

Giacomo Martignon

List of Publications by Year in descending order

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citations

257357

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times ranked

4005
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#	ARTICLE	IF	CITATIONS
1	Study of the heavy flavor content of jets produced in association with W bosons in $p\bar{p}$ collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 2002, 65, .	1.6	21
2	CMS silicon tracker developments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 477, 440-445.	0.7	1
3	Optimization of the silicon sensors for the CMS tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 466, 300-307.	0.7	4
4	Observation of orbitally excited B mesons in $p\bar{p}$ collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 2001, 64, .	1.6	15
5	Performance of CMS silicon microstrip detectors with the APV6 readout chip. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 447, 133-141.	0.7	6
6	New results on silicon microstrip detectors of CMS tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 447, 142-150.	0.7	25
7	The CMS silicon tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 453, 121-125.	0.7	1
8	Dijet Production by Double Pomeron Exchange at the Fermilab Tevatron. Physical Review Letters, 2000, 85, 4215-4220.	2.9	54
9	Measurement of the differential dijet mass cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 2000, 61, .	1.6	7
10	Search for the charged Higgs boson in the decays of top quark pairs in the $t\bar{t} \rightarrow W^+W^-$ and $t\bar{t} \rightarrow W^+Z$ channels at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 2000, 62, .	1.6	37
11	Observation of Diffractive b -Quark Production at the Fermilab Tevatron. Physical Review Letters, 2000, 84, 232-237.	2.9	42
12	Direct Measurement of the W Boson Width in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 85, 3347-3352.	2.9	22
13	Search for New Particles Decaying to $t\bar{t}$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 85, 2062-2067.	2.9	38
14	Diffractive Dijets with a Leading Antiproton in $p\bar{p}$ Collisions at $\sqrt{s}=1800\text{GeV}$. Physical Review Letters, 2000, 84, 5043-5048.	2.9	119
15	Limits on Light Gravitino Production and New Processes with Large Missing Transverse Energy in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 85, 1378-1383.	2.9	20
16	Measurement of $\sin^2 2\beta$ from $B \rightarrow J/\psi K_S$ with the CDF detector. Physical Review D, 2000, 61, .	1.6	105
17	Search for Second and Third Generation Leptoquarks Including Production via Technicolor Interactions in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 85, 2056-2061.	2.9	29
18	Search for a $W \rightarrow B$ Boson via the Decay Mode $W \rightarrow \tau^+ \nu_{\tau} \nu_{\tau}$ in 1.8 TeV $p\bar{p}$ Collisions. Physical Review Letters, 2000, 84, 5716-5721.	2.9	13

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19	Measurement of the Decay Amplitudes of $B^0 \rightarrow K^* \pi^0$ and $B^0 \rightarrow K^* \pi^+$ Decays. Physical Review Letters, 2000, 85, 4668-4673.	2.9	30
20	Measurement of b -Quark Fragmentation Fractions in $p\bar{p}$ -Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 84, 1663-1668.	2.9	29
21	Transverse Momentum and Total Cross Section of e^+e^- Pairs in the Z-Boson Region from $p\bar{p}$ -Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 84, 845-850.	2.9	131
22	Measurement of f_1 and f_2 (2S) Polarization in $p\bar{p}$ -Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 85, 2886-2891.	2.9	196
23	Production of f_1 (1S) Mesons from $\bar{t}b$ Decays in $p\bar{p}$ -Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 84, 2094-2099.	2.9	111
24	Search for a Fourth-Generation Quark More Massive than the Z Boson in $p\bar{p}$ -Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 84, 835-840.	2.9	24
25	Measurement of the Helicity of W Bosons in Top Quark Decays. Physical Review Letters, 2000, 84, 216-221.	2.9	50
26	Test results on heavily irradiated silicon detectors for the CMS experiment at LHC. IEEE Transactions on Nuclear Science, 2000, 47, 2092-2100.	1.2	0
27	Measurement of the $B^0 \rightarrow D^* \pi^0$ oscillation frequency using $gl^+ \bar{D}^* +$ pairs and lepton flavor tags. Physical Review D, 1999, 60, .	1.6	17
28	Measurement of the B^0 meson lifetime using semileptonic decays. Physical Review D, 1999, 59, .	1.6	28
29	Search for R-Parity Violating Supersymmetry Using Like-Sign Dielectrons in $p\bar{p}$ -Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1999, 83, 2133-2138.	2.9	30
30	Search for a Technicolor ρ Particle in Events with a Photon and ab -Quark Jet at Fermilab. Physical Review Letters, 1999, 83, 3124-3129.	2.9	15
31	Measurement of Z and Drell-Yan production cross sections using dimuons in $p\bar{p}$ collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 1999, 59, .	1.6	26
32	Search for $B^0 \rightarrow B^+ \pi^-$ Oscillations Using the Semileptonic Decay $B^0 \rightarrow \pi^+ \pi^- \mu^+ \mu^-$. Physical Review Letters, 1999, 82, 3576-3580.	2.9	21
33	Measurement of b quark fragmentation fractions in the production of strange and light B mesons in $p\bar{p}$ collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 1999, 60, .	1.6	13
34	Search for the Flavor-Changing Neutral Current Decays $B^0 \rightarrow \pi^+ \pi^- K^+$ and $B^0 \rightarrow \pi^+ \pi^- K^0$. Physical Review Letters, 1999, 83, 3378-3383.	2.9	43
35	Measurement of the $B_d \rightarrow B_d$ oscillation frequency using dimuon data in $p\bar{p}$ collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 1999, 60, .	1.6	18
36	Measurement of the Top Quark Mass with the Collider Detector at Fermilab. Physical Review Letters, 1999, 82, 271-276.	2.9	75

#	ARTICLE	IF	CITATIONS
37	Measurement of $b\bar{b}$ -rapidity correlations in $pp\bar{p}$ -collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 1999, 61, .	1.6	6
38	Searches for new physics in diphoton events in $pp[\text{over } \bar{p}]$ collisions at $\sqrt{s}=1.8\text{ TeV}$. Physical Review D, 1999, 59, .	1.6	42
39	Search for New Particles Decaying to $b\bar{b}$ in $pp\bar{p}$ -Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1999, 82, 2038-2043.	2.9	24
40	Kinematics of $t\bar{t}$ events at CDF. Physical Review D, 1999, 59, .	1.6	11
41	Measurement of $B\rightarrow B^0$ flavor oscillations using jet-charge and lepton flavor tagging in $pp\bar{p}$ -collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 1999, 60, .	1.6	24
42	The CDF intermediate silicon layers detector. Nuclear Physics, Section B, Proceedings Supplements, 1999, 78, 307-310.	0.5	4
43	R&D for the CMS silicon tracker. Nuclear Physics, Section B, Proceedings Supplements, 1999, 78, 322-328.	0.5	0
44	Test results of heavily irradiated Si detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 422, 238-241.	0.7	0
45	The CMS silicon microstrip detectors: research and development. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 426, 16-23.	0.7	2
46	The intermediate silicon layers detector at CDFII: Design and progress. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 435, 44-50.	0.7	3
47	The R&D program for silicon detectors in CMS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 435, 109-117.	0.7	7
48	Silicon microstrip detectors on $6\mu\text{m}^3$ technology. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 435, 51-57.	0.7	11
49	The CMS silicon strip tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 435, 102-108.	0.7	3
50	Test beam results on irradiated silicon detectors for the CMS Silicon Strip Tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 434, 313-336.	0.7	1
51	The silicon microstrip tracker for CMS. Nuclear Physics, Section B, Proceedings Supplements, 1999, 78, 315-321.	0.5	0
52	The CMS silicon tracker at LHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 409, 105-111.	0.7	0
53	Beam test results for single- and double-sided irradiated silicon detector prototypes of the CMS Central Detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 409, 135-138.	0.7	1
54	The CMS silicon tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 419, 538-543.	0.7	3

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55	Measurement of the CP-Violation Parameters $(2\hat{\Gamma}^2)$ in $B_d^0/B_d^{\pm} \rightarrow J/\psi K_S^0$ Decays. Physical Review Letters, 1998, 81, 5513-5518.	2.9	37
56	Search for Higgs Bosons Produced in Association with a Vector Boson in $pp \rightarrow \hat{A}^-$ Collisions at $\hat{s}=1.8\text{TeV}$. Physical Review Letters, 1998, 81, 5748-5753.	2.9	17
57	Search for the Decays $B_s^0, B_d^0 \rightarrow e^{\pm} \hat{\nu}_e$ and Pati-Salam Leptoquarks. Physical Review Letters, 1998, 81, 5742-5747.		18
58	Measurement of the $B_d^0 \rightarrow B_d^0$ flavor oscillation frequency and study of same side flavor tagging of B mesons in $pp \rightarrow \hat{A}^-$ collisions. Physical Review D, 1998, 59, .	1.6	20
59	Measurement of the B^+ and B^0 meson lifetimes using semileptonic decays. Physical Review D, 1998, 58, .	1.6	19
60	Events with a Rapidity Gap between Jets in $p\hat{A}^-p$ Collisions at $\hat{s}=630\text{GeV}$. Physical Review Letters, 1998, 81, 5278-5283.	2.9	34
61	Search for Second Generation Leptoquarks in the Dimuon Plus Dijet Channel of $pp \rightarrow \hat{A}^-$ Collisions at $\hat{s}=1.8\text{TeV}$. Physical Review Letters, 1998, 81, 4806-4811.	2.9	22