

# Bernd Schmitt

## List of Publications by Year in descending order

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260  
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all docs

260  
docs citations

260  
times ranked

14311  
citing authors

#	ARTICLE	IF	CITATIONS
1	Segmented flow generator for serial crystallography at the European X-ray free electron laser. Nature Communications, 2020, 11, 4511.	12.8	27
2	Discrimination of Aluminum from Silicon by Electron Crystallography with the JUNGFRÄU Detector. Crystals, 2020, 10, 1148.	2.2	8
3	XFEL detectors. Nature Reviews Physics, 2020, 2, 335-336.	26.6	9
4	JUNGFRÄU detector for brighter x-ray sources: Solutions for IT and data science challenges in macromolecular crystallography. Structural Dynamics, 2020, 7, 014305.	2.3	25
5	X-ray fluorescence detection for serial macromolecular crystallography using a JUNGFRÄU pixel detector. Journal of Synchrotron Radiation, 2020, 27, 329-339.	2.4	3
6	Advances in long-wavelength native phasing at X-ray free-electron lasers. IUCr, 2020, 7, 965-975.	2.2	25
7	Megapixels @ Megahertz – The ACIPD high-speed cameras for the European XFEL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 942, 162324.	1.6	30
8	Characterization of GaAs:Cr sensors using the charge-integrating JUNGFRÄU readout chip. Journal of Instrumentation, 2019, 14, P05020-P05020.	1.2	14
9	Towards MYTHEN 3: Characterization of prototype chips. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 383-385.	1.6	6
10	KALYPSO: Linear array detector for high-repetition rate and real-time beam diagnostics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 10-13.	1.6	14
11	The Adaptive Gain Integrating Pixel Detector at the European XFEL. Journal of Synchrotron Radiation, 2019, 26, 74-82.	2.4	79
12	Development of low-energy X-ray detectors using LGAD sensors. Journal of Synchrotron Radiation, 2019, 26, 1226-1237.	2.4	21
13	First full dynamic range calibration of the JUNGFRÄU photon detector. Journal of Instrumentation, 2018, 13, C01027-C01027.	1.2	27
14	Towards Gotthard-II: development of a silicon microstrip detector for the European X-ray Free-Electron Laser. Journal of Instrumentation, 2018, 13, P01025-P01025.	1.2	11
15	Operation and performance of the JUNGFRÄU photon detector during first FEL and synchrotron experiments. Journal of Instrumentation, 2018, 13, C11006-C11006.	1.2	11
16	Megahertz serial crystallography. Nature Communications, 2018, 9, 4025.	12.8	147
17	Fast and accurate data collection for macromolecular crystallography using the JUNGFRÄU detector. Nature Methods, 2018, 15, 799-804.	19.0	56
18	Photon counting microstrip X-ray detectors with GaAs sensors. Journal of Instrumentation, 2018, 13, C01046-C01046.	1.2	4

#	ARTICLE	IF	CITATIONS
19	Electron crystallography with the EIGER detector. IUCrJ, 2018, 5, 190-199.	2.2	33
20	Measurements with MÃ–NCH, a 25 $\hat{1}$ / <sub>4</sub> m pixel pitch hybrid pixel detector. Journal of Instrumentation, 2017, 12, C01071-C01071.	1.2	41
21	AGIPD: a multi megapixel, multi megahertz X-ray camera for the European XFEL. Proceedings of SPIE, 2017, , .	0.8	4
22	The EIGER detector for low-energy electron microscopy and photoemission electron microscopy. Journal of Synchrotron Radiation, 2017, 24, 963-974.	2.4	17
23	Towards a stand-alone high-throughput EUV actinic photomask inspection tool: RESCAN. , 2017, , .		4
24	Performance evaluation of the analogue front-end and ADC prototypes for the Gotthard-II development. Journal of Instrumentation, 2017, 12, C12052-C12052.	1.2	4
25	SwissFEL: The Swiss X-ray Free Electron Laser. Applied Sciences (Switzerland), 2017, 7, 720.	2.5	272
26	Single shot x-ray phase contrast imaging using a direct conversion microstrip detector with single photon sensitivity. Applied Physics Letters, 2016, 108, .	3.3	14
27	Front end ASIC for AGIPD, a high dynamic range fast detector for the European XFEL. Journal of Instrumentation, 2016, 11, C01057-C01057.	1.2	5
28	Characterization of AGIPD1.0: The full scale chip. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 838, 39-46.	1.6	12
29	The adaptive gain integrating pixel detector. Journal of Instrumentation, 2016, 11, C02066-C02066.	1.2	11
30	Characterization results of the JUNGFRÄU full scale readout ASIC. Journal of Instrumentation, 2016, 11, C02047-C02047.	1.2	53
31	Calibration status and plans for the charge integrating JUNGFRÄU pixel detector for SwissFEL. Journal of Instrumentation, 2016, 11, C11013-C11013.	1.2	12
32	New calibration circuitry and concept for AGIPD. Journal of Instrumentation, 2016, 11, C11019-C11019.	1.2	10
33	Towards hybrid pixel detectors for energy-dispersive or soft X-ray photon science. Journal of Synchrotron Radiation, 2016, 23, 385-394.	2.4	27
34	Micrometer-resolution imaging using MÃ–NCH: towards G<sub>2</sub>-less grating interferometry. Journal of Synchrotron Radiation, 2016, 23, 1462-1473.	2.4	53
35	Detector developments at DESY. Journal of Synchrotron Radiation, 2016, 23, 111-117.	2.4	10
36	Study of the signal response of the MÃ–NCH 25 $\hat{1}$ / <sub>4</sub> m pitch hybrid pixel detector at different photon absorption depths. Journal of Instrumentation, 2015, 10, C03022-C03022.	1.2	3

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37	Spectrometer for shot-to-shot photon energy characterization in the multi-bunch mode of the free electron laser at Hamburg. Review of Scientific Instruments, 2015, 86, 113107.	1.3	7
38	Characterisation of an electron collecting CdTe strip sensor using the MYTHEN readout chip. Journal of Instrumentation, 2015, 10, C01024-C01024.	1.2	0
39	Looking at single photons using hybrid detectors. Journal of Instrumentation, 2015, 10, C01033-C01033.	1.2	17
40	Radiation hardness assessment of the charge-integrating hybrid pixel detector JUNGFRÄU 1.0 for photon science. Review of Scientific Instruments, 2015, 86, 123110.	1.3	5
41	The AGIPD 1.0 ASIC: Random access high frame rate, high dynamic range X-ray camera readout for the European XFEL. , 2015, , .		4
42	AGIPD, a high dynamic range fast detector for the European XFEL. Journal of Instrumentation, 2015, 10, C01023-C01023.	1.2	58
43	Performance of the EIGER single photon counting detector. Journal of Instrumentation, 2015, 10, C03011-C03011.	1.2	22
44	X-ray Detector Development at the Swiss Light Source. Synchrotron Radiation News, 2014, 27, 3-8.	0.8	6
45	Detector Developments for Hard X-rays at DESY: Cutting-Edge Systems for Cutting-Edge Light Sources. Synchrotron Radiation News, 2014, 27, 9-13.	0.8	0
46	Vertically integrated circuits: Example of an application to an x-ray detector. , 2014, , .		0
47	Commensurate structural modulation in the charge- and orbitally ordered phase of the quadruple perovskite $\text{Mn}_4\text{O}_{12}$ . Physical Review B, 2014, 9, C05010-C05010.	3.2	18
48	Prototype characterization of the JUNGFRÄU pixel detector for SwissFEL. Journal of Instrumentation, 2014, 9, C05010-C05010.	1.2	54
49	Eiger: a single-photon counting x-ray detector. Journal of Instrumentation, 2014, 9, C05032-C05032.	1.2	65
50	MÄ-NCH, a small pitch, integrating hybrid pixel detector for X-ray applications. Journal of Instrumentation, 2014, 9, C05015-C05015.	1.2	33
51	JUNGFRÄU 0.2: prototype characterization of a gain-switching, high dynamic range imaging system for photon science at SwissFEL and synchrotrons. Journal of Instrumentation, 2014, 9, P12013-P12013.	1.2	19
52	Towards AGIPD1.0: optimization of the dynamic range and investigation of a pixel input protection. Journal of Instrumentation, 2014, 9, P06001-P06001.	1.2	7
53	Comparator threshold settings and the effective pixel width of the PICASSO detector. Journal of Instrumentation, 2014, 9, C05056-C05056.	1.2	6
54	Micron resolution of MÄ-NCH and GOTTHARD, small pitch charge integrating detectors with single photon sensitivity. Journal of Instrumentation, 2014, 9, C05027-C05027.	1.2	27

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55	AGIPD 1.0: The high-speed high dynamic range readout ASIC for the adaptive gain integrating pixel detector at the European XFEL. , 2014, , .		2
56	Pixel detectors for diffraction-limited storage rings. Journal of Synchrotron Radiation, 2014, 21, 1006-1010.	2.4	38
57	Real-Time Beam Profile Uniformity Monitoring System. IEEE Transactions on Nuclear Science, 2013, 60, 3802-3804.	2.0	0
58	Electroweak measurements in electron-positron collisions at W-boson-pair energies at LEP. Physics Reports, 2013, 532, 119-244.	25.6	453
59	EIGER characterization results. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 731, 68-73.	1.6	38
60	Front end electronics for European XFEL sensor: The AGIPD project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 731, 79-82.	1.6	4
61	Developing a CCD camera with high spatial resolution for RIXS in the soft X-ray range. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 731, 47-52.	1.6	16
62	Advances in exploiting preferred orientation in the structure analysis of polycrystalline materials. Journal of Applied Crystallography, 2013, 46, 173-180.	4.5	16
63	PSIMOD - A generalised system model for investigating the performance of hybrid pixel detectors. Journal of Physics: Conference Series, 2013, 425, 062006.	0.4	0
64	The AGIPD System for the European XFEL. Proceedings of SPIE, 2013, , .	0.8	1
65	Success and failure of dead-time models as applied to hybrid pixel detectors in high-flux applications. Journal of Synchrotron Radiation, 2013, 20, 347-354.	2.4	29
66	The Materials Science beamline upgrade at the Swiss Light Source. Journal of Synchrotron Radiation, 2013, 20, 667-682.	2.4	255
67	The high speed, high dynamic range camera AGIPD. , 2013, , .		4
68	Optimization of the noise performance of the AGIPD prototype chips. Journal of Instrumentation, 2013, 8, P10022-P10022.	1.2	6
69	High-resolution soft x-ray spectrometry using the electron-multiplying charge-coupled device (EM-CCD). , 2013, , .		2
70	High speed cameras for X-rays: AGIPD and others. Journal of Instrumentation, 2013, 8, C01042-C01042.	1.2	8
71	Improving the spatial resolution of soft X-ray detection using an Electron-Multiplying Charge-Coupled Device. Journal of Instrumentation, 2013, 8, C01046-C01046.	1.2	27
72	Improving the resolution in soft X-ray emission spectrometers through photon-counting using an Electron Multiplying CCD. Journal of Instrumentation, 2012, 7, C01063-C01063.	1.2	13

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73	The GOTTHARD charge integrating readout detector: design and characterization. Journal of Instrumentation, 2012, 7, C01019-C01019.	1.2	55
74	EIGER a new single photon counting detector for X-ray applications: performance of the chip. Journal of Instrumentation, 2012, 7, C02019-C02019.	1.2	27
75	A low noise high dynamic range analog front-end ASIC for the AGIPD XFEL detector. , 2012, , .		12
76	Architecture and design of the AGIPD detector for the European XFEL. , 2012, , .		2
77	Capturing dynamics with Eiger, a fast-framing X-ray detector. Journal of Synchrotron Radiation, 2012, 19, 1001-1005.	2.4	58
78	The single photon sensitivity of the Adaptive Gain Integrating Pixel Detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 694, 82-90.	1.6	24
79	A von Hamos x-ray spectrometer based on a segmented-type diffraction crystal for single-shot x-ray emission spectroscopy and time-resolved resonant inelastic x-ray scattering studies. Review of Scientific Instruments, 2012, 83, 103105.	1.3	158
80	Micrometre resolution of a charge integrating microstrip detector with single photon sensitivity. Journal of Synchrotron Radiation, 2012, 19, 359-365.	2.4	20
81	Development of a fast read-out system of a single photon counting detector for mammography with synchrotron radiation. Journal of Instrumentation, 2011, 6, C12031-C12031.	1.2	10
82	Improving the spatial resolution of a soft X-ray Charge Coupled Device used for Resonant Inelastic X-ray Scattering. Journal of Instrumentation, 2011, 6, C11021-C11021.	1.2	8
83	EIGER: Next generation single photon counting detector for X-ray applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 650, 79-83.	1.6	136
84	Time-over-threshold readout to enhance the high-flux capabilities of single-photon-counting detectors. Journal of Synchrotron Radiation, 2011, 18, 923-929.	2.4	11
85	The adaptive gain integrating pixel detector AGIPD a detector for the European XFEL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 633, S11-S14.	1.6	164
86	Beyond single photon counting X-ray detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 628, 238-241.	1.6	24
87	A single photon resolution integrating chip for microstrip detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 633, S29-S32.	1.6	24
88	Breast computed tomography with the PICASSO detector: A feasibility study. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 628, 419-422.	1.6	4
89	AGIPD - The adaptive gain integrating pixel detector for the European XFEL development and status. , 2011, , .		7
90	Instrumental profile of MYTHEN detector in Debye-Scherrer geometry. Zeitschrift für Kristallographie, 2010, 225, 616-624.	1.1	25

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91	Evaluation of charge -sharing effects on the spatial resolution of the PICASSO detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 244-245.	1.6	4
92	A new family of pixel detectors for high frame rate X-ray applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 384-386.	1.6	36
93	Challenges in chip design for the AGIPD detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 624, 387-391.	1.6	46
94	Single photon counting pixel detectors for synchrotron radiation experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 623, 204-206.	1.6	19
95	The MYTHEN detector for X-ray powder diffraction experiments at the Swiss Light Source. Journal of Synchrotron Radiation, 2010, 17, 653-668.	2.4	243
96	<i>In situ</i> observation of rapid reactions in nanoscale Ni–Al multilayer foils using synchrotron radiation. Applied Physics Letters, 2010, 97, .	3.3	50
97	Direct formation of ZnO nanostructures by chemical solution deposition and EUV exposure. Nanotechnology, 2010, 21, 215302.	2.6	11
98	Coherent science at the SwissFEL x-ray laser. New Journal of Physics, 2010, 12, 035012.	2.9	123
99	The adaptive gain integrating pixel detector (AGIPD): A detector for the European XFEL. development and status. , 2009, , .		4
100	Structural analysis of rapidly solidified Mg–Cu–Y glasses during room-temperature embrittlement. Philosophical Magazine, 2009, 89, 233-248.	1.6	30
101	Creep in nanocrystalline Ni during X-ray diffraction. Scripta Materialia, 2009, 60, 297-300.	5.2	30
102	MythenII: A 128 channel single photon counting readout chip. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 607, 250-252.	1.6	26
103	Performance of single-photon-counting PILATUS detector modules. Journal of Synchrotron Radiation, 2009, 16, 368-375.	2.4	363
104	Photon counting microstrip detector for time resolved powder diffraction experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 604, 136-139.	1.6	29
105	PILATUS: A single photon counting pixel detector for X-ray applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 607, 247-249.	1.6	268
106	A single-photon counting edge-on-silicon detector for synchrotron radiation mammography. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 608, S62-S65.	1.6	21
107	A new criterion for elasto-plastic transition in nanomaterials: Application to size and composite effects on Cu–Nb nanocomposite wires. Acta Materialia, 2009, 57, 3157-3169.	7.9	96
108	Characterization and Calibration of PILATUS Detectors. IEEE Transactions on Nuclear Science, 2009, 56, 758-764.	2.0	157

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109	On the Microstructure of Nanoporous Gold: An X-ray Diffraction Study. Nano Letters, 2009, 9, 1158-1163.	9.1	132
110	High-resolution hard-X-ray fluorescence spectrometer. Journal of Physics: Conference Series, 2009, 190, 012035.	0.4	11
111	Performance of a single photon counting microstrip detector for strip pitches down to 10 <sup>1</sup> / <sub>4</sub> m. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 591, 163-166.	1.6	46
112	The CMS experiment at the CERN LHC. Journal of Instrumentation, 2008, 3, S08004-S08004.	1.2	2,192
113	Amino Acids in Iron Oxide Mineralization: (Incomplete) Crystal Phase Selection Is Achieved Even with Single Amino Acids. Journal of Physical Chemistry C, 2008, 112, 12104-12110.	3.1	13
114	In situ synchrotron radiation monitoring of phase transitions during microwave heating of Alâ€“Cuâ€“Fe alloys. Journal of Materials Research, 2008, 23, 170-175.	2.6	36
115	PICASSO: A silicon microstrip detector for mammography with synchrotron radiation. , 2008, , .		1
116	Concentration Profiles of Colloidal Fluids in One-Dimensional Confinement. Chimia, 2008, 62, 789-792.	0.6	3
117	Confinement-induced liquid ordering investigated by x-ray phase retrieval. Physical Review E, 2007, 75, 021501.	2.1	23
118	Ionic Liquid-Crystal Precursors (ILCPs) for CuCl Platelets:â€‰ The Origin of the Exothermic Peak in the DSC Curves. Journal of Physical Chemistry C, 2007, 111, 4077-4082.	3.1	63
119	Evidence of internal Bauschinger test in nanocomposite wires duringin situmacroscopic tensile cycling under synchrotron beam. Applied Physics Letters, 2007, 90, 241907.	3.3	28
120	Clinical mammography at the SYRMEP beam line: Toward the digital detection system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 576, 160-163.	1.6	15
121	In situ X-ray diffraction of the intercalation of (C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> N <sup>+</sup> and BF <sub>4</sub> <sup>-</sup> into graphite from acetonitrile and propylene carbonate based supercapacitor electrolytes. Electrochimica Acta, 2007, 53, 1074-1082.	5.2	97
122	Diffraction imaging for periodic samples: retrieving one-dimensional concentration profiles across microfluidic channels. Acta Crystallographica Section A: Foundations and Advances, 2007, 63, 306-314.	0.3	93
123	The PILATUS 1M detector. Journal of Synchrotron Radiation, 2006, 13, 120-130.	2.4	439
124	The instrumental resolution function of synchrotron radiation powder diffractometers in the presence of focusing optics. Journal of Applied Crystallography, 2006, 39, 347-357.	4.5	36
125	Hydrogenation of LaNi <sub>5</sub> studied by in situ synchrotron powder diffraction. Acta Materialia, 2006, 54, 713-719.	7.9	33
126	Precision electroweak measurements on the Z resonance. Physics Reports, 2006, 427, 257-454.	25.6	974



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127	From Micro- to Macroplasticity. Advanced Materials, 2006, 18, 1545-1548.	21.0	79
128	Following peak profiles during elastic and plastic deformation: A synchrotron-based technique. Review of Scientific Instruments, 2006, 77, 013902.	1.3	48
129	The materials science beamline at the Swiss Light Source: design and realization. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 540, 42-67.	1.6	81
130	Time-resolved monitoring of cement hydration: Influence of cellulose ethers on hydration kinetics. Nuclear Instruments & Methods in Physics Research B, 2005, 238, 102-106.	1.4	41
131	The materials science beamline at the Swiss Light Source. Nuclear Instruments & Methods in Physics Research B, 2005, 238, 224-228.	1.4	18

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145	Precise determination of the Z resonance parameters at LEP: $\alpha$ -Zedometry. European Physical Journal C, 2001, 19, 587-651.	3.9	45
146	A pixel read-out chip for the PILATUS project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 465, 235-239.	1.6	52
147	Synchrotron beam test with a photon-counting pixel detector. Journal of Synchrotron Radiation, 2000, 7, 301-306.	2.4	20
148	Performance of CMS silicon microstrip detectors with the APV6 readout chip. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 447, 133-141.	1.6	6
149	New results on silicon microstrip detectors of CMS tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 447, 142-150.	1.6	25
150	The CMS silicon tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 453, 121-125.	1.6	1
151	Precision luminosity for Z $\gamma$ lineshape measurements with a silicon-tungsten calorimeter. European Physical Journal C, 2000, 14, 373-425.	3.9	81
152	Search for acoplanar lepton pair events in $e^+e^-$ collisions at $\sqrt{s} = 161, 172$ and $183$ GeV. European Physical Journal C, 2000, 12, 551-565.	3.9	4
153	Test results on heavily irradiated silicon detectors for the CMS experiment at LHC. IEEE Transactions on Nuclear Science, 2000, 47, 2092-2100.	2.0	0
154	R&D for the CMS silicon tracker. Nuclear Physics, Section B, Proceedings Supplements, 1999, 78, 322-328.	0.4	0
155	A measurement of the branching ratio. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 447, 134-146.	4.1	16
156	Search for baryon and lepton number violating Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 447, 157-166.	4.1	2
157	Colour reconnection studies in $e^+e^- \rightarrow W^+W^-$ at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 453, 153-168.	4.1	14
158	Test results of heavily irradiated Si detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 422, 238-241.	1.6	0
159	The CMS silicon microstrip detectors: research and development. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 426, 16-23.	1.6	2
160	The CMS silicon strip tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 435, 102-108.	1.6	3
161	Measurement of the W mass and width in $e^+e^-$ collisions at 183 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 453, 138-152.	4.1	16
162	The silicon microstrip tracker for CMS. Nuclear Physics, Section B, Proceedings Supplements, 1999, 78, 315-321.	0.4	0

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163	Inclusive production of charged hadrons and. European Physical Journal C, 1999, 6, 253.	3.9	18
164	Measurements of flavour-dependent fragmentation functions in. European Physical Journal C, 1999, 7, 369.	3.9	37
165	Measurement of the strong coupling constant. European Physical Journal C, 1999, 7, 571.	3.9	250
166	Measurement of the Michel parameters in leptonic tau decays. European Physical Journal C, 1999, 8, 3.	3.9	11
167	Search for anomalous photonic events with missing energy in. European Physical Journal C, 1999, 8, 23.	3.9	23
168	Measurement of tau branching ratios to five charged hadrons. European Physical Journal C, 1999, 8, 183.	3.9	9
169	A measurement of. European Physical Journal C, 1999, 8, 217.	3.9	29
170	Production of. European Physical Journal C, 1999, 8, 241.	3.9	11
171	Search for chargino and neutralino production at. European Physical Journal C, 1999, 8, 255.	3.9	13
172	Bose-Einstein Correlations in. European Physical Journal C, 1999, 8, 559.	3.9	8
173	Measurement of the semileptonic branching ratio of charm hadrons produced in. European Physical Journal C, 1999, 8, 573.	3.9	3
174	A measurement of the product branching ratio. European Physical Journal C, 1999, 9, 1.	3.9	6
175	Di-Jet production in photon-photon collisions at. European Physical Journal C, 1999, 10, 547.	3.9	10
176	Radiation tests with foxfet biased microstrip detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 418, 128-137.	1.6	1
177	Measurements of the $B_s^0$ and $\bar{B}^0$ lifetimes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 426, 161-179.	4.1	33
178	Search for charged Higgs bosons in $e^+e^-$ collisions at $\sqrt{s} = 172$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 426, 180-192.	4.1	11
179	Search for stable and long-lived massive charged particles in $e^+e^-$ collisions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 433, 195-208.	4.1	23
180	An upper limit on the anomalous magnetic moment of the $\tilde{l}$ , lepton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 431, 188-198.	4.1	47

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181	Multi-photon production in $e^+e^-$ collisions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 438, 379-390.	4.1	5
182	Measurement of the longitudinal cross-section using the direction of the thrust axis in hadronic events at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 440, 393-402.	4.1	7
183	Two fermion production in $e^+e^-$ collisions at LEP at centre-of-mass energies between 130 and 172 GeV. Nuclear Physics, Section B, Proceedings Supplements, 1998, 65, 124-128.	0.4	0
184	Polarization and forward-backward asymmetry of $\Lambda$ baryons in hadronic $Z^0$ decays. European Physical Journal C, 1998, 2, 49-59.	3.9	94
185	The CMS silicon tracker at LHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 409, 105-111.	1.6	0
186	The CMS silicon tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 419, 538-543.	1.6	3
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