

Alberto Lusiani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5686607/publications.pdf>

Version: 2024-02-01

369
papers

17,371
citations

41323

49
h-index

16636

123
g-index

385
all docs

385
docs citations

385
times ranked

12768
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Particle Physics. Physical Review D, 2018, 98, .	1.6	5,390
2	Measurement of the Positive Muon Anomalous Magnetic Moment to 0.46 ppm. Physical Review Letters, 2021, 126, 141801.	2.9	991
3	Evidence for an excess of $B \rightarrow \mu^+ \mu^- \tau^+ \tau^-$ decays. Physical Review Letters, 2017, 119, 131804.	2.9	731
4	Measurement of an excess of $B \rightarrow \mu^+ \mu^- \tau^+ \tau^-$ decays. Physical Review Letters, 2017, 119, 131804.	2.9	731
5	Test of lepton universality with $B \rightarrow K^* \mu^+ \mu^-$, $B \rightarrow K^* e^+ e^-$, $B \rightarrow K^* \tau^+ \tau^-$ decays. Journal of High Energy Physics, 2017, 2017, 1.	1.6	425
6	Search for a Dark Photon in $B \rightarrow K^* \mu^+ \mu^-$ decays. Physical Review Letters, 2014, 113, 201801.	2.9	410
7	Averages of b-hadron, c-hadron, and τ -lepton properties as of summer 2016. European Physical Journal C, 2017, 77, 1.	1.4	379
8	Angular analysis of the $B \rightarrow K^* \mu^+ \mu^- + \tau^+ \tau^-$ decay using 3 fb ⁻¹ of integrated luminosity. Journal of High Energy Physics, 2016, 2016, 1.	1.6	304
9	Flavor physics of leptons and dipole moments. European Physical Journal C, 2008, 57, 13-182.	1.4	297
10	The Physics of the B Factories. European Physical Journal C, 2014, 74, 1.	1.4	292
11	Search for Invisible Decays of a Dark Photon Produced in $B \rightarrow K^* \mu^+ \mu^-$ Collisions at $BaBar$. Physical Review Letters, 2017, 119, 131804.	2.9	272
12	Averages of b-hadron, c-hadron, and τ -lepton properties as of 2018. European Physical Journal C, 2021, 81, 1.	1.4	248
13	Precise measurement of the $B \rightarrow K^* \mu^+ \mu^-$ decay. Physical Review Letters, 2017, 119, 131804.	2.9	272

#	ARTICLE	IF	CITATIONS
19	Measurement of the anomalous precession frequency of the muon in the Fermilab Muon $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:mi} \rangle \text{g} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\alpha} \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$ Experiment. Physical Review D, 2021, 103, .	1.6	105
20	Measurements of prompt charm production cross-sections in pp collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	100
21	Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ branching fraction and $B \rightarrow K^* \ell^+ \ell^-$ angular distribution at the PEP-II $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle - \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ collider. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators	1.6	97
22	Study of the reaction $B \rightarrow K^* \ell^+ \ell^-$ initial-state radiation at $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\alpha}$ BABAR. Physical Review D, 2012, 86, .	1.6	87
23	Measurement of Collins asymmetries in inclusive production of charged pion pairs in $B \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review D, 2014, 89, .	1.6	80
24	Precision Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ Energy Spectrum, Branching Fraction, and Direct $B \rightarrow K^* \ell^+ \ell^-$ Asymmetry. Physical Review D, 2014, 89, .	2.9	78
25	Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ Energy Spectrum, Branching Fraction, and Direct $B \rightarrow K^* \ell^+ \ell^-$ Asymmetry. Physical Review D, 2014, 89, .	2.9	78
26	Study of the reaction $B \rightarrow K^* \ell^+ \ell^-$ Energy Spectrum, Branching Fraction, and Direct $B \rightarrow K^* \ell^+ \ell^-$ Asymmetry. Physical Review D, 2014, 89, .	1.6	77
27	Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ Energy Spectrum, Branching Fraction, and Direct $B \rightarrow K^* \ell^+ \ell^-$ Asymmetry. Physical Review D, 2014, 89, .	1.6	77
28	Measurements of the S-wave fraction in $B \rightarrow K^* \ell^+ \ell^-$ decays and the $B \rightarrow K^* \ell^+ \ell^-$ differential branching. Journal of High Energy Physics, 2016, 2016, 1.	1.6	75
29	Study of $B \rightarrow K^* \ell^+ \ell^-$ two-photon collisions. Physical Review D, 2012, 86, .	1.6	74
30	Measurement of the charged particle multiplicity distribution in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 273, 181-192.	1.5	72
31	Evidence of $B \rightarrow K^* \ell^+ \ell^-$ decays with hadronic Btags. Physical Review D, 2013, 88, .	1.6	72
32	Improved measurements of electroweak parameters from Z decays into fermion pairs. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 1-20.	1.5	70
33	Search for Low-Mass Dark-Sector Higgs Bosons. Physical Review Letters, 2012, 108, 211801.	2.9	70
34	Branching fraction and form-factor shape measurements of exclusive charmless semileptonic $B \rightarrow K^* \ell^+ \ell^-$ decays, and determination of $B \rightarrow K^* \ell^+ \ell^-$ angular distribution at the PEP-II collider. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators	1.6	65
35	Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ Energy Spectrum, Branching Fraction, and Direct $B \rightarrow K^* \ell^+ \ell^-$ Asymmetry. Physical Review D, 2012, 86, .	1.6	63
36	Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ Energy Spectrum, Branching Fraction, and Direct $B \rightarrow K^* \ell^+ \ell^-$ Asymmetry. Physical Review D, 2013, 88, .	1.6	63

#	ARTICLE	IF	CITATIONS
37	Performance of the ALEPH Time Projection Chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 306, 446-458.	0.7	62
38	Measurement of the strong coupling constant using $\tilde{\Gamma}_c$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 307, 209-220.	1.5	61
39	Measurement of the strong coupling constant using $\tilde{\Gamma}_c$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 307, 209-220.	1.5	61
40	Measurement of forward J/ψ production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	60
41	Search for Hadronic Decays of a Light Higgs Boson in the Radiative Decay $\gamma \rightarrow \tau^+ \tau^-$. Physical Review Letters, 2011, 107, 221803.	2.9	55
42	Measurement of Γ_{had} in hadronic Z decays using all-orders resummed predictions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 284, 163-176.	1.5	54
43	A study of ρ decays involving η and ω mesons. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 263-273.	1.5	54
44	Study of the $D^0 \rightarrow p \pi^0$ amplitude in $\bar{b} \rightarrow c \bar{c} s$ decays. Journal of High Energy Physics, 2017, 2017, 116	1.6	54
45	Search for massive long-lived particles decaying semileptonically in the LHCb detector. European Physical Journal C, 2017, 77, 224.	1.4	54
46	Magnetic-field measurement and analysis for the Muon g-2 Experiment at Fermilab. Physical Review A, 2021, 103, .	1.4	54
47	Exclusive measurements of $B \rightarrow \tau^+ \tau^-$ transition rate and photon energy spectrum. Physical Review D, 2012, 86, .	1.4	51
48	Measurement of the phase difference between short- and long-distance amplitudes in the $B^+ \rightarrow K^+ \pi^0 \pi^0$ decay. European Physical Journal C, 2017, 77, 161.	1.4	51
49	Production of charged pions, kaons, and protons in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	50
50	Study of prompt D^0 meson production in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	49
51	Study of prompt D^0 meson production in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	45
52	Cross sections for the reactions $p + p \rightarrow p + p + \pi^0$. Physical Review D, 2014, 89, .	1.6	44
53	Production and decay of charmed mesons at the Z resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 266, 218-230.	1.5	43
54	Searches for rare or forbidden semileptonic charm decays. Physical Review D, 2011, 84, .	1.6	42

#	ARTICLE	IF	CITATIONS
55	Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$. <i>Physical Review Letters</i> , 2017, 118, 031802.	1.6	42
56	Measurement of the D^0 and D^+ meson lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993, 307, 194-208.	1.5	41
57	Measurement of C and P asymmetries and branching fractions in charmless two-body B -meson decays to pions and kaons. <i>Physical Review D</i> , 2013, 87, .	1.6	41
58	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2017, 77, 812.	1.4	41
59	Study of $B \rightarrow K^* \ell^+ \ell^-$ decays. <i>Physical Review D</i> , 2015, 91, .	1.6	40
60	Search for CP violation in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 297, 459-468.	1.5	39
61	Measurement of $B \rightarrow K^* \ell^+ \ell^-$ decays. <i>Physical Review D</i> , 2015, 91, .	1.6	39
62	Search for beautiful tetraquarks in the $\Upsilon(1S)$ invariant-mass spectrum. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	39
63	Measurement of the forward-backward asymmetry in $Z \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ decays and determination of the effective weak mixing angle. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	37
64	Production of associated Υ and open charm hadrons in pp collisions at $\sqrt{s} = 7$ and 8 TeV via double parton scattering. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	37
65	Evidence for b baryons in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 278, 209-216.	1.5	36
66	Search for $B \rightarrow K^* \ell^+ \ell^-$ decays at the $BaBar$ Experiment. <i>Physical Review Letters</i> , 2017, 118, 031802.	2.9	35
67	Search for the doubly charmed baryon Ξ_{cc}^{++} . <i>Science China: Physics, Mechanics and Astronomy</i> , 2020, 63, 1.	2.0	35
68	Observation of the semileptonic decays of B^0 and B^+ hadrons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 294, 145-156.	1.5	34
69	Search for the decay modes $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow K^* \ell^+ \ell^-$. <i>Physical Review D</i> , 2012, 86, .	1.6	34
70	Measurement of D^0 mixing and CP violation in two-body D^0 decays. <i>Physical Review D</i> , 2013, 87, .	1.6	34
71	Search for Long-Lived Particles in e^+e^- collisions. <i>Physical Review Letters</i> , 2015, 114, 171801.	2.9	34
72	Measurement of the J/ψ pair production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	34

#	ARTICLE	IF	CITATIONS
73	Angular moments of the decay $\hat{b} \rightarrow \hat{c} \hat{u} \hat{d}$ at low hadronic recoil. Journal of High Energy Physics, 2018, 2018, 1.	1.6	34
74	Search for $C \rightarrow P$ violation in the decay $\hat{a} \rightarrow \hat{c} \hat{u} \hat{d}$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	33
75	Meson Width and the $\hat{a} \rightarrow \hat{c} \hat{u} \hat{d}$ decay. Journal of High Energy Physics, 2010, 2010, 1.	2.9	33
76	Observation of direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle $\hat{\beta}^{\text{CP}}$ in $\hat{B}^0 \rightarrow \hat{K}^* \hat{A}^0$ decays. Physical Review D, 2013, 87, .	1.6	33
77	Precision measurement of the χ_{cc}^{++} mass. Journal of High Energy Physics, 2020, 2020, 1.	1.6	33
78	Measurements of mean lifetime and branching fractions of b hadrons decaying to J/ψ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 295, 396-408.	1.5	32
79	Predicting the $\hat{B}^0 \rightarrow \hat{c} \hat{u} \hat{d}$ strange branching ratios and implications for V_{us} . Journal of High Energy Physics, 2013, 2013, 1.	1.6	32
80	Dalitz plot analyses of $\hat{B}^0 \rightarrow \hat{c} \hat{u} \hat{d}$ decays. Physical Review D, 2015, 91, .	1.6	32
81	Beam dynamics corrections to the Run-1 measurement of the muon anomalous magnetic moment at Fermilab. Physical Review Accelerators and Beams, 2021, 24, .	0.6	32
82	Measurement of the production rates of \hat{b} and \hat{c} in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 292, 210-220.	1.5	31
83	Evidence for the triple-gluon vertex from measurements of the QCD colour factors in Z decay into four jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 284, 151-162.	1.5	31
84	Search for a low-mass scalar Higgs boson decaying to a tau pair in single-photon decays of $\hat{\Upsilon}(1S)$. Physical Review D, 2013, 88, .	1.6	31
85	Test of lepton universality with $\Lambda_b \rightarrow p \ell \bar{\nu}_\ell$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	31
86	Forward production of $\hat{\Upsilon}$ mesons in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
87	A measurement of the b baryon lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 297, 449-458.	1.5	29
88	Measurement of the CKM angle $\hat{\beta}$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	1.6	29
89	Measurement of angular asymmetries in the decays $\hat{B}^0 \rightarrow \hat{K}^* \hat{A}^0$. Physical Review D, 2016, 93, .	1.6	29
90	Near-threshold $\overline{D}^* D$ spectroscopy and observation of a new charmonium state. Journal of High Energy Physics, 2019, 2019, 1.	1.6	29

#	ARTICLE	IF	CITATIONS
91	Measurement of the hadronic photon structure function at LEP 1 for Q^2 values between 9.9 and 284 GeV ² . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 458, 152-166.	1.5	28
92	Amplitude analysis of $B \rightarrow 0$ evidence of direct CP violation in $B \rightarrow C$ decays. Physical Review D, 2011, 83, .	1.6	28
93	Study of the resonance structure in $D \rightarrow 0$ decay branching fraction as a function of $D \rightarrow 0$ decays. Physical Review D, 2015, 91, .	1.6	28
94	Studies of the resonance structure in $D \rightarrow K^+ \pi^+ \pi^+ \pi^0$ decays. European Physical Journal C, 2018, 78, 443.	1.4	28
95	Measurement of mixing at the Z using a jet-charge method. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 284, 177-190.	1.5	27
96	Search for lepton-number violating processes in $B \rightarrow l^+ l^- l^+ l^-$ decays. Physical Review D, 2012, 85, .	1.6	27
97	Measurement of isolated photon production in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 264, 476-486.	1.5	26
98	Updated measurement of the average b hadron lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 295, 174-186.	1.5	26
99	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664.	1.4	26
100	The SLIM5 low mass silicon tracker demonstrator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 623, 942-953.	0.7	25
101	Search for lepton-number violating $B \rightarrow \tau^+ X^-$ decays. Physical Review D, 2014, 89, .	1.6	25
102	Measurement of Tau branching ratios. Zeitschrift für Physik C-Particles and Fields, 1992, 54, 211-228.	1.5	24
103	An investigation into intermittency. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 21-32.	1.5	24
104	Update of electroweak parameters from Z decays. Zeitschrift für Physik C-Particles and Fields, 1993, 60, 71-81.	1.5	24
105	Study of high-multiplicity three-prong and five-prong $B \rightarrow l^+ l^- l^+ l^-$ decays at BABAR. Physical Review D, 2012, 86, .	1.6	24
106	Search for CP violation in $B \rightarrow B^0$ mixing using partial reconstruction of $B \rightarrow D^* X$ and a Kaon Tag. Physical Review Letters, 2013, 111, 101802.	2.9	24
107	Dalitz plot analysis of $B \rightarrow C K$ decays. Physical Review D, 2014, 89, .	1.6	24
108	Observations of $B \rightarrow 0$ and $B \rightarrow K + K$ decays and searches for other $B \rightarrow 0$ and $B \rightarrow 0$ decays to final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24

#	ARTICLE	IF	CITATIONS
109	Extraction of form Factors from a Four-Dimensional Angular Analysis of $B \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review Letters, 2019, 123, 091801.	2.9	24
110	Initial-state radiation measurement of the $e^+e^- \rightarrow \tau^+\tau^- \gamma$ cross section. Physical Review D, 2012, 85, .	1.6	23
111	Search for the decay $D^0 \rightarrow \pi^+ \pi^-$ and measurement of the branching fraction for $D^0 \rightarrow \pi^+ \pi^-$. Physical Review D, 2012, 85.	1.6	23
112	Collins asymmetries in inclusive charged $B \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review D, 2012, 85.	1.6	23
113	Measurement of the forward Z boson production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	23
114	Proposal of a data sparsification unit for a mixed-mode MAPS detector. , 2007, , .		22
115	Measurement of the spectral function for the $B \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review D, 2012, 85.	1.6	22
116	Measurement of the tau lepton lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 279, 411-421.	1.6	22
117	Search for particles with unexpected mass and charge in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 303, 198-208.	1.5	21
118	A precise measurement of the B^0 meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	1.4	21
119	Search for the lepton-flavour violating decays $B^0 \rightarrow s \ell^+ \ell^-$. Journal of High Energy Physics, 2018, 2018, 1.		21
120	Measurement of the absolute luminosity with the ALEPH detector. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 375-390.	1.5	20
121	Evidence for the decay $B^0 \rightarrow \pi^+ \pi^-$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
122	Updated measurement of time-dependent CP-violating observables in $B^0 \rightarrow \pi^+ \pi^-$ decays. European Physical Journal C, 2019, 79, 1.	1.4	20
123	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, , .		19
124	Amplitude analysis and measurement of the time-dependent $B \rightarrow K^* \ell^+ \ell^-$ asymmetry. Physical Review D, 2012, 85.	1.6	19
125	Resonances and CP violation in $B \rightarrow K^* \ell^+ \ell^-$ decays in the mass region above the $\psi(1020)$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	19
126			

#	ARTICLE	IF	CITATIONS
145	Study of $\bar{\nu}$ production in pPb collisions at $\sqrt{s_{\mathrm{NN}}}=8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	16
146	Study of the reactions $e^+e^- \rightarrow \mu^+\mu^- + \nu\bar{\nu}$. Physical Review D, 2018, 98, .	1.6	16
147	Measurement of the $\mu^+\mu^- \rightarrow \mu^+\mu^- + \nu\bar{\nu}$ transition form factor. Physical Review D, 2018, 98, .	1.6	16
148	Three-prong. European Physical Journal C, 1998, 1, 65.	1.4	16
149	The BaBar silicon-vertex tracker: performance, running experience, and radiation-damage studies. IEEE Transactions on Nuclear Science, 2002, 49, 3284-3289.	1.2	15
150	The superB silicon vertex tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 585-587.	0.7	15
151	Study of $\bar{\nu}(3S,2S) \rightarrow \bar{\nu}(1S)$ and $\nu(3S,2S) \rightarrow \nu(1S)$ hadronic transitions. Physical Review D, 2011, 84, .	1.6	15
152	Branching fraction measurement of $B^+ \rightarrow \pi^0 \pi^+ \ell^+ \ell^-$ decays. Physical Review D, 2013, 87, . Search for a light Higgs boson decaying to two gluons or	1.6	15
153	$s\bar{s}$ in the radiative decays of $\bar{\nu}(3S,2S) \rightarrow \bar{\nu}(1S)$		

#	ARTICLE	IF	CITATIONS
163	Study of radiative bottomonium transitions using converted photons. Physical Review D, 2011, 84, .	1.6	14
164	Thin pixel development for the SuperB silicon vertex tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 650, 169-173.	0.7	14
165	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^-$ and $D_s^+ \rightarrow K^+ K^-$ decays. Physical Review D, 2011, 84, .	1.6	14
166	First Observation of $B \rightarrow K^* \mu^+ \mu^-$ Violation in $B \rightarrow K^* \mu^+ \mu^-$ decays. Physical Review D, 2011, 84, .	2.9	14
167	Measurement of the $B \rightarrow K^* \mu^+ \mu^-$ branching fraction and $B \rightarrow K^* \mu^+ \mu^-$ CP asymmetry. Physical Review D, 2011, 84, .	2.9	14
168	Study of $\bar{\Lambda}(2S)$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	14
169	Electron beam test of key elements of the laser-based calibration system for the muon g - 2 experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 842, 86-91.	0.7	14
170	Prompt $\bar{b} + c$ production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
171	The laser-based gain monitoring system of the calorimeters in the Muon $g - 2$ experiment at Fermilab. Journal of Instrumentation, 2019, 14, P11025-P11025.	0.5	14
172	Search for CP violation in $B \rightarrow K^* \mu^+ \mu^-$ decays using model-independent techniques. European Physical Journal C, 2020, 80, 1.	1.4	14
173	Measurement of the Tau Lepton Lifetime with BaBar. Nuclear Physics, Section B, Proceedings Supplements, 2005, 144, 105-112.	0.5	13
174	The associative memory for the self-triggered SLIM5 silicon telescope. , 2008, , .		13
175	Measurement of $B \rightarrow K^* \mu^+ \mu^-$ violating asymmetries in $B \rightarrow K^* \mu^+ \mu^-$ decays. Physical Review D, 2011, 84, .	1.6	13
176	Study of the $B \rightarrow K^* \mu^+ \mu^-$ CP asymmetry in the energy range from 2.6 to 8.0 GeV. Physical Review D, 2015, 92, .	1.6	13
177	Measurement of initial-state $B \rightarrow K^* \mu^+ \mu^-$ radiation interference in the processes $B \rightarrow K^* \mu^+ \mu^-$. Physical Review D, 2015, 92, .	1.6	13
178	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	13
179	Measurement of the ratio of branching fractions $\hat{a}_{\mu^+ \mu^-} / \hat{a}_{\mu^+ \mu^-}$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
180	Time-dependent analysis of $B \rightarrow K^* \mu^+ \mu^-$ and studies of the $B \rightarrow K^* \mu^+ \mu^-$ CP asymmetry. Physical Review D, 2016, 93, .	1.6	13

#	ARTICLE	IF	CITATIONS
181	Study of D_{s1}^* mesons decaying to $D^* K S^0$ and $D^* K^+ K^-$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
182	Measurement of CP asymmetry in $B^0 \rightarrow K^* K^{\pm}$ decays. Journal of High Energy Physics, 2018, 2018, 1.6	1.6	13
183	Measurement of $\tilde{\chi}^0$ production in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
184	Resonances in $e^+e^- \rightarrow \mu^+\mu^-$ annihilation near 2.2 GeV. Physical Review D, 2020, 101, .	1.6	13
185	The design and construction of the BaBar silicon vertex tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 447, 15-25.	0.7	12
186	Recent development on triple well 130 nm CMOS MAPS with in-pixel signal processing and data sparsification capability. , 2007, , .		12
187	Search for $B^0 \rightarrow K^* K^{\pm}$ decays. Physical Review D, 2011, 84, .	1.6	12
188	Measurement of the semileptonic branching fraction of the $B^0 \rightarrow K^* K^{\pm}$ meson. Physical Review D, 2012, 85, .	1.6	12
189	Search for decays of neutral beauty mesons into four muons. Journal of High Energy Physics, 2017, 2017, 1.	1.6	12
190	Measurement of the inelastic pp cross-section at a centre-of-mass energy of 13 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
191	Amplitude analysis of $B^0 \rightarrow K^* K^{\pm}$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12
192	Measurement of the semileptonic branching fraction of the $B^0 \rightarrow K^* K^{\pm}$ meson decays to $B^0 \rightarrow K^* K^{\pm}$. Physical Review D, 2012, 85, .	1.6	11
193	Search for CP violation in the decays $D^0 \rightarrow K^* K^{\pm}$, $D_s^0 \rightarrow K^* K^{\pm}$, and $D_s^0 \rightarrow K^* K^{\pm}$. Physical Review D, 2013, 87, .		11
194	Measurements of direct CP asymmetries in $B^0 \rightarrow X_s^0$ decays using sum of exclusive decays. Physical Review D, 2014, 90, .	1.6	11
195	Measurement of the $B^0 \rightarrow K^* K^{\pm}$ branching fraction and search for the decay $B^0 \rightarrow K^* K^{\pm}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	11
196	New algorithms for identifying the flavour of B^0 mesons using pions and protons. European Physical Journal C, 2017, 77, 238.	1.4	11
197	First measurement of the CP-violating phase $\phi_{d\bar{d}}$ in $B^0 \rightarrow K^* K^{\pm}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
198	Search for CP violation using triple product asymmetries in $B^0 \rightarrow K^* K^{\pm}$ and $B^0 \rightarrow K^* K^{\pm}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11

#	ARTICLE	IF	CITATIONS
199	First observation of $B \rightarrow D s + K \bar{K}^0$ decays and a search for $B \rightarrow D s + \bar{K}^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
200	Amplitude analysis of the $B_{(s)} \rightarrow K^* \bar{K}^0$ decays and measurement of the branching fraction of the $B \rightarrow K^* \bar{K}^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
201	Measurements of CP asymmetries in charmless four-body Λ_b^0 and Ξ_b^0 decays. European Physical Journal C, 2019, 79, 1.	1.4	11
202	Search for the rare decay $B^+ \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu$. European Physical Journal C, 2019, 79, 1.	1.4	11
203	A search for $\Xi_{cc}^{++} \rightarrow D^+ p \bar{K}^0$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
204	Feasibility studies of microelectrode silicon detectors with integrated electronics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 478, 372-376.	0.7	10
205	SLIM5 beam test results for thin striplet detector and fast readout beam telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 601-604.	0.7	10
206	Branching fraction of $B \rightarrow \mu^+ \mu^-$ decays. Physical Review D, 2012, 86, .	1.6	10
207	Publisher's Note: Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Upsilon(1S)$ [Phys. Rev. D87, 031102(R) (2013)]. Physical Review D, 2013, 87, . Measurement of the branching fractions of the radiative leptonic	1.6	10
208	Measurement of the branching fractions of the radiative leptonic $B \rightarrow \mu^+ \mu^- e \bar{\nu}_e$ decays	1.6	10
209	Evidence for the two-body charmless baryonic decay $B \rightarrow \mu^+ p \bar{\Lambda}^-$	1.6	10
210	Study of $b \rightarrow b$ correlations in high energy proton-proton collisions. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
211	Search for a dimuon resonance in the Υ mass region. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
212	Measurement of branching fractions of charmless four-body $\hat{b} \rightarrow b^0$ and $\hat{b} \rightarrow b^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
213	Dalitz plot analysis of the $D^+ \rightarrow \mu^+ K^* K^+$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
214	Search for a Stable Six-Quark State at BABAR. Physical Review Letters, 2019, 122, 072002.	2.9	10
215	Performance of the Muon \hat{g}^2 calorimeter and readout systems measured with test beam data. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 945, 162558.	0.7	10
216	Search for the doubly charmed baryon $\hat{\Sigma}^{++}$. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	2.0	10

#	ARTICLE	IF	CITATIONS
217	TPC90, a test model for the ALEPH time projection chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1986, 252, 392-398.	0.7	9
218	The BaBar silicon vertex tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 453, 78-83.	0.7	9
219	Development of deep N-well monolithic active pixel sensors in a CMOS technology. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 277-280.	0.7	9
220	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. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 596-600.	0.7	9
221	The SuperB silicon vertex tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 636, S168-S172.	0.7	9
222	Measurements of branching fractions and asymmetries and studies of angular distributions for Cabibbo-suppressed $B \rightarrow C P$ violation in singly $B \rightarrow \hat{t} \bar{t}$ decays. Physical Review D, 2011, 84, 014013.	1.6	9
223	Measurement of the $B \rightarrow \hat{t} \bar{t}$ branching fraction with semileptonically tagged B mesons. Physical Review D, 2013, 88, .	1.6	9
224	Measurement of the mass of the D_0 meson. Physical Review D, 2013, 88, .	1.6	9
225	Search for the rare decays $B \rightarrow \hat{t} \bar{t} \gamma$, $B \rightarrow \hat{t} \bar{t} \gamma \gamma$ and $B \rightarrow \hat{t} \bar{t} \gamma \gamma \gamma$. Physical Review D, 2013, 88, .	1.6	9
226	Model-independent measurement of the CKM angle $\hat{\Gamma}^3$ using $B \rightarrow \hat{t} \bar{t} D K \rightarrow 0$ decays with $D \rightarrow \hat{t} \bar{t} K S$ and $K \rightarrow 0 K \hat{t} \bar{t}$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	9
227	Measurement of the $\hat{t} \bar{t} \hat{t} \bar{t}$ S-wave amplitude from Dalitz plot analyses of $\hat{t} \bar{t} \hat{t} \bar{t}$ in two-photon interactions. Physical Review D, 2016, 93, .	1.6	9
228	Measurement of the neutral D meson mixing parameters in a time-dependent amplitude analysis of the $D \rightarrow \hat{t} \bar{t} \hat{t} \bar{t}$ decay. Physical Review D, 2016, 93, .	1.6	9
229	Dalitz plot analyses of $J/\psi \rightarrow \hat{t} \bar{t} \hat{t} \bar{t}$ decays. Physical Review D, 2017, 95, .	1.6	9
230	Bose-Einstein correlations of same-sign charged pions in the forward region in pp collisions at $s = 7 \sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
231	Measurement of the Y(nS) polarizations in pp collisions at $s = 7 \sqrt{s} = 7$ TeV and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
232	Search for lepton-flavour-violating decays of Higgs-like bosons. European Physical Journal C, 2018, 78, 1008.	1.4	9
233	Search for long-lived particles decaying to $e \mu$ or $e \nu$. European Physical Journal C, 2021, 81, 1.	1.4	9

#	ARTICLE	IF	CITATIONS
235	Study of dipion bottomonium transitions and search for the χ_{c0} state. <i>Physical Review D</i> , 2012, 86, .	1.6	8
236	Search for resonances decaying to $\pi^+\pi^-\pi^0$ and $\pi^+\pi^-\eta$ in $B^0 \rightarrow \pi^+\pi^-\pi^0$ and $B^0 \rightarrow \pi^+\pi^-\eta$ decays. <i>Physical Review D</i> , 2012, 86, .	1.6	8
237	Search for a light Higgs resonance in radiative decays of the $\psi(1S)$ with a charm tag. <i>Physical Review D</i> , 2015, 91, .	1.6	8
238	Measurement of the $e^+e^- \rightarrow \pi^+\pi^-\pi^0$ and $e^+e^- \rightarrow \pi^+\pi^-\eta$ cross sections using initial-state radiation. <i>Physical Review D</i> , 2017, 95, .	1.6	8
239	First Evidence for $\cos^2 \theta_{13}$ and Resolution of the Cabibbo-Kobayashi-Maskawa Quark-Mixing Unitarity Triangle Ambiguity. <i>Physical Review Letters</i> , 2018, 121, 261801.	2.9	8
240	Observation of the decay $B^0 \rightarrow \pi^+\pi^-\pi^0$. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	8
241	Improved measurement of the B^0 and B^+ meson lifetimes. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996, 71, 31-44.	1.5	8
242	The spatial resolution of the ALEPH TPC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1989, 283, 573-577.	0.7	7
243	Study of a fast trigger system on beauty events at fixed target and colliders. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1990, 289, 539-542.	0.7	7
244	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> , 2004, 518, 290-294.	0.7	7
245	Triple Well CMOS Active Pixel Sensor with In-Pixel Full Signal Analog. , 0, , .		7
246	Branching fractions and CP-violating asymmetries in radiative B decays to $\hat{K}^* K^3$. <i>Physical Review D</i> , 2009, 79, .	1.6	7
247	Deep n-well MAPS in a 130nm 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.	0.7	7
248	Evidence for the baryonic decay $B^0 \rightarrow \pi^+\pi^-\pi^0$. <i>Physical Review D</i> , 2014, 89, .	1.6	7
249	Measurement of CP observables in $B^0 \rightarrow \pi^+\pi^-\pi^0$ and $B^0 \rightarrow \pi^+\pi^-\eta$ decays using two- and four-body D final states. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	7
250	Evidence for χ_{c0} violation in $B^0 \rightarrow \pi^+\pi^-\pi^0$ decays. <i>Physical Review D</i> , 2017, 95, .	1.6	7
251	The laser control of the muon $g-2$ experiment at Fermilab. <i>Journal of Instrumentation</i> , 2018, 13, T02009-T02009.	0.5	7
252	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow \pi^+\pi^-\pi^0$ and $D^0 \rightarrow \pi^+\pi^-\eta$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	7

#	ARTICLE	IF	CITATIONS
253	Study of the $B_0 \rightarrow \bar{c} \ell \nu$ decay with an amplitude analysis of $B_0 \rightarrow \bar{c} \ell \nu$ ($K \rightarrow \bar{c} \ell \nu$) decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
254	Observation of the $\Lambda_b^0 \rightarrow \bar{c} \ell \nu$ (3872) $p \bar{K}^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
255	Search for CP violation through an amplitude analysis of $D_0 \rightarrow K^+ K^- \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
256	Observation of the Decay $D^0 \rightarrow \bar{c} \ell \nu$ (3872) $p \bar{K}^0$ decay. Physical Review Letters, 2019, 122, 081802.	2.9	7
257	The FASTBUS readout system for the Aleph time projection chamber. IEEE Transactions on Nuclear Science, 1989, 36, 1514-1517.	1.2	6
258	Search for a very light CP-odd neutral Higgs boson of the MSSM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 285, 309-318.	1.5	6
259	Mass limit for the lightest neutralino. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 549-559.	1.5	6
260	Development of 130nm CMOS Monolithic Active Pixels with In-pixel Signal Processing. , 2006, , .		6
261	The high rate data acquisition system for the SLIM5 beam test. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 321-323.	0.7	6
262	Measurement of the $B_0 \rightarrow D^* \ell^+ \ell^-$ branching fraction. Physical Review D, 2016, 94, .	1.6	6
263	Measurement of $Z \rightarrow \bar{c} c$ production in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	6
264	Study of $B^0 \rightarrow \bar{c} \ell \nu$ (3872) $p \bar{K}^0$ decay and search for the $B^0 \rightarrow \bar{c} \ell \nu$ decay. Physical Review Letters, 2019, 122, 081802.	1.6	6
265	Measurement of CP violation in the $B_s^0 \rightarrow \phi \phi$ decay and search for the $B^0 \rightarrow \bar{c} \ell \nu$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6
266	Search for $B^0 \rightarrow \bar{c} \ell \nu$ (3872) $p \bar{K}^0$ decay with the BaBar experiment. Physical Review D, 2019, 100, .	1.6	6
267	Search for lepton-flavor-violating decays $D^0 \rightarrow \bar{c} \ell \nu$ (3872) $p \bar{K}^0$ decay. Physical Review Letters, 2019, 122, 081802.	1.6	6
268	Precision Measurement of the Ratio $B \rightarrow \bar{c} \ell \nu$ (3872) $p \bar{K}^0$ decay. Physical Review Letters, 2019, 122, 081802.		

#	ARTICLE	IF	CITATIONS
271	Performance, radiation damage, and future plans of the BABAR silicon vertex tracker. IEEE Transactions on Nuclear Science, 2004, 51, 2298-2301.	1.2	5
272	BaBar silicon vertex tracker: Status and prospects. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 569, 1-4.	0.7	5
273	Measurement of the time-dependent CP asymmetry of partially reconstructed $B^0 \rightarrow D^{*+} D^{*-}$ decays. Physical Review D, 2012, 86, .	1.6	5
274	Recent developments on CMOS MAPS for the SuperB Silicon Vertex Tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 283-287.	0.7	5
275	Study of the decay $B^0 \rightarrow \pi^+ \pi^- \rho^0$ and its intermediate states. Physical Review D, 2013, 87, .	1.6	5
276	Bottomonium spectroscopy and radiative transitions involving the χ_{c0} state. Physical Review D, 2013, 87, .		

#	ARTICLE	IF	CITATIONS
289	Measurement of forward top pair production in the dilepton channel in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
290	Measurement of CP violation in $B_0 \rightarrow D_s^{\pm} \ell^{\pm} \ell^{\mp}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
291	Status and progress of the HFLAV-Tau group activities. EPJ Web of Conferences, 2019, 218, 05002.	0.1	4
292	HFLAV $B \rightarrow \tau \nu$ branching fractions fit and measurements of V_{us} with $B \rightarrow \tau \nu$ lepton data. , 2019, .		4
293	Muon $g-2$, Current Experimental Status and Future Prospects. Acta Physica Polonica B, 2018, 49, 1247.	0.3	4
294	Observation of the semileptonic decay $B^0 \rightarrow \rho^+ \mu^- \mu^+$. Journal of High Energy Physics, 2020, 2020, .	1.6	4
295	The BaBar Silicon Vertex Tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 461, 162-167.	0.7	3
296	Status and future plans of the BABAR Silicon Vertex Tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 511, 1-5.	0.7	3
297	Status and prospects of the BaBar SVT. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 560, 5-8.	0.7	3
298	Observation of the baryonic decay $B^0 \rightarrow \rho^+ \rho^- K^+$. Physical Review D, 2011, 84, .	1.6	3
299	Functional test of a Radon sensor based on a high-resistivity-silicon BJT detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 302-304.	0.7	3
300	The front-end chip of the SuperB SVT detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 180-183.	0.7	3
301	Observation of the baryonic decay $B^0 \rightarrow \rho^+ \rho^- K^+$. Physical Review D, 2015, 91, .	1.6	3
302	Search for mixing-induced $B^0 \rightarrow \rho^+ \rho^- K^+$ violation using partial reconstruction of $B^0 \rightarrow \rho^+ \rho^- K^+$. Physical Review D, 2017, 95, 012004.	1.6	3
303	Geant4 simulations of the lead fluoride calorimeter. Nuclear Instruments & Methods in Physics Research B, 2017, 402, 256-262.	0.6	3
304	Search for the $B_s \rightarrow \rho^+ \rho^- K^+$ decay. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
305	HFAG 2016 and PDG 2016 $B \rightarrow \tau \nu$ lepton averages and $ V_{us} $ determination from $B \rightarrow \tau \nu$ data. Nuclear and Particle Physics Proceedings, 2017, 287-288, 29-32.	0.2	3
306	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B^0 \rightarrow \rho^+ \rho^- K^+$ and $B^0 \rightarrow \rho^+ \rho^- K^+$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3

#	ARTICLE	IF	CITATIONS
307	Measurement of the branching fraction and CP asymmetry in $B^+ \rightarrow J/\psi \{h^0\}^+ \{h^0\}^+$ decays. European Physical Journal C, 2019, 79, 1.	1.4	3
308	Management and control of the read out processors (TPPs) of the Aleph time projection chamber. IEEE Transactions on Nuclear Science, 1989, 36, 1459-1463.	1.2	2
309	Gas system for ALEPH TPC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1990, 289, 176-184.	0.7	2
310	The BaBar Silicon Vertex Tracker: performance and radiation damage studies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 530, 7-11.	0.7	2
311	Radiation damage studies for the BaBar Silicon Vertex Tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 549, 11-15.	0.7	2
312	A new approach to the design of monolithic active pixel detectors in triple well CMOS technology. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 569, 61-64.	0.7	2
313	Vertex detector concept for a SuperB factory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 582, 811-813.	0.7	2
314	On-Chip Fast Data Sparsification for a Monolithic 4096-Pixel Device. IEEE Transactions on Nuclear Science, 2009, 56, 1159-1162.	1.2	2
315	Tests of T and CPT symmetries at the B-factories. Journal of Physics: Conference Series, 2009, 171, 012037.	0.3	2
316	Tau Physics at SuperB. Nuclear Physics, Section B, Proceedings Supplements, 2011, 218, 335-340.	0.5	2
317	Publisher's Note: Study of radiative bottomonium transitions using converted photons [Phys. Rev. D, 2011, 84, 072002 (2011)]. Physical Review D, 2011, 84, .	1.6	2
318	Search for new $\tilde{\chi}_0^0$ -like particles produced in association with $\tilde{\nu}_\tau$ -lepton pair. Physical Review D, 2014, 90, .	1.6	2
319	The Fermilab Muon g-2 experiment: laser calibration system. Journal of Instrumentation, 2017, 12, C08019-C08019.	0.5	2
320	Measurement of the $D^*(2010)^+ \rightarrow D^+ \pi^0$ Mass Difference. Physical Review Letters, 2017, 119, 202003.	2.9	2
321	Measurement of the CP asymmetry in $B^+ \rightarrow \pi^+ \pi^0 \pi^0$ and $B^+ \rightarrow \pi^+ \pi^0 \pi^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	2
322	Measurement of the branching fractions of the decays $B^+ \rightarrow \pi^+ \pi^0 \pi^0$, ($n = 0, 1, 2, 3$) and $B^+ \rightarrow \pi^+ \pi^0 \pi^0 \pi^0$, ($n = 3, 4$) by BABAR. EPJ Web of Conferences, 2019, 212, 08001.	0.1	2
323	Observation of the doubly Cabibbo-suppressed decay $\tilde{Z}^+ \rightarrow c \pi^+ \pi^0 \pi^+$. Journal of High Energy Physics, 2019, 2019, 1.	0.1	2
324	The monitoring electronics of the laser calibration system in the Muon g-2 experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 372-373.	0.7	2

#	ARTICLE	IF	CITATIONS
325	Measurement of CP violation in $B_0 \rightarrow D_s^{\pm} D_s^{\mp}$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	2
326	First measurement of the CP-violating phase in $B^0 \rightarrow \psi(3710) \rightarrow J/\psi \eta'$. Journal of High Energy Physics, 2014, 2014, 1.	1.4	2
327	Search for massive long-lived particles decaying semileptonically at $\sqrt{s}=13, \sqrt{s}=13.6$ TeV. European Physical Journal C, 2022, 82, .	1.4	2
328	Performance of the BABAR silicon vertex tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 501, 14-21.	0.7	1
329	Lessons learned from BaBar silicon vertex tracker, limits, and future perspectives of the detector. IEEE Transactions on Nuclear Science, 2005, 52, 787-792.	1.2	1
330	Recent developments in 130 nm CMOS monolithic active pixel detectors. Nuclear Physics, Section B, Proceedings Supplements, 2007, 172, 20-24.	0.5	1
331	Publisher's Note: Observation of the baryonic B_c^0 decay. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 243-244.	1.6	1
332	Search for $B_c^0 \rightarrow \psi(3710) \eta'$ decays in events with a fully reconstructed B meson. Physical Review D, 2012, 85, 6.	1.6	1
333	The data acquisition system of the SuperB-SVT beam test. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 243-244.	0.7	1
334	Advances in the development of pixel detector for the SuperB Silicon Vertex Tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 731, 25-30.	0.7	1
335	Latest results of the R&D on CMOS MAPS for the Layer0 of the SuperB SVT. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 484-487.	0.7	1
336	Beam test results for the SuperB-SVT thin stripline detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 314-317.	0.7	1
337	Lepton Universality and Lepton Flavour Violation tests at the B-factories. EPJ Web of Conferences, 2016, 118, 01018.	0.2	1
338	Lepton Universality and Lepton Flavour Violation tests at the B-factories. EPJ Web of Conferences, 2016, 118, 01018.	0.1	1
339	Dark sector and Light New Physics searches in BaBar. Nuclear and Particle Physics Proceedings, 2017, 287-288, 189-194.	0.2	1
340	Observation of the decay $B_c^0 \rightarrow \psi(3710) \eta'$ in the B_c^0 mass region. Journal of High Energy Physics, 2018, 2018, 1.	1.6	1
341	Design and Performance of Data Acquisition and Control System for the Muon g-2 Laser Calibration. IEEE Transactions on Nuclear Science, 2020, 67, 832-839.	1.2	1
342	FABRICATION OF MICROSTRIP DETECTORS AND INTEGRATED ELECTRONICS ON HIGH RESISTIVITY SILICON. , 2002, .		1

#	ARTICLE	IF	CITATIONS
343	Search for Darkonium in $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle mml:msup \langle mml:mi \rangle e \langle mml:mi \rangle \langle mml:mo \rangle + \langle mml:mo \rangle \langle mml:msup \langle mml:mi \rangle e \langle mml:mi \rangle \langle mml:mo \rangle \rangle$ Collisions. Physical Review Letters, 2022, 128, 021802.	1.2	0
344	The MC68020-Based FASTBUS Read-Out Processor of the Aleph Time Projection Chamber. IEEE Transactions on Nuclear Science, 1987, 34, 127-132.	1.2	0
345	Tracking With The ALEPH Time Projection Chamber. , 0, , .		0
346	The read-out processors of the Aleph time projection chamber and their performance. IEEE Transactions on Nuclear Science, 1990, 37, 1210-1215.	1.2	0
347	Tracking with the ALEPH time projection chamber. IEEE Transactions on Nuclear Science, 1991, 38, 432-440.	1.2	0
348	Process to process communication over Fastbus in the data acquisition system of the ALEPH TPC. IEEE Transactions on Nuclear Science, 1994, 41, 138-141.	1.2	0
349	First-year experience with the BaBar silicon vertex tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 473, 7-16.	0.7	0
350	The BaBar Silicon Vertex Tracker: Performance, running experience and radiation damage studies. , 0, , .		0
351	PERFORMANCE OF THE <i>BABAR</i> SILICON VERTEX TRACKER. , 2002, , .		0
352	The BaBar silicon vertex tracker, performance and running experience. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 485, 10-14.	0.7	0
353	Performance, radiation damage and future plans of the BaBar Silicon Vertex Tracker. , 2003, , .		0
354	Sensor performance of the BaBar Silicon Vertex Tracker after 4 years of data taking. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 518, 286-289.	0.7	0
355	Lessons learned from babar silicon vertex tracker, limits and future perspectives of the detector. , 0, , .		0
356	What can be learned from the BABAR Silicon Vertex Tracker running experience. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 552, 224-231.	0.7	0
357	Title is missing!. Nuclear Physics, Section B, Proceedings Supplements, 2007, 169, v.	0.5	0
358	Tau physics results from BABAR. Chinese Physics C, 2008, 32, 504-508.	1.5	0
359	Thin pixel development for the Layer0 of the SuperB Silicon Vertex Tracker. , 2010, , .		0
360	Title is missing!. Acta Physica Polonica B, 2012, 43, 1473.	0.3	0

#	ARTICLE	IF	CITATIONS
361	HFAG tau lepton averages. Nuclear Physics, Section B, Proceedings Supplements, 2014, 253-255, 47-51.	0.5	0
362	RECENT τ , LEPTON RESULTS FROM BABAR. International Journal of Modern Physics Conference Series, 2014, 35, 1460440.	0.7	0
363	Summary of the Tau 2016 Workshop. Nuclear and Particle Physics Proceedings, 2017, 287-288, 199-204.	0.2	0
364	Muon g-2 calibration system data flow. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 335-336.	0.7	0
365	The calibration system of the Muon $g-2$ experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 98-101.	0.7	0
366	An approach to light distribution for the calibration of high energy physics calorimeters. Journal of Instrumentation, 2020, 15, P09014-P09014.	0.5	0
367	NEW EFFECTS OBSERVED IN THE BABAR SILICON VERTEX TRACKER: INTERPRETATION AND ESTIMATE OF THEIR IMPACT ON THE FUTURE PERFORMANCE OF THE DETECTOR. , 2006, , .		0
368	Managing Bias Leakage Currents and High Data Rates in the BABAR Silicon Vertex Tracker. , 2008, , .		0
369	Flavor physics of leptons and dipole moments. Advances in the Physics of Particles and Nuclei, 2009, , 1-170.	0.1	0