

# Giuliana Rizzo

## List of Publications by Citations

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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	Evidence for an excess of $B \rightarrow D^* \ell \ell$ decays. <i>Physical Review Letters</i> , <b>2012</b> , 109, 101802	7.4	456
201	Measurement of an excess of $B \rightarrow D^* \ell \ell$ decays and implications for charged Higgs bosons. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	340
200	Search for a dark photon in $e^+e^-$ collisions at BABAR. <i>Physical Review Letters</i> , <b>2014</b> , 113, 201801	7.4	241
199	The Physics of the B Factories. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	233
198	Observation of an excess in the search for the Standard Model Higgs boson at ALEPH. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 495, 1-17	4.2	116
197	Search for Invisible Decays of a Dark Photon Produced in $e^+e^-$ Collisions at BaBar. <i>Physical Review Letters</i> , <b>2017</b> , 119, 131804	7.4	113
196	Precise measurement of the $e^+e^- \rightarrow \ell \ell$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	110
195	Observation of time-reversal violation in the $B_0$ meson system. <i>Physical Review Letters</i> , <b>2012</b> , 109, 211801	7.4	96
194	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> , <b>2013</b> , 726, 203-213	1.2	86
193	Measurement of branching fractions and rate asymmetries in the rare decays $B \rightarrow K^* \ell \ell$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	82
192	Search for $B \rightarrow K^* \ell \ell$ and invisible quarkonium decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	80
191	Study of $e^+e^- \rightarrow \ell \ell$ via initial-state radiation at BABAR. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	77
190	Study of the reaction $e^+e^- \rightarrow \ell \ell$ via initial-state radiation at BABAR. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	75
189	Search for a muonic dark force at BaBar. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	66
188	Evidence of $B \rightarrow \ell \ell$ decays with hadronic B tags. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	65
187	Study of the reaction $e^+e^- \rightarrow \ell \ell$ via initial-state radiation at BaBar. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	59
186	Precision measurement of the $e^+e^- \rightarrow K^* K$ cross section with the initial-state radiation method at BABAR. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	59

185	Measurement of Collins asymmetries in inclusive production of charged pion pairs in $e+e$ annihilation at BABAR. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	58
184	Study of CP violation in Dalitz-plot analyses of $B^0 \rightarrow K^+ K^- S^0$ , $B^+ \rightarrow K^+ K^- S^+$ , and $B^+ \rightarrow K^0 K^0 S^+$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	58
183	Properties of hadronic Z decays and test of QCD generators. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1992</b> , 55, 209-234		57
182	Study of $X(3915) \rightarrow J/\psi$ in two-photon collisions. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	52
181	Search for low-mass dark-sector Higgs bosons. <i>Physical Review Letters</i> , <b>2012</b> , 108, 211801	7.4	52
180	Branching fraction and form-factor shape measurements of exclusive charmless semileptonic B decays, and determination of $ V_{ub} $ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	51
179	A study of $\eta$ decays involving $\rho$ and $\omega$ mesons. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 74, 263-273		45
178	Precision measurement of the $B \rightarrow X_s \gamma$ photon energy spectrum, branching fraction, and direct CP asymmetry $A_{CP}(\text{BR}(B \rightarrow X_s \gamma))$ . <i>Physical Review Letters</i> , <b>2012</b> , 109, 191801	7.4	43
177	Search for the $Z_1(4050)^+$ and $Z_2(4250)^+$ states in $B^0 \rightarrow \eta' K^0$ and $B^+ \rightarrow \eta' K^0 S^+$ . <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	42
176	Measurement of the $e+e \rightarrow \mu\mu$ cross section in the energy range from 3.0 to 6.5 GeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	40
175	Exclusive measurements of $b \rightarrow s \gamma$ transition rate and photon energy spectrum. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	40
174	Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	38
173	Monolithic pixel detectors in a 0.13 $\mu\text{m}$ 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> , <b>2006</b> , 568, 159-166	1.2	38
172	Production of charged pions, kaons, and protons in $e+e$ annihilations into hadrons at $\sqrt{s}=10.54$ GeV. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	37
171	Measurement of $B \rightarrow X_s \gamma$ , the $B \rightarrow X_s \gamma$ photon energy spectrum, and the direct CP asymmetry in $B \rightarrow X_s d \gamma$ decays. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	34
170	Searches for rare or forbidden semileptonic charm decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	33
169	Cross sections for the reactions $e+e \rightarrow K^0 K^0 L^0$ , $K^0 K^0 S^0$ and $K^0 K^0 K^0$ from events with initial-state radiation. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	32
168	Measurement of CP asymmetries and branching fractions in charmless two-body B-meson decays to pions and kaons. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	31

167	Observation of direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle $\beta$ with $B_{\text{d}}-D^{(*)}K^{(*)}$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	29
166	A measurement of Rb using a lifetime-mass tag. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 401, 150-162	4.2	29
165	Measurement of $D^0\bar{D}^0$ mixing and CP violation in two-body $D^0$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	27
164	Search for the neutral Higgs bosons of the MSSM in $e^+e^-$ collisions at from 130 to 172 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 412, 173-188	4.2	27
163	The design, construction and performance of the ALEPH silicon vertex detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1996</b> , 379, 101-115	1.2	27
162	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> , <b>2013</b> , 88,	4.9	26
161	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> , <b>2006</b> , 565, 195-201	1.2	26
160	Measurement of the $D^{*(2010)+}$ meson width and the $D^{*(2010)+} - D^0$ mass difference. <i>Physical Review Letters</i> , <b>2013</b> , 111, 111801	7.4	25
159	Search for lepton-number violating processes in $B^+-h_{\text{c}}^+l^+$ decays. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	24
158	Measurement of the $D^0\text{-}B^+B$ differential decay branching fraction as a function of $q^2$ and study of form factor parametrizations. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	23
157	Search for lepton-number violating $B^+-X_{\text{c}}^+l^+$ decays. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	22
156	A study of the decay width difference in the $B_0\text{s}$ system using $\Gamma$ correlations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 486, 286-299	4.2	22
155	Search for the decay modes $B_{\text{d}}-h_{\text{c}}^0$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	21
154	The SLIM5 low mass silicon tracker demonstrator. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2010</b> , 623, 942-953 <sup>1.2</sup>	1.2	21
153	Search for Long-Lived Particles in $e^+e^-$ Collisions. <i>Physical Review Letters</i> , <b>2015</b> , 114, 171801	7.4	19
152	Search for CP violation in $B^0\text{-}B^0$ mixing using partial reconstruction of $B^0\text{-}D^{*-}X_{\text{c}}^0$ and a kaon tag. <i>Physical Review Letters</i> , <b>2013</b> , 111, 101802	7.4	19
151	Updated measurement of the $\tau$ lepton lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 414, 362-372	4.2	19
150	Update of electroweak parameters from Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1993</b> , 60, 71-81		19

149	Search for charged Higgs bosons in $e+e^-$ collisions at energies up to $\sqrt{s} = 189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 487, 253-263	4.2	18
148	Study of high-multiplicity three-prong and five-prong $\tau$ decays at BABAR. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	17
147	Proposal of a data sparsification unit for a mixed-mode MAPS detector <b>2007</b> ,		17
146	Measurement of the tau polarisation at the Z resonance. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1993</b> , 59, 369-386		17
145	Dalitz plot analysis of $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow K^+ K^0$ in two-photon interactions. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	16
144	Radiation damage of silicon structures with electrons of 900MeV. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2002</b> , 485, 126-132	1.2	16
143	Charm counting in b decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 388, 648-658	4.2	16
142	Search for a light Higgs boson decaying to two gluons or $ss^*$ in the radiative decays of $\Upsilon(1S)$ . <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	15
141	The new ALEPH Silicon Vertex Detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1998</b> , 409, 157-160	1.2	15
140	Fermi-Dirac correlations in $\tau$ pairs in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 475, 395-406	4.2	15
139	Measurement of prompt photon production in hadronic Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1993</b> , 57, 17-35		15
138	Measurement of the $D^{*}(2010)^+$ natural linewidth and the $D^{*}(2010)^+ D^0$ mass difference. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	14
137	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> , <b>2011</b> , 650, 169-173	1.2	14
136	Study of the baryonic B decay $B^0 \rightarrow p \pi^0$ <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	14
135	Measurement of W-pair production in $e+e^-$ collisions at 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 484, 205-217	4.2	14
134	Search for contact interactions in the reactions $e^+ e^- \rightarrow \mu^+ \mu^-$ and $e^+ e^- \rightarrow \tau^+ \tau^-$ <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1993</b> , 59, 215-229		14
133	Study of CP asymmetry in $B^0 \rightarrow B^0$ mixing with inclusive dilepton events. <i>Physical Review Letters</i> , <b>2015</b> , 114, 081801	7.4	13
132	Measurement of the $e+e^- \rightarrow \mu\mu$ cross section using initial-state radiation at BABAR. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	13

131	Branching fraction measurement of $B^+ \rightarrow \mu^+ \nu_\mu$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	13
130	Improved limits on $B^0$ decays to invisible ( $\nu\bar{\nu}$ ) final states. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	13
129	The superB silicon vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2010</b> , 617, 585-587	1.2	13
128	Search for a scalar top almost degenerate with the lightest neutralino in $e^+e^-$ collisions at $\sqrt{s}$ up to 202 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 488, 234-246	4.2	13
127	Operational experience with a large detector system using silicon strip detectors with double sided readout. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1993</b> , 326, 183-188	1.2	13
126	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> , <b>2009</b> , 604, 408-411	1.2	12
125	Search for CP violation using T-odd correlations in $D^+ \rightarrow K^+ K_S^0 \mu^+ \mu^-$ and $D_s^+ \rightarrow K^+ K_S^0 \mu^+ \mu^-$ decays. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	12
124	The BaBar silicon-vertex tracker: performance, running experience, and radiation-damage studies. <i>IEEE Transactions on Nuclear Science</i> , <b>2002</b> , 49, 3284-3289	1.7	12
123	Improved measurement of the $B^0$ and $B^+$ meson lifetimes. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 71, 31-44		12
122	Measurement of the semileptonic branching fraction of the $B_s$ meson. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	11
121	Measurement of CP-violating asymmetries in $B^0 \rightarrow \mu^+ \mu^-$ decays using a time-dependent Dalitz plot analysis. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	11
120	Front-End Performance and Charge Collection Properties of Heavily Irradiated DNW MAPS. <i>IEEE Transactions on Nuclear Science</i> , <b>2010</b> , 57, 1781-1789	1.7	11
119	Branching fraction measurements of the color-suppressed decays $B^0 \rightarrow D^{(*)0} \mu^+ \mu^-$ , $D^{(*)0} \rightarrow D^{(*)0} \mu^+ \mu^-$ and $D^{(*)0} \rightarrow D^{(*)0} \mu^+ \mu^-$ and measurement of the polarization in the decay $B^0 \rightarrow D^{*0} \mu^+ \mu^-$ . <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	11
118	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> , <b>2013</b> , 87,	4.9	10
117	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> , <b>2011</b> , 658, 141-144	1.2	10
116	Measurements of direct CP asymmetries in $B \rightarrow X_s \mu^+ \mu^-$ decays using sum of exclusive decays. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	9
115	Antideuteron production in $\Upsilon(nS)$ decays and in $e^+e^- \rightarrow q\bar{q}$ at $\sqrt{s} = 0.58$ GeV. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	9
114	Characterization of Bulk Damage in CMOS MAPS With Deep N-Well Collecting Electrode. <i>IEEE Transactions on Nuclear Science</i> , <b>2012</b> , 59, 900-908	1.7	9

113	Search for CP violation in the decays $D_{s1}^{\pm} \rightarrow K_S^0 K_{S1}^{\pm}$ , $D_{s1}^{\pm} \rightarrow K_S^0 K_{S1}^{\pm}$ , and $D_{s1}^{\pm} \rightarrow K_S^0 K_{S1}^{\pm}$ . <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	9
112	The SuperB silicon vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2011</b> , 636, S168-S172	1.2	9
111	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 <b>2008</b> ,		9
110	Measurement of the branching fractions of the radiative leptonic $B \rightarrow \gamma \ell^+ \ell^-$ decays at BABAR. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	8
109	Measurement of the integrated luminosity of the Phase 2 data of the Belle II experiment. <i>Chinese Physics C</i> , <b>2020</b> , 44, 021001	2.2	8
108	Observation of $B \rightarrow D^{(*)} \ell^+ \ell^-$ Decays in $e^+e^-$ Collisions at the $\Upsilon(4S)$ Resonance. <i>Physical Review Letters</i> , <b>2016</b> , 116, 041801	7.4	8
107	Measurement of the $B \rightarrow \mu^+ \mu^-$ branching fraction with semileptonically tagged B mesons. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	8
106	Search for the rare decays $B \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$ <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	8
105	Study of dipion bottomonium transitions and search for the $hb(1P)$ state. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	8
104	Branching fraction of $B_s^0 \rightarrow K_S^0 \ell^+ \ell^-$ decays. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	8
103	Search for resonances decaying to $\mu^+ \mu^-$ in two-photon interactions. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	8
102	SLIM5 beam test results for thin triplet detector and fast readout beam telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2010</b> , 617, 601-604	1.2	8
101	The associative memory for the self-triggered SLIM5 silicon telescope <b>2008</b> ,		8
100	Recent development on triple well 130 nm CMOS MAPS with in-pixel signal processing and data sparsification capability <b>2007</b> ,		8
99	The design and construction of the BaBar silicon vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2000</b> , 447, 15-25	1.2	8
98	Search for $B \rightarrow \gamma \ell^+ \ell^-$ decays of a Higgs boson produced in association with a fermion pair in $e^+e^-$ collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 487, 241-252	4.2	8
97	The PixFEL project: development of advanced X-ray pixel detectors for application at future FEL facilities. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, C02024-C02024	1	7
96	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> , <b>2013</b> , 716, 29-45	1.2	7

95	Search for a light Higgs resonance in radiative decays of the $\psi(1S)$ with a charm tag. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	7
94	Study of the $e^+e^-K^+K^-$ reaction in the energy range from 2.6 to 8.0 GeV. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	7
93	Search for direct CP violation in singly Cabibbo-suppressed $D^0 \rightarrow K^+K^-$ decays. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	7
92	Measurement of the mass of the $D^0$ meson. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	7
91	<b>2011</b> ,		7
90	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> , <b>2007</b> , 576, 103-108	1.2	7
89	Radiation hardness and monitoring of the BaBar vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2004</b> , 518, 290-294	1.2	7
88	A study for the detection of ionizing particles with phototransistors on thick high-resistivity silicon substrates. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2004</b> , 530, 98-104	1.2	7
87	Triple Well CMOS Active Pixel Sensor with In-Pixel Full Signal Analog		7
86	Production of excited beauty states in Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1995</b> , 69, 393-404		7
85	Measurement of initial-state-final-state radiation interference in the processes $e^+e^- \rightarrow \mu^+\mu^-$ and $e^+e^- \rightarrow \mu^+\mu^- \gamma$ . <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	6
84	$B^0$ meson decays to $D^+K^{*0}$ , $D^0K^{*0}$ , and $D^+K^{*+}$ , including higher $K^*$ resonances. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	6
83	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> , <b>2010</b> , 623, 195-197	1.2	6
82	Development of deep N-well monolithic active pixel sensors in a 0.13 $\mu\text{m}$ CMOS technology. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2007</b> , 572, 277-280	1.2	6
81	Design and characterization of integrated front-end transistors in a micro-strip detector technology. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2002</b> , 485, 193-198	1.2	6
80	The BaBar silicon vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2000</b> , 453, 78-83	1.2	6
79	Measurement of the $D^0$ and $B^0$ meson lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 492, 275-287	4.2	6
78	. <i>IEEE Transactions on Nuclear Science</i> , <b>1992</b> , 39, 701-706	1.7	6



77	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> , <b>2015</b> , 796, 2-7	1.2	5
76	Bottomonium spectroscopy and radiative transitions involving the $\text{B}(1P,2P)$ states at BaBar. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	5
75	Branching fractions and CP-violating asymmetries in radiative B decays to $\text{K}^0$ <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	5
74	Beam-test results of 4k pixel CMOS MAPS and high resistivity triplet 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> , <b>2017</b> , 582-590	1.2	5
73	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> , <b>2010</b> , 617, 321-323	1.2	5
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64	Measurements of the charged particle multiplicity distribution in restricted rapidity intervals. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1995</b> , 69, 15-25		4
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60	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> , <b>2013</b> , 718, 180-183 <sup>1.2</sup>	1.2	3

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55	Search for the decay modes $D^0 \rightarrow e^+ e^- D^0$ and $D^0 \rightarrow e^+ e^- \pi^0$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	3
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52	Search for mixing-induced CP violation using partial reconstruction of $B^0 \rightarrow D^{*+} X$ and kaon tagging. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	2
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43	Performance, radiation damage, and future plans of the BABAR silicon vertex tracker. <i>IEEE Transactions on Nuclear Science</i> , <b>2004</b> , 51, 2298-2301	1.7	2
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40	Study of $\tau(1S)$ radiative decays to $\mu\mu$ and $K+K$ <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	2
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20	Improved tau polarisation measurement. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1995</b> , 69, 183-193		1
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