	16	14	11	18	25	15	3	332
	BL09XU	HAXPES I	1997.10	151	15	18	16	19	28	14	11	14	13	8	307
	BL10XU	High Pressure Research	1997.10	376	30	28	30	28	26	33	33	23	27	7	641
	BL13XU	X-ray Diffraction and Scattering I	2001.9	188	21	24	35	28	32	34	32	24	24	16	458
	BL14B2	XAFS II	2007.9	164	53	61	53	58	67	81	87	73	67	33	797
		Technical Journal		2	1						1	3			7
	BL19B2	X-ray Diffraction and Scattering II	2001.11	290	63	66	63	70	60	58	61	59	33	19	842
		Technical Journal		2	1	2			2	1	1				9
	BL20B2	Medical and Imaging I	1999.9	269	25	35	26	28	32	29	40	26	31	11	552
	BL20XU	Medical and Imaging II	2001.9	225	45	45	37	34	31	44	35	43	33	19	591
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	353	32	20	19	25	20	24	30	23	20	10	576
		Technical Journal		2											2
	BL27SU	Soft X-ray Photochemistry	1998.5	372	35	25	36	27	26	16	42	17	20	12	628
	BL28B2	White Beam X-ray Diffraction	1999.9	142	18	21	19	25	20	16	26	15	17	7	326
	BL35XU	Inelastic and Nuclear Resonant Scattering	2001.9	109	13	16	15	15	14	8	21	17	12	9	249
	BL37XU	Trace Element Analysis	2002.11	165	28	35	29	29	29	25	34	21	19	9	423
		Technical Journal			1										1
	BL38B1	Structural Biology III	2000.10	550	48	70	59	38	31	31	29	30	15	3	904
	BL39XU	Magnetic Materials	1997.10	233	25	19	24	30	20	19	29	22	15	10	446
	BL40B2	SAXS BM	1999.9	494	55	55	60	54	55	64	53	67	54	29	1040
		Technical Journal		1		1					1				3
	BL40XU	High Flux	2000.4	157	21	32	42	30	35	52	30	40	31	13	483
		Technical Journal								1					1
BL41XU	Macromolecular Crystallography I	1997.10	890	71	74	70	58	51	41	47	42	20	4	1368	
BL43IR	Infrared Materials Science	2000.4	98	11	17	14	23	10	21	29	21	22	10	276	
BL46XU	HAXPES II	2000.11	175	28	56	50	52	44	55	45	65	44	17	631	
	Technical Journal					1	1			1				3	
BL47XU	Micro-CT	1997.10	311	36	31	29	37	28	33	33	21	28	12	599	
	Technical Journal						1							1	
Public Use at Other Beamlines	BL05XU	R&D-ID I	2017.4						3	7	9	9	2	2	32
	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	32	12	5	2	3	5	8	6	4	4	3	84
	BL19LXU	RIKEN SR Physics	2002.9	5	1	1	2	5	7	2	3	8	1	3	38
	BL22XU	JAEA Actinide Science I (2004.9 - 2012.2)		6											6
	BL23SU	JAEA Actinide Science II (1998.6 - 2012.2)		51	2						1	1			55
	BL26B1	RIKEN Structural Genomics I	2009.4	14	9	7	18	15	27	30	35	25	20	2	202
	BL26B2	RIKEN Structural Genomics II	2009.4	10	5	7	11	8	7	9	7	1	3	2	70
		Technical Journal					1								1
	BL29XU	RIKEN Coherent X-ray Optics	2002.9	13	1	1	2	2	3		1			1	24
	BL32XU	RIKEN Targeted Proteins	2010.10	18	11	17	8	15	16	14	13	8	6	1	127
	BL43LXU	Quantum NanoDynamics	2020.8										1		1
BL44B2	RIKEN Materials Science I	1998.5	14			6	5	2	6	6	3	4	1	47	
BL45XU	RIKEN Structural Biology I	1997.10	106	9	13	20	10	7	16	24	25	19	6	255	
Subtotal			8340	995	1066	1096	1046	996	1073	1216	1039	897	382	18146	

Beamline Name		Public Use Since	~2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
Contract Beamlines	BL03XU	Advanced Softmaterial	2009.11	38	21	14	17	23	9	19	20	12	8	3	184
		Technical Journal		77	39	36	33	31	28	28	34	24	27		357
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science (2009.11 - 2022.8)		22	13	12	19	19	16	21	13	15	17	4	171
		Technical Journal								1	2				3
	BL08B2	Hyogo BM	2005. 9	12	9	5	6	11	5	7	12	10	10	1	88
		Technical Journal		8	18	7	4	4	1	3		1	1	1	48
	BL11XU	QST Quantum Dynamics I		111	14	8	20	20	16	20	14	20	10	5	258
	BL12B2	NSRRC BM	2001. 9	190	21	29	38	34	37	48	33	27	15	3	475
	BL12XU	NSRRC ID	2003. 2	81	18	19	18	25	19	27	30	15	16	3	271
	BL14B1	QST Quantum Dynamics II		148	15	19	17	23	21	21	26	27	24	8	349
	BL15XU	WEBRAM (2001. 4 - 2021. 9)		301	56	49	62	58	54	49	55	39	30	12	765
	BL16B2	SUNBEAM BM	1999. 9	58	6	4	10	9	6	10	12	21	19	7	162
		Technical Journal		35	14	8	15	21	15	11	8	7	4	6	144
	BL16XU	SUNBEAM ID	1999. 9	44	3	4	11	9	9	17	20	22	20	8	167
		Technical Journal		39	14	14	21	18	12	8	10	6	4	2	148
	BL22XU	JAEA Actinide Science I		95	19	15	14	15	26	25	18	27	26	8	288
		Technical Journal											1		1
	BL23SU	JAEA Actinide Science II		212	29	19	26	16	24	23	28	18	19	3	417
	BL24XU	Hyogo ID	1998.10	153	5	4	5	6	8	2	13	12	12	7	227
		Technical Journal		14	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 - 2023.3)		55	4	2	2	3	5	2	1	1			75	
BL33XU	TOYOTA	2009. 5	10	8	4	10	16	6	9	19	17	12	7	118	
	Technical Journal		11	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	7	4	82	
BL44XU	Macromolecular Assemblies	2000.2	409	53	73	56	60	47	59	65	55	35	11	923	
Subtotal			1970	311	292	346	367	328	378	404	349	285	94	5124	
RIKEN Beamlines	BL05XU	R&D-ID I		4		1					1	2		8	
	BL17SU	Coherent Soft X-ray Spectroscopy		90	8	5	8	5		1	8	4		3	132
	BL19LXU	SR Physics		109	13	9	5	6	1	4	1	2		2	152
	BL26B1	Structural Genomics I		186	13	9	8	4	1		1	1	2		225
	BL26B2	Structural Genomics II		132	10	5	9	10	2	2	2		3	1	176
	BL29XU	Coherent X-ray Optics		195	9	10	15	9	8	4	7	4			261
	BL32XU	Targeted Proteins		25	9	11	16	5	3	1	4	4	3	1	82
	BL38B2	Diagnosis Beamline I		2											2
	BL43LXU	Quantum NanoDynamics		1		1	1				2				5
	BL44B2	Materials Science I		254	16	21	16	18	14	10	3	2	2	3	359
	BL45XU	Structural Biology I		211	9	13	13	8	5	2	5	4			270
	Subtotal			1209	87	85	91	65	34	24	33	22	12	10	1672

SACLA

Public Beamlines	Beamline Name		Public Use Since	~2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
	BL1	SXFEL	2016. 3						7	6	9	9	5	2	38
BL2/BL3	XFEL2/XFEL1	2012. 3	14	28	37	48	42	34	51	62	58	56	16	446	
Hardware / Software R & D				612	13	33	46	53	49	35	26	15	17	1	900
NET Sum Total				10326	1138	1233	1301	1269	1142	1243	1362	1178	1006	378	21576
Technical Journal				173	97	67	74	71	54	49	53	34	36	8	716

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。BL07LSU、BL15XU、BL32B2、BL33LEP、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 2023 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 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 (2023年6月30日現在)

SPring-8

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Public Beamlines	BL01B1	XAFS I	1997.10	1454	66	89	1609
	BL02B1	Single Crystal Structure Analysis	1997.10	622	14	32	668
	BL02B2	Powder Diffraction	1999. 9	1533	41	86	1660
	BL04B1	High Temperature and High Pressure Research	1997.10	372	7	49	428
	BL04B2	High Energy X-ray Diffraction	1999. 9	662	13	62	737
	BL08W	High Energy Inelastic Scattering	1997.10	332	10	48	390
	BL09XU	HAXPES I	1997.10	307	15	37	359
	BL10XU	High Pressure Research	1997.10	641	22	61	724
	BL13XU	X-ray Diffraction and Scattering I	2001. 9	458	19	40	517
	BL14B2	XAFS II	2007. 9	804	11	39	854
	BL19B2	X-ray Diffraction and Scattering II	2001.11	851	47	94	992
	BL20B2	Medical and Imaging I	1999. 9	552	91	89	732
	BL20XU	Medical and Imaging II	2001. 9	591	106	159	856
	BL25SU	Soft X-ray Spectroscopy of Solid	1998. 4	578	15	61	654
	BL27SU	Soft X-ray Photochemistry	1998. 5	628	21	39	688
	BL28B2	White Beam X-ray Diffraction	1999. 9	326	17	25	368
	BL35XU	Inelastic and Nuclear Resonant Scattering	2001. 9	249	5	13	267
	BL37XU	Trace Element Analysis	2002.11	424	24	52	500
	BL38B1	Structural Biology III	2000.10	904	11	66	981
	BL39XU	Magnetic Materials	1997.10	446	17	80	543
	BL40B2	SAXS BM	1999. 9	1043	15	122	1180
	BL40XU	High Flux	2000. 4	484	25	71	580
	BL41XU	Macromolecular Crystallography I	1997.10	1368	4	102	1474
	BL43R	Infrared Materials Science	2000. 4	276	15	64	355
	BL46XU	HAXPES II	2000.11	634	20	45	699
	BL47XU	Micro-CT	1997.10	600	93	136	829
Public Use at Other Beamlines	BL05XU	R&D-HD I	2017. 4	32			32
	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	84	1	29	114
	BL19LXU	RIKEN SR Physics	2002. 9	38		5	43
	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	202		9	211
	BL26B2	RIKEN Structural Genomics II	2009. 4	71		11	82
	BL29XU	RIKEN Coherent X-ray Optics	2002. 9	24		1	25
	BL32XU	RIKEN Targeted Proteins	2010.10	127		5	132
	BL43LXU	Quantum NanoDynamics	2020. 8	1			1
	BL44B2	RIKEN Materials Science I	1998. 5	47		3	50
	BL45XU	RIKEN Structural Biology I	1997.10	255	5	20	280
Subtotal			18177	776	1879	20832	

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Contract Beamlines	BL03XU	Advanced Softmaterial	2009.11	541		18	559
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science (2009.11 - 2022.8)		174		11	185
	BL08B2	Hyogo BM	2005. 9	136		1	137
	BL11XU	QST Quantum Dynamics I		258	8	44	310
	BL12B2	NSRRC BM	2001. 9	475	1	2	478
	BL12XU	NSRRC ID	2003. 2	271	7	6	284
	BL14B1	QST Quantum Dynamics II		349	19	88	456
	BL15XU	WEBRAM (2001. 4 - 2021. 9)		765	14	60	839
	BL16B2	SUNBEAM BM	1999. 9	306	12	75	393
	BL16XU	SUNBEAM ID	1999. 9	315	8	61	384
	BL22XU	JAEA Actinide Science I		289	4	47	340
	BL23SU	JAEA Actinide Science II		417	45	110	572
	BL24XU	Hyogo ID	1998.10	262	19	63	344
	BL28XU	Advanced Batteries	2012. 4	63		1	64
	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 - 2023.3)		75	23	3	101
	BL33XU	TOYOTA	2009. 5	142	5	41	188
	BL36XU	Catalytic Reaction Dynamics for Fuel Cell (2013. 1 - 2020. 3)		82		6	88
	BL44XU	Macromolecular Assemblies	2000. 2	923		45	968
Subtotal			5885	165	685	6735	

RIKEN Beamlines	BL05XU	R&D-ID I		8	6		14
	BL17SU	Coherent Soft X-ray Spectroscopy		132	4	13	149
	BL19LXU	SR Physics		152	8	27	187
	BL26B1	Structural Genomics I		225	2	19	246
	BL26B2	Structural Genomics II		176	1	13	190
	BL29XU	Coherent X-ray Optics		261	14	38	313
	BL32XU	Targeted Proteins		82		4	86
	BL38B2	Diagnosis Beamline I		2	6		8
	BL43LXU	Quantum NanoDynamics		5			5
	BL44B2	Materials Science I		359	2	16	377
	BL45XU	Structural Biology I		270	5	45	320
	Subtotal			1672	48	175	1895

SACLA

Public Beamlines	Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total
	BL1	SXFEL	2016. 3	38			38
	BL2/BL3	XFEL2/XFEL1	2012. 3	446	4	17	467

Hardware / Software R & D			900	554	475	1929
---------------------------	--	--	-----	-----	-----	------

NET Sum Total			22292	1374	2491	26157
---------------	--	--	-------	------	------	-------

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 : 発表形式か出版で、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)

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 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。BL07LSU、BL15XU、BL32B2、BL33LEP、BL36XU、BL38B1 (以上、現理研BL)、BL45XU (現共用BL)

・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。