

# 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3月31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	74	14	1429
		Technical Journal		1											1
	BL02B1	Single Crystal Structure Analysis	1997.10	206	42	36	44	40	30	48	55	58	39	8	606
	BL02B2	Powder Diffraction	1999.9	742	71	82	95	80	75	80	112	73	83	15	1508
	BL04B1	High Temperature and High Pressure Research	1997.10	232	19	16	16	15	17	19	13	12	9	1	369
	BL04B2	High Energy X-ray Diffraction	1999.9	273	33	38	43	30	42	41	60	32	48	8	648
		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	6	305
	BL10XU	High Pressure Research	1997.10	376	30	28	30	28	26	33	33	23	25	4	636
	BL13XU	X-ray Diffraction and Scattering I	2001.9	188	21	24	36	27	32	34	32	24	23	5	446
	BL14B2	XAFS II	2007.9	164	53	61	53	58	67	81	88	72	57	22	776
		Technical Journal		2	1						1	3			7
	BL19B2	X-ray Diffraction and Scattering II	2001.11	290	63	66	64	69	60	58	61	57	29	11	828
		Technical Journal		2	1	2			2	1	1				9
	BL20B2	Medical and Imaging I	1999.9	269	25	35	26	28	32	29	40	25	26	3	538
	BL20XU	Medical and Imaging II	2001.9	225	45	45	37	34	31	44	34	43	27	9	574
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	353	32	20	19	25	20	24	30	22	19	6	570
		Technical Journal		2											2
	BL27SU	Soft X-ray Photochemistry	1998.5	372	35	25	36	27	26	16	41	17	18	5	618
	BL28B2	White Beam X-ray Diffraction	1999.9	142	18	21	19	25	20	16	26	15	16	4	322
	BL35XU	Inelastic and Nuclear Resonant Scattering	2001.9	109	13	16	15	15	14	8	21	17	12	5	245
	BL37XU	Trace Element Analysis	2002.11	165	28	35	29	29	29	24	34	21	18	3	415
		Technical Journal			1										1
	BL38B1	Structural Biology III	2000.10	550	48	65	59	38	31	31	29	30	12	2	895
	BL39XU	Magnetic Materials	1997.10	233	25	19	24	30	20	19	29	22	15	6	442
	BL40B2	SAXS BM	1999.9	495	55	55	60	54	55	64	53	67	53	10	1021
	BL40XU	High Flux	2000.4	157	21	32	42	30	35	52	30	39	30	7	475
		Technical Journal								1					1
	BL41XU	Macromolecular Crystallography I	1997.10	891	71	62	68	58	51	41	46	36	17	1	1342
BL43IR	Infrared Materials Science	2000.4	98	11	17	14	23	10	21	29	21	21	3	268	
BL46XU	HAXPES II	2000.11	175	28	56	51	50	45	56	45	62	38	5	611	
	Technical Journal					1	1			1				3	
BL47XU	Micro-CT	1997.10	311	36	31	29	37	28	33	33	21	21	3	583	
	Technical Journal						1							1	
Public Use at Other Beamlines	BL05XU	R&D-ID	2017.4						3	7	9	9	2	1	31
	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	1	82
	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	6	17	15	27	30	35	24	18	1	196
	BL26B2	RIKEN Structural Genomics II	2009.4	10	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			1	24
	BL32XU	RIKEN Targeted Proteins	2010.10	18	11	16	8	15	16	14	13	8	6	1	126
	BL43LXU	Quantum NanoDynamics	2020.8										1		1
	BL44B2	RIKEN Materials Science I	1998.5	14			6	5	2	6	6	3	2		44
BL45XU	RIKEN Structural Biology I	1997.10	106	9	13	20	10	7	16	20	25	17	2	245	
Subtotal				8342	995	1046	1096	1042	997	1075	1209	1021	812	179	17814

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	1	182
		Technical Journal		77	39	36	33	31	28	28	34	24	26		356
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science (2009.11 - 2022.8)		22	13	12	19	19	16	21	13	15	17	3	170
		Technical Journal								1	2				3
	BL08B2	Hyogo BM	2005.9	12	9	5	6	11	5	7	11	10	10		86
		Technical Journal		8	18	7	4	4	1	3		1	1		47
	BL11XU	QST Quantum Dynamics I		111	14	8	20	20	16	20	14	20	10	5	258
	BL12B2	NSRRC BM	2001.9	191	21	29	38	34	37	48	33	27	13	1	472
	BL12XU	NSRRC ID	2003.2	81	18	19	18	25	19	27	30	15	16	1	269
	BL14B1	QST Quantum Dynamics II		148	15	19	17	23	21	21	26	27	24	5	346
	BL15XU	WEBRAM (2001.4 - 2021.9)		301	57	48	63	57	54	49	55	39	27	8	758
	BL16B2	SUNBEAM BM	1999.9	58	6	4	10	9	6	10	12	21	18	4	158
		Technical Journal		35	14	8	15	21	15	11	8	7	4	3	141
	BL16XU	SUNBEAM ID	1999.9	44	3	4	11	9	9	17	20	22	19	6	164
		Technical Journal		39	14	14	21	18	12	8	10	6	4	1	147
	BL22XU	JAEA Actinide Science I		95	19	15	14	15	26	25	18	27	26	5	285
		Technical Journal											1		1
	BL23SU	JAEA Actinide Science II		212	29	19	26	16	24	23	28	18	14	1	410
	BL24XU	Hyogo ID	1998.10	153	5	4	5	6	8	2	13	12	12		220
		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	55	4	2	2	3	5	2	1	1			75	
BL33XU	TOYOTA	2009.5	10	8	4	10	16	6	9	19	17	12	3	114	
	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	2	80	
BL44XU	Macromolecular Assemblies	2000.2	409	52	66	54	61	47	59	65	54	34	6	907	
Subtotal			1971	311	284	345	367	328	378	403	348	272	51	5058	
RIKEN Beamlines	BL05XU	R&D-ID		4		1					1	2		8	
	BL17SU	Coherent Soft X-ray Spectroscopy		90	8	5	8	5		1	8	4	1	2	132
	BL19LXU	SR Physics		109	13	9	5	6	1	4	1	2		2	152
	BL26B1	Structural Genomics I		186	13	8	6	4	1		1	1	1		221
	BL26B2	Structural Genomics II		132	10	3	7	10	2	2	2		2	1	171
	BL29XU	Coherent X-ray Optics		195	9	10	15	9	8	4	7	4			261
	BL32XU	Targeted Proteins		25	9	7	13	5	3	1	3	3	1		70
	BL38B2	Diagnosis Beamline		2											2
	BL43LXU	Quantum NanoDynamics		1		1	1				2				5
	BL44B2	Materials Science I		254	16	20	16	18	14	10	3	2	2	2	357
	BL45XU	Structural Biology I		211	9	13	13	8	5	2	5	4			270
	Subtotal			1209	87	77	84	65	34	24	32	21	9	7	1649

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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	1
BL2/BL3	XFEL2/XFEL1	2012.3	14	28	37	48	42	34	50	60	55	45	8	421	
Hardware / Software R & D				612	13	33	46	53	49	35	26	15	11		893
NET Sum Total				10329	1139	1200	1293	1268	1143	1245	1353	1158	916	181	21225
Technical Journal				173	97	67	74	71	54	49	53	34	35	3	710

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 2023 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 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 3 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	1430	66	89	1585
	BL02B1	Single Crystal Structure Analysis	1997.10	606	14	32	652
	BL02B2	Powder Diffraction	1999. 9	1508	41	86	1635
	BL04B1	High Temperature and High Pressure Research	1997.10	369	7	49	425
	BL04B2	High Energy X-ray Diffraction	1999. 9	650	13	62	725
	BL08W	High Energy Inelastic Scattering	1997.10	332	10	48	390
	BL09XU	HAXPES I	1997.10	305	15	37	357
	BL10XU	High Pressure Research	1997.10	636	22	61	719
	BL13XU	X-ray Diffraction and Scattering I	2001. 9	446	19	40	505
	BL14B2	XAFS II	2007. 9	783	11	39	833
	BL19B2	X-ray Diffraction and Scattering II	2001.11	837	47	94	978
	BL20B2	Medical and Imaging I	1999. 9	538	91	89	718
	BL20XU	Medical and Imaging II	2001. 9	574	106	151	831
	BL25SU	Soft X-ray Spectroscopy of Solid	1998. 4	572	15	61	648
	BL27SU	Soft X-ray Photochemistry	1998. 5	618	21	39	678
	BL28B2	White Beam X-ray Diffraction	1999. 9	322	17	25	364
	BL35XU	Inelastic and Nuclear Resonant Scattering	2001. 9	245	5	13	263
	BL37XU	Trace Element Analysis	2002.11	416	24	52	492
	BL38B1	Structural Biology III	2000.10	895	11	66	972
	BL39XU	Magnetic Materials	1997.10	442	17	80	539
	BL40B2	SAXS BM	1999. 9	1024	15	122	1161
	BL40XU	High Flux	2000. 4	476	25	71	572
	BL41XU	Macromolecular Crystallography I	1997.10	1342	4	102	1448
	BL43R	Infrared Materials Science	2000. 4	268	15	64	347
	BL46XU	HAXPES II	2000.11	614	20	45	679
	BL47XU	Micro-CT	1997.10	584	93	136	813
Public Use at Other Beamlines	BL05XU	R&D-ID	2017. 4	31			31
	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	82	1	29	112
	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	196		9	205
	BL26B2	RIKEN Structural Genomics II	2009. 4	69		11	80
	BL29XU	RIKEN Coherent X-ray Optics	2002. 9	24		1	25
	BL32XU	RIKEN Targeted Proteins	2010.10	126		5	131
	BL43LXU	Quantum NanoDynamics	2020. 8	1			1
	BL44B2	RIKEN Materials Science I	1998. 5	44		3	47
	BL45XU	RIKEN Structural Biology I	1997.10	245	5	20	270
Subtotal			17845	776	1871	20492	

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Contract Beamlines	BL03XU	Advanced Softmaterial	2009.11	538		18	556
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science (2009.11 - 2022.8)		173		11	184
	BL08B2	Hyogo BM	2005. 9	133			133
	BL11XU	QST Quantum Dynamics I		258	8	44	310
	BL12B2	NSRRC BM	2001. 9	472	1	2	475
	BL12XU	NSRRC ID	2003. 2	269	7	6	282
	BL14B1	QST Quantum Dynamics II		346	19	88	453
	BL15XU	WEBRAM (2001. 4 - 2021. 9)		758	14	60	832
	BL16B2	SUNBEAM BM	1999. 9	299	12	75	386
	BL16XU	SUNBEAM ID	1999. 9	311	8	61	380
	BL22XU	JAEA Actinide Science I		286	4	47	337
	BL23SU	JAEA Actinide Science II		410	45	110	565
	BL24XU	Hyogo ID	1998.10	255	19	63	337
	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	75	23	3	101
	BL33XU	TOYOTA	2009. 5	138	5	37	180
	BL36XU	Catalytic Reaction Dynamics for Fuel Cell (2013. 1 - 2020. 3)		80		6	86
	BL44XU	Macromolecular Assemblies	2000. 2	907		45	952
Subtotal			5813	165	680	6658	

RIKEN Beamlines	BL05XU	R&D-ID		8	6		14
	BL17SU	Coherent Soft X-ray Spectroscopy		132	4	13	149
	BL19LXU	SR Physics		152	8	27	187
	BL26B1	Structural Genomics I		221	2	19	242
	BL26B2	Structural Genomics II		171	1	13	185
	BL29XU	Coherent X-ray Optics		261	14	37	312
	BL32XU	Targeted Proteins		70		4	74
	BL38B2	Diagnosis Beamline		2	6		8
	BL43LXU	Quantum NanoDynamics		5			5
	BL44B2	Materials Science I		357	2	16	375
	BL45XU	Structural Biology I		270	5	45	320
	Subtotal			1649	48	174	1871

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Public Beamlines	Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total
	BL1	SXFEL	2016. 3	37			37
	BL2/BL3	XFEL2/XFEL1	2012. 3	421	4	17	442

Hardware / Software R & D			893	554	474	1921
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NET Sum Total			21935	1374	2477	25786
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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)

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。BL15XU、BL32B2、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。