

Eugenio Paoloni

List of Publications by Year in descending order

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92
papers

4,404
citations

117625

34
h-index

106344

65
g-index

92
all docs

92
docs citations

92
times ranked

6213
citing authors

#	ARTICLE	IF	CITATIONS
19	Search for a Low-Mass Higgs Boson in $B \rightarrow \tau^+ \tau^- A_0, A_0 \rightarrow \tau^+, \tau^-$ at BABAR. Physical Review Letters, 2009, 103, 181801.	7.8	54
20	Improved Measurement of $B \rightarrow \tau^+ \tau^-$ and Determination of the Quark-Mixing Phase Angle β . Physical Review Letters, 2009, 102, 141802.	7.8	27
21	Measurement of $B \rightarrow K^* (892) \tau^+ \tau^-$ Branching Fractions and CP and Isospin Asymmetries. Physical Review Letters, 2009, 103, 211802.	7.8	32
22	Evidence for the $b(1S)$ Meson in Radiative $B \rightarrow \tau^+ \tau^-$ Decay. Physical Review Letters, 2009, 103, 161801.	7.8	81
23	Search for Invisible Decays of the $B \rightarrow \tau^+ \tau^-$ and Determination of β . Physical Review Letters, 2009, 103, 161801.	7.8	48
24	Measurement of $B \rightarrow \tau^+ \tau^-$ and Determination of β . Physical Review Letters, 2009, 102, 161803.	7.8	173
25	Measurement of $B \rightarrow \tau^+ \tau^-$ and Determination of β . Physical Review Letters, 2009, 102, 161803.	7.8	4
26	On-Chip Fast Data Sparsification for a Monolithic 4096-Pixel Device. IEEE Transactions on Nuclear Science, 2009, 56, 1159-1162.	2.0	2
27	DAΦNE Upgrade Status. Nuclear Physics, Section B, Proceedings Supplements, 2008, 181-182, 385-389.	0.4	5
29	Measurement of the Decay $B \rightarrow \tau^+ \tau^-$ and Determination of β . Physical Review Letters, 2008, 100, 231803.	7.8	14
30	Measurements of Partial Branching Fractions for $B \rightarrow \tau^+ \tau^-$ and Determination of $ \text{Vub} $. Physical Review Letters, 2008, 100, 171802.	7.8	16
31	Observation and Polarization Measurements of $B \rightarrow \tau^+ \tau^-$. Physical Review Letters, 2008, 101, 161801.	7.8	30
32	Searches for B Meson Decays to $\tau^+ \tau^- f_0(980)$, and $f_0(980) f_0(980)$ Final States. Physical Review Letters, 2008, 101, 201801.	7.8	13
34	Observation of Tree-Level $B \rightarrow \tau^+ \tau^-$ Decays with $B \rightarrow s \tau^+ \tau^-$ Production from Gluon Radiation. Physical Review Letters, 2008, 100, 171803.	7.8	20
35	Measurement of the CP Asymmetry in $B \rightarrow \tau^+ \tau^-$ Using a Sum of Exclusive Final States. Physical Review Letters, 2008, 101, 171804.	7.8	12
36	Measurement of the Branching Fractions of $B \rightarrow \tau^+ \tau^-$ and Determination of β . Physical Review Letters, 2008, 101, 261802.	7.8	36

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37	Search for C and Lorentz Violation in $B \rightarrow P T$ Decays. Physical Review Letters, 2007, 99, 211801.	7.8	56
38	Amplitude Analysis of the $B \rightarrow K^*(892) \pi$ Decay. Physical Review Letters, 2007, 99, 201802.	7.8	28
39	Observation of the Decay $B \rightarrow \pi^+ \pi^-$. Physical Review Letters, 2007, 99, 221801.	7.8	47
40	Improved Limits on the Lepton-Flavor Violating Decays $\tau \rightarrow \ell \nu \ell \nu$. Physical Review Letters, 2007, 99, 251803.	7.8	43
41	Measurements of C -Violating Asymmetries in the Decay $B \rightarrow P \pi$. Physical Review Letters, 2007, 99, 211801.	7.8	39
42	Evidence for Charged Meson Decays to $B \rightarrow a \pi$. Physical Review Letters, 2007, 99, 211801.	7.8	16
43	Improved Measurement of CP Violation in Neutral B Decays $B \rightarrow \pi \pi$. Physical Review Letters, 2007, 99, 171803.	7.8	34
44	Measurement of the Pseudoscalar Decay Constant f_D Using Charm-Tagged Events in e^+e^- Collisions at $\sqrt{s} = 10.58$ GeV. Physical Review Letters, 2007, 98, 141801.	7.8	41
45	Measurement of $\cos \delta_1$ in $B \rightarrow D^* \pi$ Decays with a Time-Dependent Dalitz Plot Analysis of $B \rightarrow K^* \pi$. Physical Review Letters, 2007, 99, 231802.	7.8	20
46	Measurement of CP Violation Parameters with a Dalitz Plot Analysis of $B \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2007, 99, 251801.	7.8	39
47	Measurement of Branching Fractions and Mass Spectra of $B \rightarrow K^* \pi$. Physical Review Letters, 2007, 98, 211804.	7.8	14
48	Evidence for $D^0 \rightarrow D^* \pi$ Mixing. Physical Review Letters, 2007, 98, 211802.	7.8	205
49	Evidence for $B \rightarrow \pi^0 \pi^0$ Decays and Implications for the Cabibbo-Kobayashi-Maskawa Angle β . Physical Review Letters, 2007, 98, 111801.	7.8	12
50	Branching Fraction Measurements of $B \rightarrow \pi^+ \pi^- \pi^0$, $B \rightarrow \pi^+ \pi^- \pi^0$, and $B \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2007, 98, 151802.	7.8	23
51	Measurements of CP-Violating Asymmetries in $B \rightarrow a_1 \pi$ Decays. Physical Review Letters, 2007, 98, 181803.	7.8	32
52	Observation of B Meson Decays to $b_1 K$. Physical Review Letters, 2007, 99, 241803.	7.8	18
53	Observation of $B \rightarrow K^* K$ and $B \rightarrow K^* K^0$. Physical Review Letters, 2006, 97, 171805.	7.8	58
54	Measurement of Branching Fractions and Charge Asymmetries in B Decays to η -Meson and $a_1 K^*$ Meson. Physical Review Letters, 2006, 97, 201802.	7.8	22

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55	Measurements of Branching Fractions, Polarizations, and Direct CP-Violation Asymmetries in $B^+ \rightarrow K^* \pi^0$ and $B^+ \rightarrow K^* \pi^+$ Decays. Physical Review Letters, 2006, 97, 201801.	7.8	46
56	Measurement of the $B^+ \rightarrow \pi^+ \pi^0$ Branching Fraction and Determination of $ V_{ub} $ with Tagged B Mesons. Physical Review Letters, 2006, 97, 211801.	7.8	37
57	Observation of an Excited Charm Baryon $\Lambda_c^* \rightarrow \Lambda_c \pi^0$. Physical Review Letters, 2006, 97, 232001.	7.8	102
58	Observation of $B^+ \rightarrow \pi^+ \pi^0 K^+$ and Evidence for $B^0 \rightarrow \pi^+ \pi^- K^0$ below Λ_c Threshold. Physical Review Letters, 2006, 97, 261808	7.8	4
59	Search for $D^0 \rightarrow D^0 \pi^0$ Mixing and Branching-Ratio Measurement in the Decay $D^0 \rightarrow K^+ \pi^- \pi^0$. Physical Review Letters, 2006, 97, 221803.	7.8	18
60	Measurements of Branching Fraction, Polarization, and Charge Asymmetry of $B^+ \rightarrow \pi^+ \pi^0$ and a Search for $B^+ \rightarrow \pi^+ \pi^0 \pi^0$. Physical Review Letters, 2006, 97, 261801.	7.8	23
61	Measurement of the Branching Fraction and Photon Energy Moments of $B^+ \rightarrow X_s \pi^0$ and $ACP(B^+ \rightarrow X_s \pi^0)$. Physical Review Letters, 2006, 97, 171803.	7.8	58
62	Observation of a New Ds Meson Decaying to DK at a Mass of $2.86 \pm 0.04 \text{ GeV}/c^2$. Physical Review Letters, 2006, 97, 222001.	7.8	139
63	Determinations of $ V_{ub} $ from Inclusive Semileptonic B Decays with Reduced Model Dependence. Physical Review Letters, 2006, 96, 221801.	7.8	23
64	Search for the Rare Decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$ at BABAR. Physical Review Letters, 2006, 96, 241802.	7.8	34
65	Search For T, CP, and CPT Violation in $B^0 \rightarrow B^0 \pi^0$ Mixing with Inclusive Dilepton Events. Physical Review Letters, 2006, 96, 251802.	7.8	71
66	Limit on the $B^0 \rightarrow \pi^0 \pi^0$ Branching Fraction and Implications for the Cabibbo-Kobayashi-Maskawa Angle β . Physical Review Letters, 2005, 94, 131801.	7.8	21
67	Improved Measurement of CP Asymmetries in $B^0 \rightarrow (cc\bar{c}) K^0(*)$ Decays. Physical Review Letters, 2005, 94, 161803.	7.8	95
68	Measurement of Branching Fractions and Charge Asymmetries for Exclusive B Decays to Charmonium. Physical Review Letters, 2005, 94, 141801.	7.8	36
69	Evidence for $B^+ \rightarrow K^+ K^0 K^+$ and $B^0 \rightarrow K^0 K^+ K^0$, and Measurement of the Branching Fraction and Search for Direct CP Violation in $B^+ \rightarrow K^0 \pi^+$. Physical Review Letters, 2005, 95, 221801.	7.8	8
70	Search for the Decay $B^+ \rightarrow K^+ \pi^+ \pi^-$. Physical Review Letters, 2005, 94, 101801.	7.8	43
71	Lessons learned from BaBar silicon vertex tracker, limits, and future perspectives of the detector. IEEE Transactions on Nuclear Science, 2005, 52, 787-792.	2.0	1
72	Measurement of Time-Dependent CP Asymmetries in $B^0 \rightarrow D^0(*) \pi^0$ Decays and Constraints on $\sin 2\beta$. Physical Review Letters, 2004, 92, 251801.	7.8	13

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73	Measurement of Time-Dependent CP-Violating Asymmetries in $B^0 \rightarrow K^* \bar{K}^* \pi^0$ Decays. Physical Review Letters, 2004, 93, 201801.	7.8	14
74	Search for Lepton-Flavor Violation in the Decay $\tilde{\nu}_\tau \rightarrow \nu_\tau \gamma$. Physical Review Letters, 2004, 92, 121801.	7.8	68
75	Measurements of CP-Violating Asymmetries in $B^0 \rightarrow K_S \pi^0$ Decays. Physical Review Letters, 2004, 93, 131805.	7.8	21
76	Searches for B^0 Decays to Combinations of Two Charmless Isoscalar Mesons. Physical Review Letters, 2004, 93, 181806.	7.8	12
77	Branching Fractions and CP Asymmetries in $B^0 \rightarrow K^+ K^- K_S^0$ and $B^+ \rightarrow K^+ K_S^0 K_S^0$. Physical Review Letters, 2004, 93, 181805.	7.8	16
78	Performance, radiation damage, and future plans of the BABAR silicon vertex tracker. IEEE Transactions on Nuclear Science, 2004, 51, 2298-2301.	2.0	5
79	Search for the Rare Leptonic Decay $B^+ \rightarrow \tau^+ \nu_\tau \nu_\mu$. Physical Review Letters, 2004, 92, 221803.	7.8	9
80	Search for the Radiative Decays $B^+ \rightarrow \tau^+ \nu_\tau \gamma$ and $B^0 \rightarrow \tau^0 \nu_\tau \gamma$. Physical Review Letters, 2004, 92, 111801.	7.8	7
81	Study of $B^+ \rightarrow \tau^+ \nu_\tau \pi^0$ and $B^+ \rightarrow \tau^+ \nu_\tau K^0$ Decays: Measurement of the Ratio of Branching Fractions and Search for Direct CP Violation. Physical Review Letters, 2004, 92, 241802.	7.8	19
82	Search for Flavor-Changing Neutral Current and Lepton-Flavor Violating Decays of $D^0 \rightarrow \ell^+ \ell^-$. Physical Review Letters, 2004, 93, 191801.	7.8	18
83	Study of $B^+ \rightarrow D_s^+ (\pi^0) \pi^0$ Decays. Physical Review Letters, 2004, 93, 181801.	7.8	56
84	Measurements of Branching Fractions and CP-Violating Asymmetries in B Meson Decays to Charmless Two-Body States Containing a K^0 . Physical Review Letters, 2004, 92, 201802.	7.8	12
85	Search for $B^+ \rightarrow [K^+ \pi^0] D K^+$ and Upper Limit on the $B^+ \rightarrow \mu^+ \nu_\mu$ Amplitude in $B^+ \rightarrow D K^+$. Physical Review Letters, 2004, 93, 131804.	7.8	5
86	Measurement of the Branching Fraction and Polarization for the Decay $B^+ \rightarrow \tau^+ D^0 K^+$. Physical Review Letters, 2004, 92, 141801.	7.8	11
87	Measurement of Time-Dependent CP Asymmetries and Constraints on $\sin 2\beta$ with Partial Reconstruction of $B^0 \rightarrow D^* \pi^0 \pi^0$ Decays. Physical Review Letters, 2004, 92, 251802.	7.8	14
88	Measurement of the Branching Fractions and CP Asymmetry of $B^+ \rightarrow D^0 (CP) K^+$ Decays with the BABAR Detector. Physical Review Letters, 2004, 92, 202002.	7.8	13
89	Measurements of the Mass and Width of the c -Meson and of $\pi^0 c(2S)$ Candidate. Physical Review Letters, 2004, 92, 142002.	7.8	83
90	The BaBar silicon-vertex tracker: performance, running experience, and radiation-damage studies. IEEE Transactions on Nuclear Science, 2002, 49, 3284-3289.	2.0	15

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91	Resistive plate chamber performance in the BaBar IFR system. IEEE Transactions on Nuclear Science, 2002, 49, 888-893.	2.0	6
92	Measurement of CP-Violating Asymmetries in B ⁰ Decays to C P Eigenstates. Physical Review Letters, 2001, 86, 2515-2522.	7.8	125