

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6月30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	83	33	1367
		Technical Journal		1											1
	BL02B1	Single Crystal Structure Analysis	1997.10	170	36	42	36	44	40	30	48	51	52	14	563
	BL02B2	Powder Diffraction	1999.9	646	96	71	82	95	80	74	79	109	72	38	1442
	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	39	59	31	27	615
		Technical Journal			1							1			2
	BL08W	High Energy Inelastic Scattering	1997.10	167	15	13	19	16	16	14	10	18	25	10	323
	BL09XU	HAXPES I	1997.10	136	15	15	18	16	19	28	14	11	14	6	292
	BL10XU	High Pressure Research	1997.10	355	21	30	28	30	28	26	33	33	23	16	623
	BL13XU	X-ray Diffraction and Scattering I	2001.9	172	16	21	24	36	27	32	34	31	24	12	429
	BL14B2	XAFS II	2007.9	111	53	53	61	53	58	67	81	87	68	24	716
		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	59	57	15	800
		Technical Journal		1	1	1	2			2	1	1			9
	BL20B2	Medical and Imaging I	1999.9	241	28	25	35	26	28	32	28	40	22	15	520
	BL20XU	Medical and Imaging II	2001.9	185	40	45	44	37	34	31	44	33	38	10	541
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	329	24	32	20	19	25	20	24	30	22	14	559
		Technical Journal		2											2
	BL27SU	Soft X-ray Photochemistry	1998.5	331	41	35	25	36	27	26	16	41	17	4	599
	BL28B2	White Beam X-ray Diffraction	1999.9	121	21	18	21	19	25	20	15	26	14	7	307
	BL35XU	Inelastic and Nuclear Resonant Scattering	2001.9	95	14	13	16	15	15	14	8	21	17	4	232
	BL37XU	Trace Element Analysis	2002.11	133	32	28	35	29	29	29	24	33	19	9	400
		Technical Journal				1									1
	BL38B1	Structural Biology III	2000.10	469	59	48	65	60	38	30	31	29	27	8	864
	BL39XU	Magnetic Materials	1997.10	213	20	25	19	24	30	20	19	29	20	4	423
	BL40B2	SAXS BM	1999.9	425	70	55	55	60	54	55	63	53	64	36	990
		Technical Journal			1		1					1			3
	BL40XU	High Flux	2000.4	120	37	21	32	42	30	35	50	30	35	17	449
		Technical Journal									1				1
BL41XU	Macromolecular Crystallography I	1997.10	783	65	55	60	68	58	51	41	46	31	7	1265	
BL43IR	Infrared Materials Science	2000.4	88	10	11	17	14	23	10	21	29	21	10	254	
BL46XU	HAXPES II	2000.11	137	38	28	56	51	50	45	55	42	57	15	574	
	Technical Journal						1	1			1			3	
BL47XU	Micro-CT	1997.10	275	36	36	31	29	37	28	33	33	21	10	569	
	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	1	78
	BL19LXU	RIKEN SR Physics	2002.9	5		1	1	2	5	7	2	3	8		34
	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	2	9	6	15	15	24	30	32	21	10	175
	BL26B2	RIKEN Structural Genomics II	2009.4	7	3	5	7	11	8	9	9	6	1	3	69
		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	16	16	13	13	6	1	116
	BL43LXU	Quantum NanoDynamics	2020.8											1	1
	BL44B2	RIKEN Materials Science I	1998.5	14				6	5	2	6	4	1		38
BL45XU	RIKEN Structural Biology I	1997.10	99	7	9	13	20	10	6	15	19	22	7	227	
Subtotal				7273	1003	977	1043	1095	1043	993	1062	1185	957	397	17028

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	4	177
		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	12	10	13	12	19	19	15	21	13	13	7	154
		Technical Journal									1				1
	BL08B2	Hyogo BM	2005. 9	5	7	9	5	6	11	5	7	11	10	5	81
		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	19	7	248
	BL12B2	NSRRC BM	2001. 9	169	22	21	29	38	34	37	34	18	15	5	422
	BL12XU	NSRRC ID	2003. 2	70	11	18	19	18	25	19	24	24	9	6	243
	BL14B1	QST Quantum Dynamics II		138	10	15	19	17	23	20	21	26	28	16	333
	BL15XU	WEBRAM (2001. 4 - 2021. 9)		240	61	57	48	63	57	54	48	55	33	14	730
	BL16B2	SUNBEAM BM	1999. 9	55	3	6	4	10	9	6	10	12	21	11	147
		Technical Journal		20	15	14	8	15	21	15	10	8	4	4	134
	BL16XU	SUNBEAM ID	1999. 9	42	2	3	4	11	9	9	17	20	22	13	152
		Technical Journal		20	19	14	14	21	18	12	8	9	5	4	144
	BL22XU	JAEA Actinide Science I		81	14	19	15	14	15	26	24	18	27	12	265
		Technical Journal												1	1
	BL23SU	JAEA Actinide Science II		195	17	29	19	26	16	24	23	28	19	12	408
	BL24XU	Hyogo ID	1998.10	145	8	5	4	5	6	8	2	13	12	5	213
		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	3	61	
	Technical Journal										1			1	
BL31LEP	Laser-Electron Photon II	2013.10			1		3	2	1	3	2			12	
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				73	
BL33XU	TOYOTA	2009. 5	8	2	8	4	10	16	6	9	19	17	6	105	
	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	10	4	5	75	
BL44XU	Macromolecular Assemblies	2000.2	336	59	50	65	54	61	47	52	58	42	16	840	
Subtotal			1683	274	309	283	345	367	325	352	373	310	147	4768	
RIKEN Beamlines	BL05XU	R&D-ID		3	1		1						2	7	
	BL17SU	Coherent Soft X-ray Spectroscopy		87	3	8	5	8	5		1	6	1		124
	BL19LXU	SR Physics		97	12	13	9	5	6	1	4	1	2		150
	BL26B1	Structural Genomics I		174	7	4	5	4	4	1		1			200
	BL26B2	Structural Genomics II		112	13	4	3	7	10	2	2	2			155
	BL29XU	Coherent X-ray Optics		180	15	9	10	15	9	8	4	7	3		260
	BL32XU	Targeted Proteins		11	8	8	7	13	4	3	1	3	3	1	62
	BL38B2	Diagnosis Beamline		2											2
	BL43LXU	Quantum NanoDynamics			1		1	1				2			5
	BL44B2	Materials Science I		234	19	16	20	16	18	14	10	3	2	2	354
	BL45XU	Structural Biology I		200	11	9	13	13	8	5	2	5	3		269
	Subtotal			1100	90	71	74	82	64	34	24	30	14	5	1588

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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	8	2
BL2/BL3	XFEL2/XFEL1	2012. 3	1	13	28	37	48	42	34	49	60	55	25		392
Hardware / Software R & D				545	67	13	33	46	53	49	35	26	15	5	887
NET Sum Total				9039	1202	1105	1194	1291	1268	1141	1217	1313	1073	467	20310
Technical Journal				93	80	97	67	74	71	54	48	50	31	9	674

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 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 (2022 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	1368	66	89	1523
	BL02B1	Single Crystal Structure Analysis	1997.10	563	14	32	609
	BL02B2	Powder Diffraction	1999. 9	1442	41	85	1568
	BL04B1	High Temperature and High Pressure Research	1997.10	365	7	48	420
	BL04B2	High Energy X-ray Diffraction	1999. 9	617	13	60	690
	BL08W	High Energy Inelastic Scattering	1997.10	323	10	48	381
	BL09XU	HAXPES I	1997.10	292	15	36	343
	BL10XU	High Pressure Research	1997.10	623	22	61	706
	BL13XU	X-ray Diffraction and Scattering I	2001. 9	429	19	39	487
	BL14B2	XAFS II	2007. 9	723	11	39	773
	BL19B2	X-ray Diffraction and Scattering II	2001.11	809	47	94	950
	BL20B2	Medical and Imaging I	1999. 9	520	90	89	699
	BL20XU	Medical and Imaging II	2001. 9	541	106	151	798
	BL25SU	Soft X-ray Spectroscopy of Solid	1998. 4	561	15	61	637
	BL27SU	Soft X-ray Photochemistry	1998. 5	599	21	39	659
	BL28B2	White Beam X-ray Diffraction	1999. 9	307	17	24	348
	BL35XU	Inelastic and Nuclear Resonant Scattering	2001. 9	232	5	13	250
	BL37XU	Trace Element Analysis	2002.11	401	24	52	477
	BL38B1	Structural Biology III	2000.10	864	11	66	941
	BL39XU	Magnetic Materials	1997.10	423	17	80	520
	BL40B2	SAXS BM	1999. 9	993	15	122	1130
	BL40XU	High Flux	2000. 4	450	24	71	545
	BL41XU	Macromolecular Crystallography I	1997.10	1265	4	101	1370
	BL43R	Infrared Materials Science	2000. 4	254	15	62	331
	BL46XU	HAXPES II	2000.11	577	20	43	640
	BL47XU	Micro-CT	1997.10	570	93	135	798
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	78	1	29	108
	BL19LXU	RIKEN SR Physics	2002. 9	34		4	38
	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	175		9	184
	BL26B2	RIKEN Structural Genomics II	2009. 4	70		11	81
	BL29XU	RIKEN Coherent X-ray Optics	2002. 9	23		1	24
	BL32XU	RIKEN Targeted Proteins	2010.10	116		5	121
	BL43LXU	Quantum NanoDynamics	2020. 8	1			1
	BL44B2	RIKEN Materials Science I	1998. 5	38		3	41
	BL45XU	RIKEN Structural Biology I	1997.10	227	5	20	252
Subtotal			17059	774	1857	19690	

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Contract Beamlines	BL03XU	Advanced Softmaterial	2009.11	507		18	525
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science	2009.11	155		11	166
	BL08B2	Hyogo BM	2005. 9	128			128
	BL11XU	QST Quantum Dynamics I		248	8	44	300
	BL12B2	NSRRC BM	2001. 9	422	1	2	425
	BL12XU	NSRRC ID	2003. 2	243	7	6	256
	BL14B1	QST Quantum Dynamics II		333	16	89	438
	BL15XU	WEBRAM (2001. 4 - 2021. 9)		730	14	60	804
	BL16B2	SUNBEAM BM	1999. 9	281	12	75	368
	BL16XU	SUNBEAM ID	1999. 9	296	8	61	365
	BL22XU	JAEA Actinide Science I		266	4	47	317
	BL23SU	JAEA Actinide Science II		408	45	110	563
	BL24XU	Hyogo ID	1998.10	248	19	62	329
	BL28XU	Advanced Batteries	2012. 4	62			62
	BL31LEP	Laser-Electron Photon II	2013.10	12			12
	BL32B2	Pharmaceutical Industry (2002. 9 - 2012. 3)		29		3	32
	BL33LEP	Laser-Electron Photon	2000.10	73	23	3	99
	BL33XU	TOYOTA	2009. 5	129	5	35	169
	BL36XU	Catalytic Reaction Dynamics for Fuel Cell (2013. 1 - 2020. 3)		75		6	81
	BL44XU	Macromolecular Assemblies	2000. 2	840		45	885
Subtotal			5485	162	677	6324	

RIKEN Beamlines	BL05XU	R&D-ID		7	6		13
	BL17SU	Coherent Soft X-ray Spectroscopy		124	4	13	141
	BL19LXU	SR Physics		150	8	27	185
	BL26B1	Structural Genomics I		200	2	19	221
	BL26B2	Structural Genomics II		155	1	13	169
	BL29XU	Coherent X-ray Optics		260	14	37	311
	BL32XU	Targeted Proteins		62		4	66
	BL38B2	Diagnosis Beamline		2	6		8
	BL43LXU	Quantum NanoDynamics		5			5
	BL44B2	Materials Science I		354	2	16	372
	BL45XU	Structural Biology I		269	5	45	319
	Subtotal			1588	48	174	1810

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Public Beamlines	Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total
	BL1	SXFEL	2016. 3	32			32
	BL2/BL3	XFEL2/XFEL1	2012. 3	392	4	15	411

Hardware / Software R & D			887	554	472	1913
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NET Sum Total			20984	1370	2463	24817
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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。