Siegfried Schreiber

List of Publications by Year
in descending order

147 papers	7,138 citations	76031 42 h-index	68831 81 g-index
148 all docs	148 docs citations	148 times ranked	6026 citing authors

#	Article	IF	Citations
1	Recovery time of a plasma-wakefield accelerator. Nature, 2022, 603, 58-62.	13.7	17
2	FLASH2020+: The New High Repetition Rate Coherent Soft X-Ray Facility. , 2021, , .		0
3	Experimental demonstration of novel beam characterization using a polarizable X-band transverse deflection structure. Scientific Reports, 2021, 11, 3560.	1.6	9
4	Flexible and Coherent Soft X-ray Pulses at High Repetition Rate: Current Research and Perspectives. Applied Sciences (Switzerland), 2021, 11, 9729.	1.3	6
5	Novel <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>X</mml:mi></mml:math> -band transverse deflection structure with variable polarization. Physical Review Accelerators and Beams, 2020, 23, .	0.6	15
6	THz pulse doubler at FLASH: double pulses for pumpâ€“probe experiments at X-ray FELs. Journal of Synchrotron Radiation, 2018, 25, 39-43.	1.0	14
7	Experimental study of EUV mirror radiation damage resistance under long-term free-electron laser exposures below the single-shot damage threshold. Journal of Synchrotron Radiation, 2018, 25, 77-84.	1.0	16
8	Mechanism of single-shot damage of Ru thin films irradiated by femtosecond extreme UV free-electron laser. Optics Express, 2018, 26, 19665.	1.7	20
9	Damage accumulation in thin ruthenium films induced by repetitive exposure to femtosecond XUV pulses below the single-shot ablation threshold. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 2799.	0.9	6
10	Precision feedback control of a normal conducting standing wave resonator cavity. Physical Review Accelerators and Beams, 2018, 21, .	0.6	1
11	The FLASH Facility: Advanced Options for FLASH2 and Future Perspectives. Applied Sciences (Switzerland), 2017, 7, 1114.	1.3	42
12	Fast Intra Bunch Train Charge Feedback for FELs Based on Photo Injector Laser Pulse Modulation. IEEE Transactions on Nuclear Science, 2017, 64, 2904-2910.	1.2	4
13	Experience with Multi-Beam and Multi-Beamline FEL-Operation. Journal of Physics: Conference Series, 2017, 874, 012023.	0.3	5
14	First operation of a harmonic lasing self-seeded free electron laser. Physical Review Accelerators and Beams, 2017, 20, .	0.6	37
15	Free-electron laser multiplex driven by a superconducting linear accelerator. Journal of Synchrotron Radiation, 2016, 23, 1070-1075.	1.0	9
16	Production of quasi ellipsoidal laser pulses for next generation high brightness photoinjectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 829, 438-441.	0.7	5
17	Fast intra bunch train charge feedback for FELs based on photo injector laser pulse modulation. , 2016, , .		0
18	Simultaneous operation of two soft x-ray free-electron lasers driven by one linear accelerator. New Journal of Physics, 2016, 18, 062002.	1.2	89

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19	The FLASHForward facility at DESY. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 806, 175-183.	0.7	49
20	The free-electron laser FLASH. High Power Laser Science and Engineering, 2015, 3, .	2.0	37
21	Development of experimental techniques for the characterization of ultrashort photon pulses of extreme ultraviolet free-electron lasers. Physical Review Special Topics: Accelerators and Beams, 2014, 17, .	1.8	55
22	First Lasing of FLASH2 at DESY. Synchrotron Radiation News, 2014, 27, 37-37.	0.2	3
23	x-Ray Free-Electron Lasers. , 2014, , 127-151.		1
24	Generation of Coherent 19- and 38-nm Radiation at a Free-Electron Laser Directly Seeded at 38Ânm. Physical Review Letters, 2013, 111, 114801.	2.9	86
25	Experimentally minimized beam emittance from an<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>L</mml:mi></mml:math>-band photoinjector. Physical Review Special Topics: Accelerators and Beams, 2012, 15, .	1.8	76
26	Optimizations of transverse projected emittance at the photo-injector test facility at DESY, location Zeuthen. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 671, 62-75.	0.7	14
27	Photoinjector drive laser of the FLASH FEL. Optics Express, 2011, 19, 23770.	1.7	50
28	Flash II: Perspectives and challenges. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 635, S2-S5.	0.7	36
29	A new XUV-source for seeding a FEL at high repetition rates. Proceedings of SPIE, 2011, , .	0.8	0
30	Soft and Hard X-ray SASE Free Electron Lasers. , 2011, , 93-120.		0
31	Detailed characterization of electron sources yielding first demonstration of European X-ray Free-Electron Laser beam quality. Physical Review Special Topics: Accelerators and Beams, 2010, 13, .	1.8	77
32	Soft and Hard X-ray SASE Free Electron Lasers. Reviews of Accelerator Science and Technology, 2010, 03, 93-120.	0.5	4
33	Resonant magnetic scattering with soft x-ray pulses from a free-electron laser operating at 1.59 nm. Physical Review B, 2009, 79, .	1.1	34
34	Coherent-Pulse 2D Crystallography Using a Free-Electron Laser X-Ray Source. Physical Review Letters, 2009, 102, 035502.	2.9	47
35	The soft x-ray free-electron laser FLASH at DESY: beamlines, diagnostics and end-stations. New Journal of Physics, 2009, 11, 023029.	1.2	331
36	Digital In-line Holography with femtosecond VUV radiation provided by the free-electron laser FLASH. Optics Express, 2009, 17, 8220.	1.7	30

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37	A two-dimensional laser-wire scanner for electron accelerators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 592, 162-170.	0.7	7
38	Beam profile measurements with the 2-D laser-wire at petra. , 2007, , .		2
39	High QE photocathodes performance during operation at FLASH / PITZ photoinjectors. , 2007, , .		2
40	Operation of a free-electron laser from the extreme ultraviolet to the water window. Nature Photonics, 2007, 1, 336-342.	15.6	1,455
41	Experimental characterization and numerical simulations of the electron source at PITZ. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 558, 249-252.	0.7	5
42	First operation of a free-electron laser generating GW power radiation at 32Ânm wavelength. European Physical Journal D, 2006, 37, 297-303.	0.6	301
43	Measurements of the transverse emittance at the FLASH injector at DESY. Physical Review Special Topics: Accelerators and Beams, 2006, 9, .	1.8	25
44	Transverse and longitudinal beam dynamics studies at the Fermilab photoinjector. Physical Review Special Topics: Accelerators and Beams, 2005, 8, .	1.8	15
45	Test of two Nb superstructure prototypes. Physical Review Special Topics: Accelerators and Beams, 2004, 7, .	1.8	4
46	Characterization of the electron source at the photo injector test facility at DESY Zeuthen. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 528, 360-365.	0.7	9
47	Two-color FEL amplifier for femtosecond-resolution pump-probe experiments with GW-scale X-ray and optical pulses. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 528, 453-457.	0.7	2
48	THE PHOTON COLLIDER AT TESLA. International Journal of Modern Physics A, 2004, 19, 5097-5186.	0.5	120
49	Characterization of the electron source at the photo injector test facility at DESY Zeuthen. , 2004, , 360-365.		0
50	Bunch length and phase stability measurements at the TESLA test facility. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 507, 335-339.	0.7	2
51	VUV FEL driven RF gun. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 507, 350-353.	0.7	3
52	Study of the statistical properties of the radiation from a VUV SASE FEL operating in the femtosecond regime. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 507, 368-372.	0.7	29
53	Scheme for time-resolved experiments based on the use of statistical properties of the third harmonic of the SASE FEL radiation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 507, 431-434.	0.7	3
54	First beam measurements at the photo injector test facility at DESY Zeuthen. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 507, 210-214.	0.7	7

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55	Luminosity Expectations for Electron-Electron Collisions at TESLA. International Journal of Modern Physics A, 2003, 18, 2827-2833.	0.5	1
56	VUV FEL driven RF gun. , 2003, , 350-353.		0
57	Study of the statistical properties of the radiation from a VUV SASE FEL operating in the femtosecond regime. , 2003, , 368-372.		0
58	Bunch length and phase stability measurements at the TESLA test facility. , 2003, , 335-339.		0
59	Generation of GW Radiation Pulses from a VUV Free-Electron Laser Operating in the Femtosecond Regime. Physical Review Letters, 2002, 88, 104802.	2.9	313
60	Generation of high power femtosecond pulses by a sideband-seeded X-ray FEL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 483, 62-69.	0.7	2
61	Development of a femtosecond soft X-ray SASE FEL at DESY. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 483, 75-79.	0.7	7
62	Study of the frequency multiplication process in a multistage HGHG FEL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 483, 80-88.	0.7	14
63	Alignment of the optical feedback system of VUV regenerative FEL amplifier at the TESLA test facility at DESY. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 483, 412-417.	0.7	9
64	A new powerful source for coherent VUV radiation: Demonstration of exponential growth and saturation at the TTF free-electron laser. European Physical Journal D, 2002, 20, 149-156.	0.6	103
65	First operation of cesium telluride photocathodes in the TTF injector RF gun. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 445, 422-426.	0.7	51
66	Running experience with the laser system for the RF gun based injector at the TESLA Test Facility linac. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 445, 427-431.	0.7	19
67	First Observation of Self-Amplified Spontaneous Emission in a Free-Electron Laser at 109 nm Wavelength. Physical Review Letters, 2000, 85, 3825-3829.	2.9	344
68	Measurement of the B0 and B+ lifetimes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 307, 247-261.	1.5	24
69	A study of the electric charge distributions of quark and gluon jets in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 302, 523-532.	1.5	5
70	A measurement of (892)Â± production in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 305, 407-414.	1.5	25
71	Evidence for chain-like production of strange baryon pairs in jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 305, 415-427.	1.5	42
72	A study of K0SK0S Bose-Einstein correlations in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 298, 456-468.	1.5	18

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73	Measurement of $$Gamma ({m Z}^0 o bar b)/Gamma ({m Z}^0 o hadrons)$$ using leptons. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1993, 58, 523-539.	1.5	37
74	A determination of? s($$M_{Z^0 } $$) at LEP using resummed QCD calculations. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1993, 59, 1-19.	1.5	62
75	A study of differences between quark and gluon jets using vertex tagging of quark jets. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1993, 58, 387-403.	1.5	74
76	Studies of strong and electroweak interactions using final state photon emission in hadronicZ 0 decays. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1993, 58, 405-418.	1.5	12
77	QCD coherence studies using two particle azimuthal correlations. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1993, 58, 207-217.	1.5	6
78	Precision measurements of the neutral current from hadron and lepton production at LEP. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1993, 58, 219-237.	1.5	15
79	Measurement of the Ï„ lifetime. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1993, 59, 183-194.	1.5	17
80	Properties of multihadronic events with a final state photon at $$sqrt s = M_{Z^0 } $$. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1992, 54, 193-209.	1.5	18
81	Performance of the OPAL jet chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 323, 169-177.	0.7	68
82	The laser system for calibration and monitoring of the OPAL jet chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 320, 183-200.	0.7	5
83	A measurement of strange baryon production in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 291, 503-518.	1.5	47
84	A measurement of the forward-backward charge asymmetry in hadronic decays of the Z0. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 294, 436-450.	1.5	22
85	A search for doubly charged Higgs production in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 295, 347-356.	1.5	22
86	Inclusive neutral vector meson production in hadronicZ 0 decays. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1992, 56, 521-535.	1.5	38
87	A measurement of electron production in hadronicZ 0 decays and a determination of $$Gamma (Z^0) Tj ETQq1 1 0.784314 rgBT /Ove	1.5	17
88	A global determination of $$alpha _s (M_{Z^0 })$$ at LEP. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1992, 55, 1-24.	1.5	61
89	A study of charged particle multiplicities in hadronic decays of theZ 0. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1992, 53, 539-554.	1.5	87
90	Measurement of B0î—¸0 mixing in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 276, 379-392.	1.5	22

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91	Search for free gluons in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 278, 485-494.	1.5	3
92	A test of higher order electroweak theory in Z0 decays to two leptons with an associated pair of charged particles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 287, 389-400.	1.5	7
93	A study of two-particle momentum correlations in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 287, 401-412.	1.5	21
94	Evidence for b-flavoured baryon production in Z0 decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 281, 394-404.	1.5	43
95	Test of CP-invariance in e+eâ^'â†'Z0â†'Ï„+Ï„â^' and a limit on the weak dipole moment of the Ï„ lepton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 281, 405-415.	1.5	49
96	An improved measuremebts of Î±S (MZ0) using energy correlations with the OPAL detector at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 276, 547-564.	1.5	28
97	Measurement of the average B hadron lifetime in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 274, 513-525.	1.5	12
98	Measurement of the Ï„ topological branching ratios at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 288, 373-385.	1.5	13
99	Evidence for the existence of the strange b-flavoured meson Bs0 in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 295, 357-370.	1.5	40
100	A study of the recombination scheme dependence of jet production rates and of ? s ($$M_{Z^0 } $$) in hadronicZ 0 decays. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1991, 49, 375-384.	1.5	67
101	A direct measurement of theZ 0 invisible width by single photon counting. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1991, 50, 373-384.	1.5	17
102	Measurement of theZ 0 line shape parameters and the electroweak couplings of charged leptons. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1991, 52, 175-207.	1.5	32
103	Measurement of three-jet distributions sensitive to the gluon spin ine + e â^' annihilations at $$sqrt s = 91$$ GeV. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1991, 52, 543-550.	1.5	4
104	Searches for neutral Higgs bosons ine + e â^' collisions at LEP. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1991, 49, 1-15.	1.5	26
105	A study of angular correlations in 4-jet final states of hadronicZ 0 decays. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1991, 49, 49-57.	1.5	22
106	A model independent observation of the string effect using quark tagging at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 261, 334-346.	1.5	42
107	A study of Ks0 production in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 264, 467-475.	1.5	43
108	A search for lepton flavour violation in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 254, 293-302.	1.5	16

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109	A study of Bose-Einstein correlations in e+eâ^' annihilations at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 267, 143-153.	1.5	59
110	A study of heavy flavour production using muons in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 263, 311-324.	1.5	50
111	A measurement of the electroweak couplings of up and down type quarks using final state photons in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 264, 219-232.	1.5	28
112	Measurement of branching ratios and Ï„ polarization from Ï„â†'eÎ½Î½â^',Ï„â†'Î¼Î½Î½â^',andÏ„â†'Ï€(K)Î½ decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 266, 201-217.	1.5	72
113	Decay mode independent search for a light Higgs boson and new scalars. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 268, 122-136.	1.5	34
114	Observation of J/Î¨ production in multihadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 266, 485-496.	1.5	19
115	A study of in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 262, 341-350.	1.5	31
116	Intermittency in hadronic decays of the Z0. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 262, 351-361.	1.5	33
117	A measurement of photon radiation in lepton pair events from Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 273, 338-354.	1.5	22
118	Measurement of the tau lepton lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 273, 355-366.	1.5	21
119	A search for scalar leptoquarks in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 263, 123-134.	1.5	46
120	Search for the minimal standard model Higgs boson in e+eâ^' collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 253, 511-523.	1.5	94
121	Measurement of the cross sections of the reactions e+eâ^' â†' Î³Î³ and e+eâ^' â†' Î³Î³Î³ at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 257, 531-540.	1.5	61
122	A measurement of global event shape distributions in the hadronic decays of theZ 0. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1990, 47, 505-521.	1.5	149
123	A direct search for neutralino production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 248, 211-219.	1.5	30
124	Limits on a light Higgs boson in e+eâ^' collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 251, 211-222.	1.5	25
125	Search for excited leptons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 244, 135-142.	1.5	25
126	A direct search for new charged heavy leptons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 240, 250-260.	1.5	32

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127	A search for acoplanar pairs of leptons or jets in Z0 decays. Mass limits on supersymmetric particles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 240, 261-270.	1.5	78
128	Mass limits for a standard model Higgs Boson in e+eâ^' collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 236, 224-232.	1.5	73
129	Search for pair produced stable singly charged heavy particles in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 252, 290-300.	1.5	15
130	Limits on neutral heavy lepton production from Z0 decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 247, 448-457.	1.5	45
131	Analysis of Z0 couplings to charged leptons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 247, 458-472.	1.5	25
132	A search for the top and bâ€² quarks in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 236, 364-374.	1.5	51
133	A measurement of energy correlations and a determination of Î±s(M2Z0) e+e- annihilations at âˆšs=91 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 252, 159-169.	1.5	39
134	A combined analysis of the hadronic and leptonic decays of the Z0. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 240, 497-512.	1.5	70
135	Evidence for final state photons in multihadronic decays of the Z0. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 246, 285-296.	1.5	42
136	A search for technipions and charged Higgs bosons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 242, 299-308.	1.5	53
137	A study of the reaction e+eâ^'â†'Î³Î³ at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 133-140.	1.5	17
138	A study of coherence of soft gluons in hadron jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 247, 617-628.	1.5	126
139	Measurements of the decay of the Z0 into lepton pairs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 235, 379-388.	1.5	39
140	A study of jet production rates and a test of QCD on the Z0 resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 235, 389-398.	1.5	92
141	Measurement of the Z0 mass and width with the opal detector at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 231, 530-538.	1.5	211
142	The OPAL jet chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 283, 492-501.	0.7	15
143	Dark Current and Multipacting in the Photocathode RF Guns at PITZ. , 0, , .		4
144	Emission Mechanisms in a Photocathode RF Gun. , 0, , .		0

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145	Review of the Production Process of TTF and PITZ Photocathodes. , 0, , .		2
146	Recent Developments at PITZ. , 0, , .		1
147	Beam Profile Measurements and Simulations of the Petra Laser-Wire. , 0, , .		1