

Giuliana Rizzo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

202
papers

4,466
citations

33
h-index

61
g-index

216
ext. papers

5,183
ext. citations

3.5
avg, IF

2.3
L-index

#	Paper	IF	Citations
202	Search for Darkonium in e^+e^- Collisions.. <i>Physical Review Letters</i> , 2022 , 128, 021802	7.4	
201	The Silicon Vertex Detector of the Belle II experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2022 , 166688	1.2	1
200	Performance of the diamond-based beam-loss monitor system of Belle II. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021 , 997, 165157	1.2	3
199	Measurements of the Absolute Branching Fractions of $B^0 \rightarrow K^0 X_{cc}$. <i>Physical Review Letters</i> , 2020 , 124, 152001	7.4	4
198	Measurement of the integrated luminosity of the Phase 2 data of the Belle II experiment. <i>Chinese Physics C</i> , 2020 , 44, 021001	2.2	8
197	Search for lepton-flavor-violating decays $D^0 \rightarrow K^0 e^+ e^-$. <i>Physical Review D</i> , 2020 , 101,	4.9	1
196	Search for $B \rightarrow \mu^+ \mu^-$ with the BaBar experiment. <i>Physical Review D</i> , 2019 , 100,	4.9	2
195	Search for the decay mode $B^0 \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. <i>Physical Review D</i> , 2018 , 98,	4.9	1
194	Study of $\psi(1S)$ radiative decays to $\mu^+ \mu^-$ and $K^+ K^-$. <i>Physical Review D</i> , 2018 , 97,	4.9	2
193	Search for Invisible Decays of a Dark Photon Produced in e^+e^- Collisions at BaBar. <i>Physical Review Letters</i> , 2017 , 119, 131804	7.4	113
192	Measurement of the $e^+e^- \rightarrow \mu^+\mu^-$ cross section using initial-state radiation at BABAR. <i>Physical Review D</i> , 2017 , 96,	4.9	13
191	Measurement of the $D^{*+}(2010) \rightarrow D^+ \pi^0$ Mass Difference. <i>Physical Review Letters</i> , 2017 , 119, 202003	7.4	1
190	Evidence for CP violation in $B^+ \rightarrow K^{*0} \pi^+$ from a Dalitz plot analysis of $B^+ \rightarrow K_S^0 \pi^+$ decays. <i>Physical Review D</i> , 2017 , 96,	4.9	2
189	Search for mixing-induced CP violation using partial reconstruction of $B^0 \rightarrow D^{*+} X$ and kaon tagging. <i>Physical Review D</i> , 2016 , 93,	4.9	2
188	Observation of $B \rightarrow D^{*+} \pi^+ \pi^- \pi^0$ Decays in e^+e^- Collisions at the $\psi(4S)$ Resonance. <i>Physical Review Letters</i> , 2016 , 116, 041801	7.4	8
187	PFM2: A 32 \times 32 readout chip for the PixFEL X-ray imager demonstrator 2016 ,		1
186	First experimental results on active and slim-edge silicon sensors for XFEL. <i>Journal of Instrumentation</i> , 2016 , 11, C12018-C12018	1	0

185	The PixFEL project: Progress towards a fine pitch X-ray imaging camera for next generation FEL facilities. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016 , 824, 131-134	1.2	
184	Design and TCAD simulation of planar p-on-n active-edge pixel sensors for the next generation of FELs. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016 , 824, 384-385	1.2	4
183	PFM2: a 32 B2 processor for X-ray diffraction imaging at FELs. <i>Journal of Instrumentation</i> , 2016 , 11, C11033-C11033	1	
182	A 2D imager for X-ray FELs with a 65 nm CMOS readout based on per-pixel signal compression and 10 bit A/D conversion. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016 , 831, 301-308	1.2	1
181	Tests of CPT symmetry in $B^0\bar{B}^0$ mixing and in $B^0\rightarrow\pi^0\pi^0$ decays. <i>Physical Review D</i> , 2016 , 94,	4.9	4
180	Search for a muonic dark force at BaBar. <i>Physical Review D</i> , 2016 , 94,	4.9	66
179	Measurement of the branching fractions of the radiative leptonic B decays $B\rightarrow\gamma\ell^+\ell^-$ at BABAR. <i>Physical Review D</i> , 2015 , 91,	4.9	8
178	Study of CP asymmetry in $B^0\rightarrow B^0\pi^0$ mixing with inclusive dilepton events. <i>Physical Review Letters</i> , 2015 , 114, 081801	7.4	13
177	Search for Long-Lived Particles in e^+e^- Collisions. <i>Physical Review Letters</i> , 2015 , 114, 171801	7.4	19
176	The PixFEL project: development of advanced X-ray pixel detectors for application at future FEL facilities. <i>Journal of Instrumentation</i> , 2015 , 10, C02024-C02024	1	7
175	PixFEL: developing a fine pitch, fast 2D X-ray imager for the next generation X-FELs. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015 , 796, 2-7	1.2	5
174	Measurement of the $D^0\rightarrow\pi^+\pi^-$ differential decay branching fraction as a function of q^2 and study of form factor parametrizations. <i>Physical Review D</i> , 2015 , 91,	4.9	23
173	Search for a light Higgs resonance in radiative decays of the $\psi(1S)$ with a charm tag. <i>Physical Review D</i> , 2015 , 91,	4.9	7
172	Study of the $e^+e^-\rightarrow K^+K^-$ reaction in the energy range from 2.6 to 8.0 GeV. <i>Physical Review D</i> , 2015 , 92,	4.9	7
171	Measurement of initial-state-final-state radiation interference in the processes $e^+e^-\rightarrow\mu^+\mu^-$ and $e^+e^-\rightarrow\tau^+\tau^-$ <i>Physical Review D</i> , 2015 , 92,	4.9	6
170	Search for a dark photon in e^+e^- collisions at BABAR. <i>Physical Review Letters</i> , 2014 , 113, 201801	7.4	241
169	Quadruple Well CMOS MAPS With Time-Invariant Processor Exposed to Ionizing Radiation and Neutrons. <i>IEEE Transactions on Nuclear Science</i> , 2014 , 61, 1763-1771	1.7	1
168	Effects of Substrate Thinning on the Properties of Quadruple Well CMOS MAPS. <i>IEEE Transactions on Nuclear Science</i> , 2014 , 61, 1039-1046	1.7	1

167	CMOS MAPS in a Homogeneous 3D Process for Charged Particle Tracking. <i>IEEE Transactions on Nuclear Science</i> , 2014 , 61, 700-707	1.7	
166	Search for lepton-number violating $B \rightarrow X \mu \mu$ decays. <i>Physical Review D</i> , 2014 , 89,	4.9	22
165	Development of a fast readout circuit for matrices of binary pixel sensors. <i>Journal of Instrumentation</i> , 2014 , 9, C03038-C03038	1	
164	Search for new D -like particles produced in association with a dilepton pair. <i>Physical Review D</i> , 2014 , 90,	4.9	1
163	Bottomonium spectroscopy and radiative transitions involving the $\chi_{cJ}(1P,2P)$ states at BaBar. <i>Physical Review D</i> , 2014 , 90,	4.9	5
162	The Physics of the B Factories. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	233
161	Measurements of direct CP asymmetries in $B \rightarrow X s \ell$ decays using sum of exclusive decays. <i>Physical Review D</i> , 2014 , 90,	4.9	9
160	Evidence for the decay $B_0 \rightarrow \pi \pi$ and search for $B_0 \rightarrow \pi \ell$. <i>Physical Review D</i> , 2014 , 89,	4.9	3
159	Cross sections for the reactions $e^+e^- \rightarrow K_S^0 K_L^0$, $K_S^0 K_L^0 \pi^0$, $K_S^0 K_S^0 \pi^0$ and $K_S^0 K_S^0 K^0 \bar{K}^0$ from events with initial-state radiation. <i>Physical Review D</i> , 2014 , 89,	4.9	32
158	Search for the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$. <i>Physical Review D</i> , 2014 , 89,	4.9	3
157	Measurement of Collins asymmetries in inclusive production of charged pion pairs in e^+e^- annihilation at BABAR. <i>Physical Review D</i> , 2014 , 90,	4.9	58
156	Dalitz plot analysis of $\pi^+ K^0 K^0$ and $\pi^- K^0 K^0$ in two-photon interactions. <i>Physical Review D</i> , 2014 , 89,	4.9	16
155	Evidence for the baryonic decay $B^0 \rightarrow D^0 \pi$. <i>Physical Review D</i> , 2014 , 89,	4.9	4
154	Study of the reaction $e^+e^- \rightarrow \pi^+ \pi^- \pi^0$ via initial-state radiation at BaBar. <i>Physical Review D</i> , 2014 , 89,	4.9	59
153	Antideuteron production in $\chi_c(nS)$ decays and in $e^+e^- \rightarrow q \bar{q}$ at $\sqrt{s} = 0.58$ GeV. <i>Physical Review D</i> , 2014 , 89,	4.9	9
152	Modeling Charge Loss in CMOS MAPS Exposed to Non-Ionizing Radiation. <i>IEEE Transactions on Nuclear Science</i> , 2013 , 60, 2574-2582	1.7	4
151	Recent developments on CMOS MAPS for the SuperB Silicon Vertex Tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 718, 283-287	1.2	4
150	Functional test of a Radon sensor based on a high-resistivity-silicon BJT detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 718, 302-304	1.2	3

149	Monolithic Pixel Sensors for Fast Silicon Vertex Trackers in a Quadruple Well CMOS Technology. <i>IEEE Transactions on Nuclear Science</i> , 2013 , 60, 2343-2351	1.7	2
148	R&D paths of pixel detectors for vertex tracking and radiation imaging. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 716, 29-45	1.2	7
147	Advances in the development of pixel detector for the SuperB Silicon Vertex Tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 731, 25-30	1.2	1
146	The front-end chip of the SuperB SVT detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 718, 180-183 ^{1,2}	1.2	3
145	Latest results of the R&D on CMOS MAPS for the Layer0 of the SuperB SVT. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 732, 484-487	1.2	1
144	Beam test results for the SuperB-SVT thin striplet detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 718, 314-317	1.2	1
143	Review of radiation damage studies on DNW CMOS MAPS. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 730, 155-158	1.2	
142	Time-integrated luminosity recorded by the BABAR detector at the PEP-II. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 726, 203-213	1.2	86
141	Publisher's Note: Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$ [Phys. Rev. D 87, 031102(R) (2013)]. <i>Physical Review D</i> , 2013 , 87,	4.9	10
140	Branching fraction measurement of $B \rightarrow \mu^+ \mu^-$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	13
139	Search for direct CP violation in singly Cabibbo-suppressed $D^0 \rightarrow K^+ K^-$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	7
138	Search for a low-mass scalar Higgs boson decaying to a tau pair in single-photon decays of $\Upsilon(1S)$. <i>Physical Review D</i> , 2013 , 88,	4.9	26
137	Study of $e^+e^- \rightarrow \mu^+\mu^-$ via initial-state radiation at BABAR. <i>Physical Review D</i> , 2013 , 87,	4.9	77
136	Measurement of the $D^{*(2010)+}$ natural linewidth and the $D^{*(2010)+} D^0$ mass difference. <i>Physical Review D</i> , 2013 , 88,	4.9	14
135	Search for $B \rightarrow K^{(*)} \gamma$ and invisible quarkonium decays. <i>Physical Review D</i> , 2013 , 87,	4.9	80
134	Search for CP violation in B^0 - B^0 mixing using partial reconstruction of $B^0 \rightarrow D^{*-} X^0$ and a kaon tag. <i>Physical Review Letters</i> , 2013 , 111, 101802	7.4	19
133	Measurement of the $D^{*(2010)+}$ meson width and the $D^{*(2010)+} - D^0$ mass difference. <i>Physical Review Letters</i> , 2013 , 111, 111801	7.4	25
132	Measurement of an excess of $B \rightarrow D^{(*)} \gamma$ decays and implications for charged Higgs bosons. <i>Physical Review D</i> , 2013 , 88,	4.9	34 ⁰

131	Precision measurement of the $e^+e^- \rightarrow K^+K^0$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , 2013 , 88,	4.9	59
130	Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$. <i>Physical Review D</i> , 2013 , 87,	4.9	38
129	Search for CP violation in the decays $D^{\pm} \rightarrow KS^0K^{\pm}$, $D_s^{\pm} \rightarrow KS^0K^{\pm}$, and $D_s^{\pm} \rightarrow KS^0\bar{K}^{\pm}$. <i>Physical Review D</i> , 2013 , 87,	4.9	9
128	Measurement of the $e^+e^- \rightarrow p\bar{p}$ cross section in the energy range from 3.0 to 6.5 GeV. <i>Physical Review D</i> , 2013 , 88,	4.9	40
127	Measurement of CP asymmetries and branching fractions in charmless two-body B-meson decays to pions and kaons. <i>Physical Review D</i> , 2013 , 87,	4.9	31
126	Measurement of the $B^+ \rightarrow \mu^+\mu^-$ branching fraction with semileptonically tagged B mesons. <i>Physical Review D</i> , 2013 , 88,	4.9	8
125	Production of charged pions, kaons, and protons in e^+e^- annihilations into hadrons at $s=10.54$ GeV. <i>Physical Review D</i> , 2013 , 88,	4.9	37
124	Measurement of the mass of the D_0 meson. <i>Physical Review D</i> , 2013 , 88,	4.9	7
123	Search for a light Higgs boson decaying to two gluons or ss^* in the radiative decays of $\Upsilon(1S)$. <i>Physical Review D</i> , 2013 , 88,	4.9	15
122	Observation of direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle β with $B^{\pm} \rightarrow D^{(*)}K^{(*)\pm}$ decays. <i>Physical Review D</i> , 2013 , 87,	4.9	29
121	Study of the decay $B^0 \rightarrow \rho^+ \pi^-$ and its intermediate states. <i>Physical Review D</i> , 2013 , 87,	4.9	3
120	Search for the rare decays $B^{\pm} \rightarrow \mu^{\pm} \tau^{\pm}$ and $B^0 \rightarrow \mu^{\pm} \tau^{\mp}$. <i>Physical Review D</i> , 2013 , 88,	4.9	8
119	Measurement of $D^0 \bar{D}^0$ mixing and CP violation in two-body D_0 decays. <i>Physical Review D</i> , 2013 , 87,	4.9	27
118	Evidence of $B^+ \rightarrow \mu^+ \tau^+$ decays with hadronic B tags. <i>Physical Review D</i> , 2013 , 88,	4.9	65
117	Measurement of CP-violating asymmetries in $B^0 \rightarrow \tau^+ \tau^-$ decays using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , 2013 , 88,	4.9	11
116	Observation of time-reversal violation in the B_0 meson system. <i>Physical Review Letters</i> , 2012 , 109, 211801,	4.9	96
115	Search for $B^0 \rightarrow \mu^+ X^{\pm}$ decays in events with a fully reconstructed B meson. <i>Physical Review D</i> , 2012 , 85,	4.9	1
114	Measurement of the semileptonic branching fraction of the B_s meson. <i>Physical Review D</i> , 2012 , 85,	4.9	11

113	B0 meson decays to D^*K^0 , F^*K^0 , and K^{*+} , including higher K^* resonances. <i>Physical Review D</i> , 2012 , 85,	4.9	6
112	Characterization of Bulk Damage in CMOS MAPS With Deep N-Well Collecting Electrode. <i>IEEE Transactions on Nuclear Science</i> , 2012 , 59, 900-908	1.7	9
111	Study of CP violation in Dalitz-plot analyses of $B^0 \rightarrow K^+K^-\pi^0$, $B^+ \rightarrow K^+K^-\pi^+$, and $B^+ \rightarrow K^0K^0\pi^+$. <i>Physical Review D</i> , 2012 , 85,	4.9	58
110	Search for the $Z_1(4050)^+$ and $Z_2(4250)^+$ states in $B^0 \rightarrow \pi^+K^-\pi^0$ and $B^+ \rightarrow \pi^+K^0\pi^0$. <i>Physical Review D</i> , 2012 , 85,	4.9	42
109	Measurement of $B(B \rightarrow K_s^0 \gamma)$, the $B \rightarrow K_s^0 \gamma$ photon energy spectrum, and the direct CP asymmetry in $B \rightarrow K_s^0 d \bar{d}$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	34
108	Precise measurement of the $e^+e^- \rightarrow \mu^+\mu^- \gamma$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	110
107	Monolithic pixel sensors for fast particle trackers in a quadruple well CMOS technology 2012 ,		1
106	Measurement of branching fractions and rate asymmetries in the rare decays $B \rightarrow K^{(*)} \pi \pi$. <i>Physical Review D</i> , 2012 , 86,	4.9	82
105	Study of high-multiplicity three-prong and five-prong γ decays at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	17
104	Study of $X(3915) \rightarrow J/\psi \pi \pi$ in two-photon collisions. <i>Physical Review D</i> , 2012 , 86,	4.9	52
103	Search for the decay modes $B \rightarrow h \pi \pi$. <i>Physical Review D</i> , 2012 , 86,	4.9	21
102	Exclusive measurements of $b \rightarrow s \gamma$ transition rate and photon energy spectrum. <i>Physical Review D</i> , 2012 , 86,	4.9	40
101	Precision measurement of the $B \rightarrow \pi \pi \gamma$ photon energy spectrum, branching fraction, and direct CP asymmetry $A_{CP}^{\text{dir}}(B \rightarrow \pi \pi \gamma)$. <i>Physical Review Letters</i> , 2012 , 109, 191801	7.4	43
100	Measurement of the time-dependent CP asymmetry of partially reconstructed $B^0 \rightarrow D^{*+} D^{*-}$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	3
99	Study of the baryonic B decay $B \rightarrow \Lambda^0 p$. <i>Physical Review D</i> , 2012 , 86,	4.9	14
98	Search for low-mass dark-sector Higgs bosons. <i>Physical Review Letters</i> , 2012 , 108, 211801	7.4	52
97	Branching fraction and form-factor shape measurements of exclusive charmless semileptonic B decays, and determination of $ V_{ub} $. <i>Physical Review D</i> , 2012 , 86,	4.9	51
96	Search for lepton-number violating processes in $B^+ \rightarrow h^+ l^+ l^-$ decays. <i>Physical Review D</i> , 2012 , 85,	4.9	24

95	Search for the decay modes $D^0 \rightarrow e^+e^-D^0$ and $D^0 \rightarrow e^+e^-D^0$. <i>Physical Review D</i> , 2012 , 86,	4.9	3
94	Evidence for an excess of $B \rightarrow D^{*0} \pi^0$ decays. <i>Physical Review Letters</i> , 2012 , 109, 101802	7.4	456
93	Study of the reaction $e^+e^- \rightarrow \mu^+\mu^-$ via initial-state radiation at BABAR. <i>Physical Review D</i> , 2012 , 86,	4.9	75
92	Branching fraction of $B_s \rightarrow K_s^0 \pi^0$ decays. <i>Physical Review D</i> , 2012 , 86,	4.9	8
91	Improved limits on B^0 decays to invisible (π^0) final states. <i>Physical Review D</i> , 2012 , 86,	4.9	13
90	Search for resonances decaying to $\pi^0\pi^0$ in two-photon interactions. <i>Physical Review D</i> , 2012 , 86,	4.9	8
89	Thin pixel development for the SuperB silicon vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 650, 169-173	1.2	14
88	High efficiency readout circuits for large matrices of pixels. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 658, 141-144	1.2	10
87	Searches for rare or forbidden semileptonic charm decays. <i>Physical Review D</i> , 2011 , 84,	4.9	33
86	Observation of the baryonic B decay $B^0 \rightarrow \Lambda^0 K^0$. <i>Physical Review D</i> , 2011 , 84,	4.9	2
85	Study of dipion bottomonium transitions and search for the $h_b(1P)$ state. <i>Physical Review D</i> , 2011 , 84,	4.9	8
84	The SuperB silicon vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 636, S168-S172	1.2	9
83	Beam test results of different configurations of deep N-well MAPS matrices featuring in pixel full signal processing. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 628, 234-237	1.2	1
82	Branching fraction measurements of the color-suppressed decays $B^0 \rightarrow D^{*0} \pi^0$, $D^{*0} \pi^0 \pi^0$ and $D^{*0} \pi^0$ and measurement of the polarization in the decay $B^0 \rightarrow D^{*0} \pi^0$. <i>Physical Review D</i> , 2011 , 84,	4.9	11
81	2011 ,		7
80	Search for CP violation using T-odd correlations in $D^+ \rightarrow K^+ K_S^0 \pi^0$ and $D_s^+ \rightarrow K^+ K_S^0 \pi^0$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	12
79	Front-End Performance and Charge Collection Properties of Heavily Irradiated DNW MAPS. <i>IEEE Transactions on Nuclear Science</i> , 2010 , 57, 1781-1789	1.7	11
78	Beam-test results of 4k pixel CMOS MAPS and high resistivity striplet detectors equipped with digital sparsified readout in the Slim5 low mass silicon demonstrator. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 617, 596-600	1.2	5

77	SLIM5 beam test results for thin striplet detector and fast readout beam telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 617, 601-604	1.2	8
76	The high rate data acquisition system for the SLIM5 beam test. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 617, 321-323	1.2	5
75	The superB silicon vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 617, 585-587	1.2	13
74	Deep n-well MAPS in a 130 nm CMOS technology: Beam test results. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 623, 195-197	1.2	6
73	The SLIM5 low mass silicon tracker demonstrator. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 623, 942-953 ^{1.2}		21
72	A 4096-pixel MAPS device with on-chip data sparsification. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 604, 408-411	1.2	12
71	Branching fractions and CP-violating asymmetries in radiative B decays to $B\pi$ <i>Physical Review D</i> , 2009 , 79,	4.9	5
70	On-Chip Fast Data Sparsification for a Monolithic 4096-Pixel Device. <i>IEEE Transactions on Nuclear Science</i> , 2009 , 56, 1159-1162	1.7	2
69	The associative memory for the self-triggered SLIM5 silicon telescope 2008 ,		8
68	Development of deep N-well MAPS in a 130 nm CMOS technology and beam test results on a 4k-pixel matrix with digital sparsified readout 2008 ,		9
67	Development of deep N-well monolithic active pixel sensors in a 0.13 μ m CMOS technology. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 572, 277-280	1.2	6
66	Recent development on CMOS monolithic active pixel sensors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 576, 103-108	1.2	7
65	Recent developments in 130 nm CMOS monolithic active pixel detectors. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2007 , 172, 20-24		1
64	Vertex detector concept for a SuperB factory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 582, 811-813	1.2	2
63	Recent development on triple well 130 nm CMOS MAPS with in-pixel signal processing and data sparsification capability 2007 ,		8
62	Proposal of a data sparsification unit for a mixed-mode MAPS detector 2007 ,		17
61	BaBar silicon vertex tracker: Status and prospects. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 569, 1-4	1.2	1
60	Development of 130nm CMOS Monolithic Active Pixels with In-pixel Signal Processing 2006 ,		2

59	A novel monolithic active pixel detector in triple well CMOS technology with pixel level analog processing. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 565, 195-201	1.2	26
58	Monolithic pixel detectors in a 0.13 μ m CMOS technology with sensor level continuous time charge amplification and shaping. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 568, 159-166	1.2	38
57	A new approach to the design of monolithic active pixel detectors in 0.13 μ m triple well CMOS technology. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 569, 61-64	1.2	1
56	Status and prospects of the BaBar SVT. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 560, 5-8	1.2	2
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