

## 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9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	84	47	1382
		Technical Journal		1										1	
	BL02B1	Single Crystal Structure Analysis	1997.10	170	36	42	36	44	40	30	48	52	54	25	577
	BL02B2	Powder Diffraction	1999.9	646	96	71	82	95	80	74	79	110	72	59	1464
	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	40	59	31	39	628
		Technical Journal			1							1			2
	BL08W	High Energy Inelastic Scattering	1997.10	167	15	13	19	16	16	14	11	18	25	11	325
	BL09XU	HAXPES I	1997.10	136	15	15	18	16	19	28	14	11	14	10	296
	BL10XU	High Pressure Research	1997.10	355	21	30	28	30	28	26	33	33	23	21	628
	BL13XU	X-ray Diffraction and Scattering I	2001.9	172	16	21	24	36	27	32	34	31	25	16	434
	BL14B2	XAFS II	2007.9	111	53	53	61	53	58	67	81	87	72	42	738
		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	60	57	21	807
		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	23	22	528
	BL20XU	Medical and Imaging II	2001.9	185	40	45	44	37	34	31	44	34	38	15	547
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	329	24	32	20	19	25	20	24	30	22	15	560
		Technical Journal		2											2
	BL27SU	Soft X-ray Photochemistry	1998.5	331	41	35	25	36	27	26	16	41	17	9	604
	BL28B2	White Beam X-ray Diffraction	1999.9	121	21	18	21	19	25	20	16	26	14	9	310
	BL35XU	Inelastic and Nuclear Resonant Scattering	2001.9	95	14	13	16	15	15	14	8	21	17	8	236
	BL37XU	Trace Element Analysis	2002.11	133	32	28	35	29	29	29	24	33	19	12	403
		Technical Journal				1									1
	BL38B1	Structural Biology III	2000.10	488	59	48	65	59	38	31	31	29	29	11	888
	BL39XU	Magnetic Materials	1997.10	213	20	25	19	24	30	20	19	29	21	8	428
	BL40B2	SAXS BM	1999.9	425	70	55	55	60	54	55	63	53	65	43	998
		Technical Journal			1		1					1			3
	BL40XU	High Flux	2000.4	120	37	21	32	42	30	35	52	30	39	26	464
		Technical Journal									1				1
BL41XU	Macromolecular Crystallography I	1997.10	799	65	55	60	68	58	51	41	46	32	9	1284	
BL43IR	Infrared Materials Science	2000.4	88	10	11	17	14	23	10	21	29	21	15	259	
BL46XU	HAXPES II	2000.11	137	38	28	56	51	50	45	56	42	61	25	589	
	Technical Journal						1	1			1			3	
BL47XU	Micro-CT	1997.10	275	36	36	31	29	37	28	33	33	21	14	573	
	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	2	79
	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	17	15	27	30	34	23	14	188
	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	13	13	6	2	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	7	15	19	25	11	235	
Subtotal			7308	1003	977	1043	1096	1042	996	1068	1192	984	574	17283	

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	12	10	13	12	19	19	15	21	13	14	11	159
		Technical Journal									1				1
	BL08B2	Hyogo BM	2005.9	5	7	9	5	6	11	5	7	11	10	7	83
		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	7	249
	BL12B2	NSRRC BM	2001.9	169	22	21	29	38	34	37	47	32	26	10	465
	BL12XU	NSRRC ID	2003.2	70	11	18	19	18	25	19	26	29	14	13	262
	BL14B1	QST Quantum Dynamics II		138	10	15	19	17	23	20	21	26	27	19	335
	BL15XU	WEBRAM (2001.4 - 2021.9)		240	61	57	48	63	57	54	48	55	33	18	734
	BL16B2	SUNBEAM BM	1999.9	55	3	6	4	10	9	6	10	12	21	15	151
		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	16	155
		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	25	18	27	16	270
		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	7	215
		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		74	
BL33XU	TOYOTA	2009.5	8	2	8	4	10	16	6	9	19	17	8	107	
	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	341	59	50	65	54	61	47	59	64	52	25	877	
Subtotal			1688	274	309	283	345	367	325	375	399	338	204	4907	
RIKEN Beamlines	BL05XU	R&D-ID		3	1		1						2	7	
	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	7	4	5	4	4	1		1	1	1	206
	BL26B2	Structural Genomics II		116	14	4	3	7	10	2	2	2		2	162
	BL29XU	Coherent X-ray Optics		180	15	9	10	15	9	8	4	7	4		261
	BL32XU	Targeted Proteins		12	8	8	7	13	5	3	1	3	3	1	64
	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	3		269
	Subtotal			1110	91	71	74	82	65	34	24	32	19	9	1611

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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	36	403	

Hardware / Software R & D	545	67	13	33	46	53	49	35	26	15	11	893
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NET Sum Total	9081	1203	1105	1194	1291	1268	1141	1237	1338	1118	665	20641
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 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 (2022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	1383	66	89	1538
	BL02B1	Single Crystal Structure Analysis	1997.10	577	14	32	623
	BL02B2	Powder Diffraction	1999. 9	1464	41	85	1590
	BL04B1	High Temperature and High Pressure Research	1997.10	365	7	48	420
	BL04B2	High Energy X-ray Diffraction	1999. 9	630	13	62	705
	BL08W	High Energy Inelastic Scattering	1997.10	325	10	48	383
	BL09XU	HAXPES I	1997.10	296	15	37	348
	BL10XU	High Pressure Research	1997.10	628	22	61	711
	BL13XU	X-ray Diffraction and Scattering I	2001. 9	434	19	39	492
	BL14B2	XAFS II	2007. 9	745	11	39	795
	BL19B2	X-ray Diffraction and Scattering II	2001.11	816	47	94	957
	BL20B2	Medical and Imaging I	1999. 9	528	90	89	707
	BL20XU	Medical and Imaging II	2001. 9	547	106	151	804
	BL25SU	Soft X-ray Spectroscopy of Solid	1998. 4	562	15	61	638
	BL27SU	Soft X-ray Photochemistry	1998. 5	604	21	39	664
	BL28B2	White Beam X-ray Diffraction	1999. 9	310	17	24	351
	BL35XU	Inelastic and Nuclear Resonant Scattering	2001. 9	236	5	13	254
	BL37XU	Trace Element Analysis	2002.11	404	24	52	480
	BL38B1	Structural Biology III	2000.10	888	11	66	965
	BL39XU	Magnetic Materials	1997.10	428	17	80	525
	BL40B2	SAXS BM	1999. 9	1001	15	122	1138
	BL40XU	High Flux	2000. 4	465	24	71	560
	BL41XU	Macromolecular Crystallography I	1997.10	1284	4	101	1389
	BL43R	Infrared Materials Science	2000. 4	259	15	62	336
BL46XU	HAXPES II	2000.11	592	20	43	655	
BL47XU	Micro-CT	1997.10	574	93	135	802	
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	79	1	29	109
	BL19LXU	RIKEN SR Physics	2002. 9	34		5	39
	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	188		9	197
	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	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	235	5	20	260	
Subtotal			17314	774	1861	19949	

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	160		11	171
	BL08B2	Hyogo BM	2005. 9	130			130
	BL11XU	QST Quantum Dynamics I		249	8	44	301
	BL12B2	NSRRC BM	2001. 9	465	1	2	468
	BL12XU	NSRRC ID	2003. 2	262	7	6	275
	BL14B1	QST Quantum Dynamics II		335	16	88	439
	BL15XU	WEBRAM (2001. 4 - 2021. 9)		734	14	60	808
	BL16B2	SUNBEAM BM	1999. 9	285	12	75	372
	BL16XU	SUNBEAM ID	1999. 9	299	8	61	368
	BL22XU	JAEA Actinide Science I		271	4	47	322
	BL23SU	JAEA Actinide Science II		410	45	110	565
	BL24XU	Hyogo ID	1998.10	250	19	63	332
	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	74	23	3	100
	BL33XU	TOYOTA	2009. 5	131	5	35	171
	BL36XU	Catalytic Reaction Dynamics for Fuel Cell (2013. 1 - 2020. 3)		76		6	82
	BL44XU	Macromolecular Assemblies	2000. 2	877		45	922
Subtotal			5624	162	677	6463	

RIKEN Beamlines	BL05XU	R&D-ID		7	6		13
	BL17SU	Coherent Soft X-ray Spectroscopy		130	4	13	147
	BL19LXU	SR Physics		150	8	27	185
	BL26B1	Structural Genomics I		206	2	19	227
	BL26B2	Structural Genomics II		162	1	13	176
	BL29XU	Coherent X-ray Optics		261	14	37	312
	BL32XU	Targeted Proteins		64		4	68
	BL38B2	Diagnosis Beamline		2	6		8
	BL43LXU	Quantum NanoDynamics		5			5
	BL44B2	Materials Science I		355	2	16	373
	BL45XU	Structural Biology I		269	5	45	319
	Subtotal			1611	48	174	1833

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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	403	4	15	422

Hardware / Software R & D			893	554	474	1921
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NET Sum Total			21315	1370	2466	25151
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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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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。