

# 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 (2019年3月31日現在)

SPring-8

Beamline Name		Public Use Since	~2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Total	
Public Beamlines	BL01B1	XAFS	1997.10	357	58	76	65	74	92	75	86	89	66	11	1049
		Technical Journal				1								1	
	BL02B1	Single Crystal Structure Analysis	1997.10	121	19	12	18	36	42	36	42	36	29	6	397
	BL02B2	Powder Diffraction	1999.9	438	67	82	59	96	71	81	94	78	70	14	1150
	BL04B1	High Temperature and High Pressure Research	1997.10	153	21	22	16	20	19	16	16	15	15	3	316
	BL04B2	High Energy X-ray Diffraction	1999.9	166	28	23	28	28	33	37	43	28	32	8	454
		Technical Journal					1								1
	BL08W	High Energy Inelastic Scattering	1997.10	116	12	20	19	15	13	19	15	16	14	3	262
	BL09XU	Nuclear Resonant Scattering	1997.10	101	9	13	13	15	15	18	16	19	25	4	248
	BL10XU	High Pressure Research	1997.10	260	35	32	28	21	30	29	29	28	18	3	513
	BL13XU	Surface and Interface Structure	2001.9	121	18	27	6	16	21	24	36	27	30	8	334
	BL14B2	Engineering Science Research II	2007.9	18	25	32	36	53	53	61	52	58	56	17	461
		Technical Journal				1	1	1							3
	BL19B2	Engineering Science Research I	2001.11	125	18	35	53	58	62	63	62	62	55	12	605
		Technical Journal				1	1	1	2				2		7
	BL20B2	Medical and Imaging I	1999.9	165	17	24	35	28	25	35	25	27	27	6	414
	BL20XU	Medical and Imaging II	2001.9	102	36	27	21	40	44	43	37	28	24	5	407
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	261	21	25	22	24	31	20	19	25	19	6	473
		Technical Journal				2									2
	BL27SU	Soft X-ray Photochemistry	1998.5	258	24	31	18	41	35	25	36	27	21	3	519
	BL28B2	White Beam X-ray Diffraction	1999.9	86	9	15	10	21	18	21	19	25	16	5	245
	BL35XU	High Resolution Inelastic Scattering	2001.9	66	9	12	8	14	13	16	15	15	14	2	184
	BL37XU	Trace Element Analysis	2002.11	74	22	23	13	32	28	35	28	28	22	1	306
		Technical Journal							1						1
	BL38B1	Structural Biology III	2000.10	281	48	48	60	59	48	65	60	36	27	10	742
	BL39XU	Magnetic Materials	1997.10	158	15	19	21	20	25	19	24	29	18	4	352
	BL40B2	Structural Biology II	1999.9	292	44	42	43	70	54	55	59	53	54	14	780
		Technical Journal					1		1						2
	BL40XU	High Flux	2000.4	78	11	13	18	37	21	31	41	30	27	6	313
	BL41XU	Structural Biology I	1997.10	524	66	66	53	65	55	60	67	54	40	8	1058
BL43IR	Infrared Materials Science	2000.4	63	6	8	11	8	11	17	15	23	10	5	177	
BL46XU	Engineering Science Research III	2000.11	80	20	22	15	37	28	52	49	42	30	12	387	
	Technical Journal								1	1				2	
BL47XU	HXPES・MCT	1997.10	200	27	31	17	36	36	30	29	33	27	8	474	
	Technical Journal										1			1	
Public Use at Other Beamlines	BL05XU	RIKEN Diagnosis Beamline I	2017.4										1	1	
	BL11XU	QST Quantum Dynamics I	1999.3	13										13	
	BL14B1	QST Quantum Dynamics II	1998.4	41	3	2	1		1					48	
	BL15XU	WEBRAM	2002.9	31	1	1	1		1					35	
	BL17SU	RIKEN Coherent Soft X-ray Spectroscopy	2005.9	7	1	7	6	11	12	5	2	3	5	5	64
	BL19LXU	RIKEN SR Physics	2002.9	5					1	1	2	5	6		20
	BL22XU	JAEA Actinide Science I	2004.9	5				1							6
	BL23SU	JAEA Actinide Science II	1998.6	44	2		2	3	2						53
	BL26B1	RIKEN Structural Genomics I	2009.4			3	8	2	9	6	14	15	19	5	81
	BL26B2	RIKEN Structural Genomics II	2009.4		1		5	3	5	7	10	8	9	4	52
		Technical Journal								1					1
	BL29XU	RIKEN Coherent X-ray Optics	2002.9	13					1				1		15
	BL32XU	RIKEN Targeted Proteins	2010.10			5	5	8	9	16	8	13	14	5	83
	BL44B2	RIKEN Materials Science	1998.5	14							6	3	1		24
BL45XU	RIKEN Structural Biology I	1997.10	76	8	9	6	7	9	13	20	10	5	4	167	
Subtotal			4913	701	807	740	999	973	1031	1076	988	847	207	13282	

Beamline Name		Public Use Since	~2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Total	
Contract Beamlines	BL03XU	Advanced Softmaterials	2009.11		1	5	8	24	21	14	17	20	9	6	125
		Technical Journal					35	42	39	36	33	30			215
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science	2009.11		1	5	6	10	13	12	19	18	15	5	104
		Technical Journal								1					1
	BL08B2	Hyogo Prefecture BM	2005.9		1	1	3	7	9	5	5	9	1	2	43
		Technical Journal					7	1	18	7	4	4	1	1	43
	BL11XU	QST Quantum Dynamics I		67	9	6	13	16	14	8	20	19	13	2	187
	BL12B2	NSRRC BM	2001.9	103	28	13	25	22	21	28	29	28	19	4	320
	BL12XU	NSRRC ID	2003.2	31	15	10	14	11	16	19	17	24	13	2	172
	BL14B1	QST Quantum Dynamics II		93	18	16	11	10	15	19	17	23	20	3	245
	BL15XU	WEBRAM	2001.4	113	35	51	41	61	57	48	60	56	39	10	571
	BL16B2	Sunbeam BM	1999.9	37	8	6	4	3	6	4	10	8	5		91
		Technical Journal		2			18	15	14	8	15	21	12	4	109
	BL16XU	Sunbeam ID	1999.9	32	6	2	2	2	3	4	11	8	9	2	81
		Technical Journal					20	19	14	14	21	18	12	4	122
	BL22XU	JAEA Actinide Science I		46	15	10	10	14	19	15	14	15	26	2	186
	BL23SU	JAEA Actinide Science II		138	15	22	20	17	28	19	25	16	21	8	329
	BL24XU	Hyogo Prefecture ID	1998.10	126	5	6	7	8	5	4	5	5	6		177
		Technical Journal					11	3	10	3	1	4			32
	BL28XU	RISING II	2012.4					3	9	5	5	5	2	3	32
	BL31LEP	Laser-Electron Photon II	2013.10						1		3	2			6
	BL32B2	Pharmaceutical Industry (2002.9 - 2012.3)		22	2	3				1					28
	BL33LEP	Laser-Electron Photon	2000.10	35	8	4	4	4	4	2	2	3	2		68
	BL33XU	Toyota	2009.5			3	5	2	8	4	10	16	6	2	56
		Technical Journal				2	5	4	5	3	4	1			24
	BL36XU	Catalytic Reaction Dynamics for Fuel Cell	2013.1					1	7	6	7	12	13	1	47
BL44XU	Macromolecular Assemblies	2000.2	174	21	49	59	59	50	64	52	58	36	10	632	
Subtotal			1017	188	212	232	274	306	281	328	345	255	62	3500	

RIKEN Beamlines	BL17SU	Coherent Soft X-ray Spectroscopy		51	12	10	14	3	8	5	8	5			116
	BL19LXU	SR Physics		70	7	9	11	12	13	9	5	6	1	1	144
	BL26B1	Structural Genomics I		136	15	7	8	7	4	5	4	4	1		191
	BL26B2	Structural Genomics II		51	19	18	19	13	4	3	7	10	2		146
	BL29XU	Coherent X-ray Optics		140	16	8	16	15	9	10	14	9	8		245
	BL32XU	Targeted Proteins				2	9	8	8	7	13	4	2		53
	BL43LXU	Quantum NanoDynamics						1		1	1				3
	BL44B2	Materials Science		192	9	13	11	14	14	17	16	11	3		300
	BL45XU	Structural Biology I		173	8	9	9	11	9	13	13	8	2		255
	Subtotal			813	86	76	97	84	69	70	81	57	19	1	1453

SACLA

Public Beamlines	Beamline Name		Public Use Since	~2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Total
	BL1	SXFEL	2016.3											7	1
BL2/BL3	XFEL2/XFEL1	2012.3				1	13	28	37	46	40	29	4		198

Hardware / Software R & D	411	39	37	56	67	12	33	43	52	30	4				784
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NET Sum Total	6117	885	961	928	1193	1095	1180	1259	1190	925	229				15962
Technical Journal	2		2	89	80	97	68	74	70	23	7				512

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 (<http://user.spring8.or.jp/?p=748&lang=ja>) に 2019 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 (2019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	1050	66	86	1202
	BL02B1	Single Crystal Structure Analysis	1997.10	397	14	31	442
	BL02B2	Powder Diffraction	1999.9	1150	41	83	1274
	BL04B1	High Temperature and High Pressure Research	1997.10	316	7	48	371
	BL04B2	High Energy X-ray Diffraction	1999.9	455	13	52	520
	BL08W	High Energy Inelastic Scattering	1997.10	262	10	47	319
	BL09XU	Nuclear Resonant Scattering	1997.10	248	15	33	296
	BL10XU	High Pressure Research	1997.10	513	22	61	596
	BL13XU	Surface and Interface Structure	2001.9	334	18	35	387
	BL14B2	Engineering Science Research II	2007.9	464	10	33	507
	BL19B2	Engineering Science Research I	2001.11	612	45	90	747
	BL20B2	Medical and Imaging I	1999.9	414	88	87	589
	BL20XU	Medical and Imaging II	2001.9	407	104	121	632
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	475	15	61	551
	BL27SU	Soft X-ray Photochemistry	1998.5	519	21	36	576
	BL28B2	White Beam X-ray Diffraction	1999.9	245	16	22	283
	BL35XU	High Resolution Inelastic Scattering	2001.9	184	5	12	201
	BL37XU	Trace Element Analysis	2002.11	307	24	45	376
	BL38B1	Structural Biology III	2000.10	742	11	64	817
	BL39XU	Magnetic Materials	1997.10	352	17	78	447
	BL40B2	Structural Biology II	1999.9	782	13	115	910
	BL40XU	High Flux	2000.4	313	20	69	402
	BL41XU	Structural Biology I	1997.10	1058	4	97	1159
	BL43IR	Infrared Materials Science	2000.4	177	14	59	250
	BL46XU	Engineering Science Research III	2000.11	389	18	35	442
	BL47XU	HXPES・MCT	1997.10	475	93	122	690
Public Use at Other Beamlines	BL05XU	RIKEN Diagnosis Beamline I	2017.4	1			1
	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	64	1	29	94
	BL19LXU	RIKEN SR Physics	2002.9	20		3	23
	BL22XU	JAEA Actinide Science I	2004.9	6			6
	BL23SU	JAEA Actinide Science II	1998.6	53	4	15	72
	BL26B1	RIKEN Structural Genomics I	2009.4	81		8	89
	BL26B2	RIKEN Structural Genomics II	2009.4	53		10	63
	BL29XU	RIKEN Coherent X-ray Optics	2002.9	15		1	16
	BL32XU	RIKEN Targeted Proteins	2010.10	83		3	86
	BL44B2	RIKEN Materials Science	1998.5	24		3	27
	BL45XU	RIKEN Structural Biology I	1997.10	167	5	19	191
Subtotal			13303	756	1733	15792	

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Contract Beamlines	BL03XU	Advanced Softmaterials	2009.11	340		13	353
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science	2009.11	105		9	114
	BL08B2	Hyogo Prefecture BM	2005.9	86			86
	BL11XU	QST Quantum Dynamics I		187	8	36	231
	BL12B2	NSRRC BM	2001.9	320	1	2	323
	BL12XU	NSRRC ID	2003.2	172	7	4	183
	BL14B1	QST Quantum Dynamics II		245	12	69	326
	BL15XU	WEBRAM	2001.4	571	11	46	628
	BL16B2	Sunbeam BM	1999.9	200	12	70	282
	BL16XU	Sunbeam ID	1999.9	203	8	54	265
	BL22XU	JAEA Actinide Science I		186	4	42	232
	BL23SU	JAEA Actinide Science II		329	44	108	481
	BL24XU	Hyogo Prefecture ID	1998.10	209	19	61	289
	BL28XU	RISING II	2012.4	32			32
	BL31LEP	Laser-Electron Photon II	2013.10	6			6
	BL32B2	Pharmaceutical Industry (2002.9 - 2012.3)		28		3	31
	BL33LEP	Laser-Electron Photon	2000.10	68	23	3	94
	BL33XU	Toyota	2009.5	80	5	26	111
	BL36XU	Catalytic Reaction Dynamics for Fuel Cell	2013.1	47		3	50
	BL44XU	Macromolecular Assemblies	2000.2	632		42	674
Subtotal			4046	154	591	4791	
RIKEN Beamlines	BL17SU	Coherent Soft X-ray Spectroscopy		116	4	13	133
	BL19LXU	SR Physics		144	8	27	179
	BL26B1	Structural Genomics I		191	2	19	212
	BL26B2	Structural Genomics II		146	1	13	160
	BL29XU	Coherent X-ray Optics		245	14	37	296
	BL32XU	Targeted Proteins		53		3	56
	BL43LXU	Quantum NanoDynamics		3			3
	BL44B2	Materials Science		300	2	16	318
	BL45XU	Structural Biology I		255	5	45	305
	Subtotal			1453	36	173	1662

SACLA

Public Beamlines	Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total
	BL1	SXFEL	2016.3	8			8
	BL2/BL3	XFEL2/XFEL1	2012.3	198	4	14	216

Hardware / Software R & D	784	514	464	1762
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NET Sum Total	16474	1310	2293	20077
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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、上記の二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。