

# 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 (2021年3月31日現在)

SPring-8

Beamline Name		Public Use Since	~2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Total	
Public Beamlines	BL01B1	XAFS	1997.10	491	65	74	92	75	87	94	81	84	90	18	1251
		Technical Journal			1										1
	BL02B1	Single Crystal Structure Analysis	1997.10	152	18	36	42	36	44	40	29	46	47	10	500
	BL02B2	Powder Diffraction	1999.9	587	59	96	71	82	95	79	73	74	86	15	1317
	BL04B1	High Temperature and High Pressure Research	1997.10	196	16	20	19	16	16	15	15	19	13	3	348
	BL04B2	High Energy X-ray Diffraction	1999.9	217	28	28	33	37	43	30	41	38	60	3	558
		Technical Journal				1									1
	BL08W	High Energy Inelastic Scattering	1997.10	148	19	15	13	19	15	16	14	10	18	5	292
	BL09XU	Nuclear Resonant Scattering	1997.10	123	13	15	15	18	16	19	28	14	10	1	272
	BL10XU	High Pressure Research	1997.10	327	28	21	30	29	30	28	24	25	28	5	575
	BL13XU	Surface and Interface Structure	2001.9	166	6	16	21	24	36	27	32	33	24	9	394
	BL14B2	Engineering Science Research II	2007.9	75	36	53	53	61	53	58	66	79	82	20	636
		Technical Journal			1	1	1					1	2		6
	BL19B2	Engineering Science Research I	2001.11	178	53	59	63	65	64	68	60	57	53	16	736
		Technical Journal			1	1	1	2			2	1	1		9
	BL20B2	Medical and Imaging I	1999.9	206	35	28	25	35	26	28	31	25	31	3	473
	BL20XU	Medical and Imaging II	2001.9	164	21	40	45	43	37	34	29	43	26	5	487
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	307	22	24	31	20	19	25	20	22	28	6	524
		Technical Journal			2										2
	BL27SU	Soft X-ray Photochemistry	1998.5	313	18	41	35	25	36	27	25	16	38	7	581
	BL28B2	White Beam X-ray Diffraction	1999.9	110	10	21	18	21	19	25	20	13	25	5	287
	BL35XU	High Resolution Inelastic Scattering	2001.9	87	8	14	13	16	15	15	14	8	20	9	219
	BL37XU	Trace Element Analysis	2002.11	119	14	32	28	35	29	29	29	21	23	5	364
		Technical Journal					1								1
	BL38B1	Structural Biology III	2000.10	378	60	59	48	65	60	38	30	31	28	7	804
	BL39XU	Magnetic Materials	1997.10	192	21	20	25	19	24	30	20	18	26	3	398
	BL40B2	Structural Biology II	1999.9	378	44	70	55	55	60	54	55	62	48	17	898
		Technical Journal				1		1							2
	BL40XU	High Flux	2000.4	102	18	37	21	32	42	30	34	44	28	9	397
		Technical Journal										1			1
BL41XU	Structural Biology I	1997.10	660	53	65	55	60	68	57	52	39	41	10	1160	
BL43IR	Infrared Materials Science	2000.4	77	11	10	11	17	15	23	10	19	24	5	222	
BL46XU	Engineering Science Research III	2000.11	122	15	38	28	56	51	49	45	50	30	12	496	
	Technical Journal							1	1			1		3	
BL47XU	HXPES・MCT	1997.10	258	17	36	36	31	29	37	28	29	25	5	531	
	Technical Journal								1					1	
Public Use at Other Beamlines	BL05XU	RIKEN Diagnosis Beamline I	2017.4								3	6	8	4	21
	BL11XU	QST Quantum Dynamics I	1999.3	13											13
	BL14B1	QST Quantum Dynamics II	1998.4	46	1		1								48
	BL15XU	WEBRAM	2002.9	33	1		1								35
	BL17SU	RIKEN Coherent Soft X-ray Spectroscopy	2005.9	15	6	11	12	5	2	3	5	8	6		73
	BL19LXU	RIKEN SR Physics	2002.9	5			1	1	2	5	7	2	2	1	26
	BL22XU	JAEA Actinide Science I	2004.9	5		1									6
	BL23SU	JAEA Actinide Science II	1998.6	46	2	3	2						1		54
	BL26B1	RIKEN Structural Genomics I	2009.4	3	8	2	9	6	15	15	22	29	32	6	147
	BL26B2	RIKEN Structural Genomics II	2009.4	1	5	3	5	7	11	8	9	8	6	1	64
		Technical Journal							1						1
	BL29XU	RIKEN Coherent X-ray Optics	2002.9	13			1	1	2	2	3				22
	BL32XU	RIKEN Targeted Proteins	2010.10	5	5	8	9	16	8	16	16	11	12	2	108
BL44B2	RIKEN Materials Science	1998.5	14					6	5	2	6	4	1	38	
BL45XU	RIKEN Structural Biology I	1997.10	93	6	7	9	13	20	10	6	15	18	4	201	
Subtotal			6425	742	1003	976	1041	1095	1039	978	1004	1041	232	15576	

Beamline Name		Public Use Since	~2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Total
BL03XU	Advanced Softmaterials	2009.11	6	8	24	21	14	17	23	9	19	17	3	161
	Technical Journal			35	42	39	36	33	31	28	28	34		306
BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science	2009.11	6	6	10	13	12	19	19	15	21	13	3	137
BL08B2	Hyogo Prefecture BM	2005.9	2	3	7	9	5	6	11	5	7	10	3	68
	Technical Journal			7	1	18	7	4	4	1	3			45
BL11XU	QST Quantum Dynamics I		82	13	16	14	8	20	20	15	18	11	7	224
BL12B2	NSRRC BM	2001.9	144	25	22	21	29	38	34	36	32	14	2	397
BL12XU	NSRRC ID	2003.2	56	14	11	18	19	18	25	20	24	18	1	224
BL14B1	QST Quantum Dynamics II		127	11	10	15	19	17	23	20	19	21	5	287
BL15XU	WEBRAM	2001.4	199	41	61	57	48	63	57	51	44	47	7	675
BL16B2	Sunbeam BM	1999.9	51	4	3	6	4	10	9	6	10	11	5	119
	Technical Journal		2	18	15	14	8	15	21	15	10	7	2	127
BL16XU	Sunbeam ID	1999.9	40	2	2	3	4	11	9	9	17	20	5	122
	Technical Journal			20	19	14	14	21	18	12	8	9	3	138
BL22XU	JAEA Actinide Science I		71	10	14	19	15	14	15	26	23	16	5	228
BL23SU	JAEA Actinide Science II		175	20	17	29	19	26	16	24	22	24	2	374
BL24XU	Hyogo Prefecture ID	1998.10	138	7	8	5	4	5	6	8	2	12	2	197
	Technical Journal			11	3	10	3	1	4		1	1		34
BL28XU	RISING II	2012.4			3	9	5	5	5	4	8	10		49
	Technical Journal											1		1
BL31LEP	Laser-Electron Photon II	2013.10				1		3	2	1	2	2		11
BL32B2	Pharmaceutical Industry (2002.9 - 2012.3)		27					1						28
BL33LEP	Laser-Electron Photon	2000.10	47	4	4	4	2	2	3	5	2			73
BL33XU	Toyota	2009.5	3	5	2	8	4	10	16	6	9	19	5	87
	Technical Journal		2	5	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	2	68
BL44XU	Macromolecular Assemblies	2000.2	247	59	59	50	65	54	61	47	50	53	18	763
Subtotal			1421	232	274	309	283	345	366	322	337	328	75	4292

RIKEN Beamlines	BL17SU	Coherent Soft X-ray Spectroscopy		73	14	3	8	5	8	5		1	6		123
	BL19LXU	SR Physics		86	11	12	13	9	5	6	1	4	1		148
	BL26B1	Structural Genomics I		158	8	7	4	5	4	4	1		1		192
	BL26B2	Structural Genomics II		88	19	13	4	3	7	10	2	2	1		149
	BL29XU	Coherent X-ray Optics		164	16	15	9	10	15	9	8	4	7		257
	BL32XU	Targeted Proteins		2	9	8	8	7	13	4	3	1	2		57
	BL43LXU	Quantum NanoDynamics				1		1	1				2		5
	BL44B2	Materials Science		217	13	19	16	20	16	18	14	10	2	1	346
	BL45XU	Structural Biology I		191	9	11	9	13	13	8	5	2	5	2	268
	Subtotal			979	99	89	71	73	82	64	34	24	27	3	1545

SACLA

Public Beamlines	Beamline Name		Public Use Since	~2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Total
	BL1	SXFEL	2016.3									7	5	9	
BL2/BL3	XFEL2/XFEL1	2012.3		1	13	28	37	47	42	34	43	55	8		308

Hardware / Software R & D	489	56	67	13	33	46	53	49	34	24					864
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NET Sum Total	7976	931	1202	1104	1194	1289	1263	1125	1159	1155	248	18646
Technical Journal	4	89	80	97	67	74	71	54	47	49	4	636

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ビームラインでカウントした。

このデータは論文発表等登録データベース (<https://user.spring8.or.jp/ui/search/publication2/>) に 2021 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ビームライン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 (2021年3月31日現在)

SPring-8

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Public Beamlines	BL01B1	XAFS	1997.10	1252	66	90	1408
	BL02B1	Single Crystal Structure Analysis	1997.10	500	14	31	545
	BL02B2	Powder Diffraction	1999.9	1317	41	83	1441
	BL04B1	High Temperature and High Pressure Research	1997.10	348	7	48	403
	BL04B2	High Energy X-ray Diffraction	1999.9	559	13	59	631
	BL08W	High Energy Inelastic Scattering	1997.10	292	10	48	350
	BL09XU	Nuclear Resonant Scattering	1997.10	272	15	34	321
	BL10XU	High Pressure Research	1997.10	575	22	61	658
	BL13XU	Surface and Interface Structure	2001.9	394	19	38	451
	BL14B2	Engineering Science Research II	2007.9	642	11	37	690
	BL19B2	Engineering Science Research I	2001.11	745	47	93	885
	BL20B2	Medical and Imaging I	1999.9	473	88	89	650
	BL20XU	Medical and Imaging II	2001.9	487	106	138	731
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	526	15	61	602
	BL27SU	Soft X-ray Photochemistry	1998.5	581	21	39	641
	BL28B2	White Beam X-ray Diffraction	1999.9	287	17	24	328
	BL35XU	High Resolution Inelastic Scattering	2001.9	219	5	14	238
	BL37XU	Trace Element Analysis	2002.11	365	24	51	440
	BL38B1	Structural Biology III	2000.10	804	11	64	879
	BL39XU	Magnetic Materials	1997.10	398	17	81	496
	BL40B2	Structural Biology II	1999.9	900	15	117	1032
	BL40XU	High Flux	2000.4	398	24	70	492
	BL41XU	Structural Biology I	1997.10	1160	4	99	1263
	BL43IR	Infrared Materials Science	2000.4	222	15	60	297
	BL46XU	Engineering Science Research III	2000.11	499	20	41	560
	BL47XU	HXPES・MCT	1997.10	532	93	131	756
Public Use at Other Beamlines	BL05XU	RIKEN Diagnosis Beamline I	2017.4	21			21
	BL11XU	QST Quantum Dynamics I	1999.3	13	2	2	17
	BL14B1	QST Quantum Dynamics II	1998.4	48	1	11	60
	BL15XU	WEBRAM	2002.9	35	19	7	61
	BL17SU	RIKEN Coherent Soft X-ray Spectroscopy	2005.9	73	1	29	103
	BL19LXU	RIKEN SR Physics	2002.9	26		3	29
	BL22XU	JAEA Actinide Science I	2004.9	6			6
	BL23SU	JAEA Actinide Science II	1998.6	54	4	15	73
	BL26B1	RIKEN Structural Genomics I	2009.4	147		9	156
	BL26B2	RIKEN Structural Genomics II	2009.4	65		11	76
	BL29XU	RIKEN Coherent X-ray Optics	2002.9	22		1	23
	BL32XU	RIKEN Targeted Proteins	2010.10	108		4	112
	BL44B2	RIKEN Materials Science	1998.5	38		3	41
	BL45XU	RIKEN Structural Biology I	1997.10	201	5	20	226
Subtotal			15604	772	1816	18192	

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Contract Beamlines	BL03XU	Advanced Softmaterials	2009.11	467		14	481
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science	2009.11	137		11	148
	BL08B2	Hyogo Prefecture BM	2005. 9	113			113
	BL11XU	QST Quantum Dynamics I		224	8	37	269
	BL12B2	NSRRC BM	2001. 9	397	1	2	400
	BL12XU	NSRRC ID	2003. 2	224	7	6	237
	BL14B1	QST Quantum Dynamics II		287	14	69	370
	BL15XU	WEBRAM	2001. 4	675	14	61	750
	BL16B2	Sunbeam BM	1999. 9	246	12	75	333
	BL16XU	Sunbeam ID	1999. 9	260	8	60	328
	BL22XU	JAEA Actinide Science I		228	4	43	275
	BL23SU	JAEA Actinide Science II		374	45	109	528
	BL24XU	Hyogo Prefecture ID	1998.10	231	19	62	312
	BL28XU	RISING II	2012. 4	50			50
	BL31LEP	Laser-Electron Photon II	2013.10	11			11
	BL32B2	Pharmaceutical Industry (2002. 9 - 2012. 3)		28		3	31
	BL33LEP	Laser-Electron Photon	2000.10	73	23	3	99
	BL33XU	Toyota	2009. 5	111	5	32	148
	BL36XU	Catalytic Reaction Dynamics for Fuel Cell (2013. 1 - 2020. 3)		68		6	74
	BL44XU	Macromolecular Assemblies	2000. 2	763		43	806
Subtotal			4967	160	636	5763	
RIKEN Beamlines	BL17SU	Coherent Soft X-ray Spectroscopy		123	4	13	140
	BL19LXU	SR Physics		148	8	27	183
	BL26B1	Structural Genomics I		192	2	19	213
	BL26B2	Structural Genomics II		149	1	13	163
	BL29XU	Coherent X-ray Optics		257	14	37	308
	BL32XU	Targeted Proteins		57		3	60
	BL43LXU	Quantum NanoDynamics		5			5
	BL44B2	Materials Science		346	2	16	364
	BL45XU	Structural Biology I		268	5	45	318
	Subtotal			1545	36	173	1754

SACLA

Public Beamlines	Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total
	BL1	SXFEL	2016. 3	21			21
	BL2/BL3	XFEL2/XFEL1	2012. 3	308	4	15	327

Hardware / Software R & D	864	554	466	1884
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NET Sum Total	19282	1366	2387	23035
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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ビームラインでカウントした。

・SPring-8 または SACLA での成果を論文等にする場合は必ずビームライン名および課題番号の記述を入れて下さい。