

# 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9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	81	38	1460
		Technical Journal		1											1
	BL02B1	Single Crystal Structure Analysis	1997.10	206	42	36	44	40	30	48	55	59	41	31	632
	BL02B2	Powder Diffraction	1999. 9	742	71	82	95	80	75	80	112	74	94	43	1548
	BL04B1	High Temperature and High Pressure Research	1997.10	232	19	16	16	15	17	17	13	12	13	5	375
	BL04B2	High Energy X-ray Diffraction	1999. 9	273	33	39	43	30	42	41	61	33	51	20	666
		Technical Journal		1							1				2
	BL08W	High Energy Inelastic Scattering	1997.10	182	13	19	16	16	14	11	18	25	17	4	335
	BL09XU	HAXPES I	1997.10	151	15	18	16	19	28	14	11	14	13	11	310
	BL10XU	High Pressure Research	1997.10	376	30	28	30	28	26	33	33	23	27	9	643
	BL13XU	X-ray Diffraction and Scattering I	2001. 9	188	21	24	35	28	32	34	32	24	24	19	461
	BL14B2	XAFS II	2007. 9	164	53	61	53	58	67	81	87	73	67	39	803
		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	25	848
		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	13	554
	BL20XU	Medical and Imaging II	2001. 9	225	45	45	37	34	31	44	35	43	33	24	596
	BL25SU	Soft X-ray Spectroscopy of Solid	1998. 4	353	32	20	19	25	20	24	30	23	20	15	581
		Technical Journal		2											2
	BL27SU	Soft X-ray Photochemistry	1998. 5	372	35	25	36	27	26	16	42	17	20	16	632
	BL28B2	White Beam X-ray Diffraction	1999. 9	142	18	21	19	25	20	16	26	15	17	8	327
	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	16	430
		Technical Journal			1										1
	BL38B1	Structural Biology III	2000.10	550	48	70	66	48	31	31	29	30	15	4	922
	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	39	1050
		Technical Journal		1		1					1				3
	BL40XU	High Flux	2000. 4	157	21	32	42	30	35	52	30	40	31	15	485
		Technical Journal								1					1
BL41XU	Macromolecular Crystallography I	1997.10	890	71	74	80	60	51	41	47	42	20	7	1383	
BL43JR	Infrared Materials Science	2000. 4	98	11	17	14	23	10	21	29	21	22	14	280	
BL46XU	HAXPES II	2000.11	175	28	56	50	52	44	55	45	65	44	20	634	
	Technical Journal					1	1			1				3	
BL47XU	Micro-CT	1997.10	311	36	31	29	37	28	33	33	21	28	14	601	
	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	4	85
	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	19	18	27	30	35	25	21	3	208
	BL26B2	RIKEN Structural Genomics II	2009. 4	10	5	7	11	9	7	9	7	1	3	3	72
		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	17	16	14	13	8	6	3	131
	BL43LXU	Quantum NanoDynamics	2020. 8										1		1
	BL44B2	RIKEN Materials Science I	1998. 5	14			6	5	2	6	6	4	5	3	51
BL45XU	RIKEN Structural Biology I	1997.10	106	9	13	20	10	7	16	24	25	20	9	259	
Subtotal				8340	995	1066	1114	1064	996	1073	1216	1041	905	499	18309

SPring-8/SACLA COMMUNICATIONS

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	9	7	189
		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	2	89
		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	7	260
	BL12B2	NSRRC BM	2001. 9	190	21	29	38	34	37	48	33	27	15	4	476
	BL12XU	NSRRC ID	2003. 2	81	18	19	18	25	19	27	30	15	16	6	274
	BL14B1	QST Quantum Dynamics II		148	15	19	17	23	21	21	26	27	25	14	356
	BL15XU	WEBRAM	(2001. 4 - 2021. 9)	301	56	49	62	58	54	49	55	39	30	14	767
	BL16B2	SUNBEAM BM	1999. 9	58	6	4	10	9	6	10	12	21	19	8	163
		Technical Journal		35	14	8	15	21	15	11	8	7	4	7	145
	BL16XU	SUNBEAM ID	1999. 9	44	3	4	11	9	9	17	20	22	20	12	171
		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	12	292
		Technical Journal											1		1
	BL23SU	JAEA Actinide Science II		212	29	19	26	16	24	23	28	18	19	7	421
	BL24XU	Hyogo ID	1998.10	153	5	4	5	6	8	2	13	12	12	8	228
		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			1	30	
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	11	122	
	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	6	84	
BL44XU	Macromolecular Assemblies	2000.2	409	53	73	61	61	47	59	65	57	42	20	947	
Subtotal			1970	311	292	351	368	328	378	404	351	294	143	5190	
RIKEN Beamlines	BL05XU	R&D-ID I		4	0	1	0	0	0	0	0	1	2	0	8
	BL17SU	Coherent Soft X-ray Spectroscopy		90	8	5	8	5	0	1	8	4	0	3	132
	BL19LXU	SR Physics		109	13	9	5	6	1	4	1	2		2	152
	BL26B1	Structural Genomics I		186	13	9	8	7	3		1	1	2		230
	BL26B2	Structural Genomics II		132	10	5	9	25	2	2	2		2	2	191
	BL29XU	Coherent X-ray Optics		195	9	10	15	9	8	4	7	4		2	263
	BL32XU	Targeted Proteins		25	9	11	19	9	3	1	4	4	3	1	89
	BL38B2	Diagnosis Beamline I		2											2
	BL43LXU	Quantum NanoDynamics		1		1	1				2				5
	BL44B2	Materials Science I		254	16	21	17	18	14	10	3	2	2	3	360
	BL45XU	Structural Biology I		211	9	13	13	8	5	2	5	4			270
Subtotal			1209	87	85	95	87	36	24	33	22	11	13	1702	

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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	6
BL2/BL3	XFEL2/XFEL1	2012. 3	14	28	37	48	42	34	51	62	58	56	27	457	
Hardware / Software R & D				612	13	33	46	53	49	35	26	15	17	3	902
NET Sum Total				10326	1138	1233	1323	1299	1144	1243	1362	1181	1019	511	21779
Technical Journal				173	97	67	74	71	54	49	53	34	36	9	717

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庫を含む）

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9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	1461	66	89	1616	
	BL02B1	Single Crystal Structure Analysis	1997.10	633	14	32	679	
	BL02B2	Powder Diffraction	1999. 9	1548	41	86	1675	
	BL04B1	High Temperature and High Pressure Research	1997.10	375	7	49	431	
	BL04B2	High Energy X-ray Diffraction	1999. 9	668	13	62	743	
	BL08W	High Energy Inelastic Scattering	1997.10	335	10	48	393	
	BL09XU	HAXPES I	1997.10	310	15	37	362	
	BL10XU	High Pressure Research	1997.10	643	22	61	726	
	BL13XU	X-ray Diffraction and Scattering I	2001. 9	461	19	40	520	
	BL14B2	XAFS II	2007. 9	810	11	39	860	
	BL19B2	X-ray Diffraction and Scattering II	2001.11	857	47	94	998	
	BL20B2	Medical and Imaging I	1999. 9	554	91	89	734	
	BL20XU	Medical and Imaging II	2001. 9	596	106	159	861	
	BL25SU	Soft X-ray Spectroscopy of Solid	1998. 4	583	15	61	659	
	BL27SU	Soft X-ray Photochemistry	1998. 5	632	21	39	692	
	BL28B2	White Beam X-ray Diffraction	1999. 9	327	17	25	369	
	BL35XU	Inelastic and Nuclear Resonant Scattering	2001. 9	249	5	13	267	
	BL37XU	Trace Element Analysis	2002.11	431	24	52	507	
	BL38B1	Structural Biology III	2000.10	922	11	66	999	
	BL39XU	Magnetic Materials	1997.10	446	17	80	543	
	BL40B2	SAXS BM	1999. 9	1053	15	122	1190	
	BL40XU	High Flux	2000. 4	486	25	71	582	
	BL41XU	Macromolecular Crystallography I	1997.10	1383	4	103	1490	
	BL43IR	Infrared Materials Science	2000. 4	280	15	64	359	
	BL46XU	HAXPES II	2000.11	637	20	46	703	
	BL47XU	Micro-CT	1997.10	602	93	136	831	
	Public Use at Other Beamlines	BL05XU	R&D-ID 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	85	1	29	115	
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	208		9	217	
BL26B2		RIKEN Structural Genomics II	2009. 4	73		11	84	
BL29XU		RIKEN Coherent X-ray Optics	2002. 9	24		1	25	
BL32XU		RIKEN Targeted Proteins	2010.10	131		5	136	
BL43LXU		Quantum NanoDynamics	2020. 8	1			1	
BL44B2		RIKEN Materials Science I	1998. 5	51		3	54	
BL45XU		RIKEN Structural Biology I	1997.10	259	5	20	284	
Subtotal			18341	776	1881	20998		

# SPRING-8/SACLA COMMUNICATIONS

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Contract Beamlines	BL03XU	Advanced Softmaterial	2009.11	546		18	564
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science	(2009.11 - 2022.8)	174		11	185
	BL08B2	Hyogo BM	2005. 9	137		1	138
	BL11XU	QST Quantum Dynamics I		260	8	44	312
	BL12B2	NSRRC BM	2001. 9	476	1	2	479
	BL12XU	NSRRC ID	2003. 2	274	7	6	287
	BL14B1	QST Quantum Dynamics II		356	19	88	463
	BL15XU	WEBRAM	(2001. 4 - 2021. 9)	767	14	60	841
	BL16B2	SUNBEAM BM	1999. 9	308	12	76	396
	BL16XU	SUNBEAM ID	1999. 9	319	8	63	390
	BL22XU	JAEA Actinide Science I		293	4	47	344
	BL23SU	JAEA Actinide Science II		421	45	110	576
	BL24XU	Hyogo ID	1998.10	263	19	63	345
	BL28XU	Advanced Batteries	2012. 4	63		1	64
	BL31LEP	Laser-Electron Photon II	2013.10	13			13
	BL32B2	Pharmaceutical Industry	(2002. 9 - 2012. 3)	30		3	33
	BL33LEP	Laser-Electron Photon	(2000.10 - 2023.3)	75	23	3	101
	BL33XU	TOYOTA	2009. 5	146	5	41	192
	BL36XU	Catalytic Reaction Dynamics for Fuel Cell	(2013. 1 - 2020. 3)	84		6	90
	BL44XU	Macromolecular Assemblies	2000. 2	947		46	993
Subtotal			5952	165	689	6806	

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		230	2	19	251
	BL26B2	Structural Genomics II		191	1	13	205
	BL29XU	Coherent X-ray Optics		263	14	38	315
	BL32XU	Targeted Proteins		89		4	93
	BL38B2	Diagnosis Beamline I		2	6		8
	BL43LXU	Quantum NanoDynamics		5			5
	BL44B2	Materials Science I		360	2	16	378
	BL45XU	Structural Biology I		270	5	45	320
	Subtotal			1702	48	175	1925

## SACLA

Public Beamlines	Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total
	BL1	SXFEL	2016. 3	42			42
BL2/BL3	XFEL2/XFEL1	2012. 3	457	4	17	478	
Hardware / Software R & D				902	554	475	1931
NET Sum Total				22293	1374	2497	26164

Refereed Papers : 査読有りの原稿論文、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)

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。