

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12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	87	93	76	64	1117
		Technical Journal				1								1	
	BL02B1	Single Crystal Structure Analysis	1997.10	121	19	12	18	36	42	36	43	38	28	37	430
	BL02B2	Powder Diffraction	1999.9	438	67	82	59	96	71	82	95	79	72	66	1207
	BL04B1	High Temperature and High Pressure Research	1997.10	153	21	22	16	20	19	16	16	15	16	16	330
	BL04B2	High Energy X-ray Diffraction	1999.9	166	28	23	28	28	33	37	43	30	40	36	492
		Technical Journal					1								1
	BL08W	High Energy Inelastic Scattering	1997.10	116	12	20	19	15	13	19	15	16	14	11	270
	BL09XU	Nuclear Resonant Scattering	1997.10	101	9	13	13	15	15	18	16	19	28	13	260
	BL10XU	High Pressure Research	1997.10	260	35	32	28	21	30	29	30	28	22	22	537
	BL13XU	Surface and Interface Structure	2001.9	121	18	27	6	16	21	24	36	27	31	28	355
	BL14B2	Engineering Science Research II	2007.9	18	25	32	36	53	53	61	53	58	65	67	521
		Technical Journal				1	1	1							4
	BL19B2	Engineering Science Research I	2001.11	125	18	35	53	59	63	65	64	66	57	53	658
		Technical Journal				1	1	1	2				2	1	8
	BL20B2	Medical and Imaging I	1999.9	165	17	24	35	28	25	35	26	28	29	23	435
	BL20XU	Medical and Imaging II	2001.9	101	36	27	21	40	44	43	37	32	29	39	449
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	261	21	25	22	24	31	20	19	25	20	20	488
		Technical Journal				2									2
	BL27SU	Soft X-ray Photochemistry	1998.5	258	24	31	18	41	35	25	36	27	23	15	533
	BL28B2	White Beam X-ray Diffraction	1999.9	86	9	15	10	21	18	21	19	25	17	11	252
	BL35XU	High Resolution Inelastic Scattering	2001.9	66	9	12	8	14	13	16	15	15	14	7	189
	BL37XU	Trace Element Analysis	2002.11	74	22	23	13	32	28	35	29	29	27	18	330
		Technical Journal							1						1
	BL38B1	Structural Biology III	2000.10	281	48	48	60	59	48	65	60	38	30	27	764
	BL39XU	Magnetic Materials	1997.10	158	15	19	21	20	25	19	24	30	20	20	371
	BL40B2	Structural Biology II	1999.9	292	44	42	43	70	54	55	59	54	54	63	830
		Technical Journal					1		1						2
	BL40XU	High Flux	2000.4	78	11	13	18	37	21	32	42	30	34	39	355
	BL41XU	Structural Biology I	1997.10	524	66	66	53	65	55	60	67	56	48	35	1095
BL43IR	Infrared Materials Science	2000.4	63	6	8	11	10	11	17	15	23	10	17	191	
BL46XU	Engineering Science Research III	2000.11	80	20	22	15	38	28	56	51	49	45	44	448	
	Technical Journal								1	1				2	
BL47XU	HXPES・MCT	1997.10	200	27	31	17	36	36	31	29	37	28	24	496	
	Technical Journal										1			1	
Public Use at Other Beamlines	BL05XU	RIKEN Diagnosis Beamline I	2017.4										3	4	7
	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	7	66
	BL19LXU	RIKEN SR Physics	2002.9	5					1	1	2	5	6	2	22
	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	15	15	21	26	105
	BL26B2	RIKEN Structural Genomics II	2009.4		1		5	3	5	7	11	8	9	8	57
		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	15	15	6	87
	BL44B2	RIKEN Materials Science	1998.5	14							6	5	2	4	31
BL45XU	RIKEN Structural Biology I	1997.10	76	8	9	6	7	9	13	20	10	5	14	177	
Subtotal				4912	701	807	740	1003	974	1041	1092	1030	946	886	14132

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	21	9	16	136
		Technical Journal					35	42	39	36	33	31	28		244
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science	2009.11		1	5	6	10	13	12	19	19	15	21	121
	BL08B2	Hyogo Prefecture BM	2005.9		1	1	3	7	9	5	5	9	2	5	47
		Technical Journal					7	1	18	7	4	4	1	1	43
	BL11XU	QST Quantum Dynamics I		67	9	6	13	16	14	8	20	20	13	15	201
	BL12B2	NSRRC BM	2001.9	103	28	13	25	22	21	29	37	33	35	27	373
	BL12XU	NSRRC ID	2003.2	31	15	10	14	11	18	19	18	25	19	17	197
	BL14B1	QST Quantum Dynamics II		93	18	16	11	10	15	19	17	23	20	18	260
	BL15XU	WEBRAM	2001.4	113	35	51	41	61	57	48	63	57	49	37	612
	BL16B2	Sunbeam BM	1999.9	37	8	6	4	3	6	4	10	9	6	10	103
		Technical Journal		2			18	15	14	8	15	21	15	9	117
	BL16XU	Sunbeam ID	1999.9	32	6	2	2	2	3	4	11	9	9	16	96
		Technical Journal					20	19	14	14	21	18	12	8	126
	BL22XU	JAEA Actinide Science I		46	15	10	10	14	19	15	14	15	25	18	201
	BL23SU	JAEA Actinide Science II		138	15	22	20	17	28	19	26	16	23	22	346
	BL24XU	Hyogo Prefecture ID	1998.10	126	5	6	7	8	5	4	5	6	7	2	181
		Technical Journal					11	3	10	3	1	4			32
	BL28XU	RISING II	2012.4					3	9	5	5	5	4	7	38
	BL31LEP	Laser-Electron Photon II	2013.10						1		3	2		1	7
	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	9	63
		Technical Journal				2	5	4	5	3	4	1			24
	BL36XU	Catalytic Reaction Dynamics for Fuel Cell	2013.1					1	7	6	7	12	14	7	54
	BL44XU	Macromolecular Assemblies	2000.2	174	21	49	59	59	50	64	54	61	45	41	677
Subtotal			1017	188	212	232	274	308	282	343	361	303	289	3809	
RIKEN Beamlines	BL17SU	Coherent Soft X-ray Spectroscopy		51	12	10	14	3	8	5	8	5		1	117
	BL19LXU	SR Physics		70	7	9	11	12	13	9	5	6	1	2	145
	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	2	148
	BL29XU	Coherent X-ray Optics		140	16	8	16	15	9	10	14	9	8	3	248
	BL32XU	Targeted Proteins				2	9	8	8	7	13	4	3	1	55
	BL43LXU	Quantum NanoDynamics						1		1	1				3
	BL44B2	Materials Science		192	10	13	13	19	16	20	16	18	14	4	335
	BL45XU	Structural Biology I		173	8	9	9	11	9	13	13	8	2		255
	Subtotal			813	87	76	99	89	71	73	81	64	31	13	1497

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	3
BL2/BL3	XFEL2/XFEL1	2012.3				1	13	28	37	47	42	33	40		241
Hardware / Software R & D				412	39	37	56	67	13	33	45	53	44	21	820
NET Sum Total				6117	886	961	930	1202	1101	1193	1283	1249	1073	1001	16996
Technical Journal				2		2	89	80	97	67	74	71	54	16	552

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 12 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12月31日現在)

SPring-8

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Public Beamlines	BL01B1	XAFS	1997.10	1118	66	88	1272
	BL02B1	Single Crystal Structure Analysis	1997.10	430	14	31	475
	BL02B2	Powder Diffraction	1999.9	1207	41	83	1331
	BL04B1	High Temperature and High Pressure Research	1997.10	330	7	48	385
	BL04B2	High Energy X-ray Diffraction	1999.9	493	13	55	561
	BL08W	High Energy Inelastic Scattering	1997.10	270	10	48	328
	BL09XU	Nuclear Resonant Scattering	1997.10	260	15	34	309
	BL10XU	High Pressure Research	1997.10	537	22	61	620
	BL13XU	Surface and Interface Structure	2001.9	355	19	36	410
	BL14B2	Engineering Science Research II	2007.9	525	11	36	572
	BL19B2	Engineering Science Research I	2001.11	666	47	90	803
	BL20B2	Medical and Imaging I	1999.9	435	88	88	611
	BL20XU	Medical and Imaging II	2001.9	449	106	121	676
	BL25SU	Soft X-ray Spectroscopy of Solid	1998.4	490	15	61	566
	BL27SU	Soft X-ray Photochemistry	1998.5	533	21	38	592
	BL28B2	White Beam X-ray Diffraction	1999.9	252	16	23	291
	BL35XU	High Resolution Inelastic Scattering	2001.9	189	5	13	207
	BL37XU	Trace Element Analysis	2002.11	331	24	45	400
	BL38B1	Structural Biology III	2000.10	764	11	64	839
	BL39XU	Magnetic Materials	1997.10	371	17	79	467
	BL40B2	Structural Biology II	1999.9	832	15	117	964
	BL40XU	High Flux	2000.4	355	24	69	448
	BL41XU	Structural Biology I	1997.10	1095	4	97	1196
	BL43IR	Infrared Materials Science	2000.4	191	15	60	266
	BL46XU	Engineering Science Research III	2000.11	450	20	35	505
	BL47XU	HXPES・MCT	1997.10	497	93	124	714
Public Use at Other Beamlines	BL05XU	RIKEN Diagnosis Beamline I	2017.4	7			7
	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	66	1	29	96
	BL19LXU	RIKEN SR Physics	2002.9	22		3	25
	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	105		8	113
	BL26B2	RIKEN Structural Genomics II	2009.4	58		10	68
	BL29XU	RIKEN Coherent X-ray Optics	2002.9	22		1	23
	BL32XU	RIKEN Targeted Proteins	2010.10	87		4	91
	BL44B2	RIKEN Materials Science	1998.5	31		3	34
	BL45XU	RIKEN Structural Biology I	1997.10	177	5	19	201
Subtotal			14155	771	1756	16682	

Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total	
Contract Beamlines	BL03XU	Advanced Softmaterials	2009.11	380		14	394
	BL07LSU	The University-of-Tokyo Outstation Beamline for Materials Science	2009.11	121		11	132
	BL08B2	Hyogo Prefecture BM	2005.9	90			90
	BL11XU	QST Quantum Dynamics I		201	8	37	246
	BL12B2	NSRRC BM	2001.9	373	1	2	376
	BL12XU	NSRRC ID	2003.2	197	7	5	209
	BL14B1	QST Quantum Dynamics II		260	12	69	341
	BL15XU	WEBRAM	2001.4	612	14	53	679
	BL16B2	Sunbeam BM	1999.9	220	12	69	301
	BL16XU	Sunbeam ID	1999.9	222	8	53	283
	BL22XU	JAEA Actinide Science I		201	4	42	247
	BL23SU	JAEA Actinide Science II		346	44	108	498
	BL24XU	Hyogo Prefecture ID	1998.10	213	19	61	293
	BL28XU	RISING II	2012.4	38			38
	BL31LEP	Laser-Electron Photon II	2013.10	7			7
	BL32B2	Pharmaceutical Industry (2002.9 - 2012.3)		28		3	31
	BL33LEP	Laser-Electron Photon	2000.10	68	23	3	94
	BL33XU	Toyota	2009.5	87	5	26	118
	BL36XU	Catalytic Reaction Dynamics for Fuel Cell	2013.1	54		3	57
	BL44XU	Macromolecular Assemblies	2000.2	677		43	720
Subtotal			4395	157	602	5154	
RIKEN Beamlines	BL17SU	Coherent Soft X-ray Spectroscopy		117	4	13	134
	BL19LXU	SR Physics		145	8	27	180
	BL26B1	Structural Genomics I		191	2	19	212
	BL26B2	Structural Genomics II		148	1	13	162
	BL29XU	Coherent X-ray Optics		248	14	37	299
	BL32XU	Targeted Proteins		55		3	58
	BL43LXU	Quantum NanoDynamics		3			3
	BL44B2	Materials Science		335	2	16	353
	BL45XU	Structural Biology I		255	5	45	305
	Subtotal			1497	36	173	1706

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Public Beamlines	Beamline Name		Public Use Since	Refereed Papers	Proceedings	Other Publications	Total
	BL1	SXFEL	2016.3	10			10
	BL2/BL3	XFEL2/XFEL1	2012.3	241	4	14	259

Hardware / Software R & D	820	554	463	1837
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NET Sum Total	17548	1362	2321	21231
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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。