

Theo J Mertzimekis

List of Publications by Year in descending order

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236
papers

7,824
citations

41258

49
h-index

64668

79
g-index

241
all docs

241
docs citations

241
times ranked

8838
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of high-p T charged particle suppression in PbPb compared to pp collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\text{--}7\text{ TeV}$. European Physical Journal C, 2012, 72, 1.	1.4	369
2	Observation of a new boson with mass near 125 GeV in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	320
3	Suppression of non-prompt J/ψ , prompt J/ψ , and $\Upsilon(1S)$ in PbPb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\text{--}7\text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	200
4	Centrality dependence of dihadron correlations and azimuthal anisotropy harmonics in PbPb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\text{--}7\text{ TeV}$. European Physical Journal C, 2012, 72, 1.	1.4	181
5	Search for dark matter and large extra dimensions in monojet events in pp collisions at $\sqrt{s}=7\text{--}13\text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	168
6	Measurement of the inclusive W and Z production cross sections in pp collisions at $\sqrt{s}=7\text{--}8\text{ TeV}$ with the CMS experiment. Journal of High Energy Physics, 2011, 2011, 1.	1.6	158
7	Study of the inclusive production of charged pions, kaons, and protons in pp collisions at $\sqrt{s}=0.9, 2.76, 7\text{--}8\text{ TeV}$. European Physical Journal C, 2012, 72, 1.	1.4	154
8	Search for supersymmetry in hadronic final states with missing transverse energy using the variables \hat{t} and b-quark multiplicity in pp collisions at $\sqrt{s}=8\text{--}13\text{ TeV}$. European Physical Journal C, 2013, 73, 2568.	1.4	147
9	Strange particle production in pp collisions at $\sqrt{s}=0.9\text{--}7\text{ TeV}$. Journal of High Energy Physics, 2011, 2011, 1.	1.6	139
10	Prompt and non-prompt J/ψ production in pp collisions at $\sqrt{s}=7\text{--}8\text{ TeV}$. European Physical Journal C, 2011, 71, 1.	1.4	135
11	A search for a doubly-charged Higgs boson in pp collisions at $\sqrt{s}=7\text{--}13\text{ TeV}$. European Physical Journal C, 2012, 72, 1.	1.4	129
12	Measurement of differential top-quark-pair production cross sections in pp collisions at $\sqrt{s}=7\text{--}8\text{ TeV}$. European Physical Journal C, 2013, 73, 1.	1.4	125
13	Measurements of inclusive W and Z cross sections in pp collisions at $\sqrt{s}=7\text{--}8\text{ TeV}$. Journal of High Energy Physics, 2011, 2011, 1.	1.6	122
14	Searches for long-lived charged particles in pp collisions at $\sqrt{s}=7\text{--}8\text{ TeV}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	118
15	Search for a light charged Higgs boson in top quark decays in pp collisions at $\sqrt{s}=7\text{--}13\text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	117
16	Charged particle multiplicities in pp interactions at $\sqrt{s}=0.9, 2.36, 7\text{--}8\text{ TeV}$. Journal of High Energy Physics, 2011, 2011, 1.	1.6	106
17	Dependence on pseudorapidity and on centrality of charged hadron production in PbPb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\text{--}7\text{ TeV}$. Journal of High Energy Physics, 2011, 2011, 1.	1.6	99
18	LHC forward physics. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 110201.	1.4	99

#	ARTICLE	IF	CITATIONS
19	Measurement of the underlying event activity at the LHC with $\sqrt{s} = 7$ TeV and comparison with $\sqrt{s} = 0.9$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	97
20	New insights into hydrothermal vent processes in the unique shallow-submarine arc-volcano, Kolumbo (Santorini), Greece. Scientific Reports, 2013, 3, 2421.	1.6	97
21	Search for supersymmetry in hadronic final states using M T2 in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	95
22	Measurement of inclusive W and Z Boson Production Cross Sections in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	2.9	94
23	Measurement of jet fragmentation into charged particles in pp and PbPb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	85
24	Measurement of the single-top-quark t-channel cross section in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	83
25	J/ψ and $\psi(2S)$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	81
26	Study of exclusive two-photon production of $W+W^*$ in pp collisions at $\sqrt{s}=7$ TeV and constraints on anomalous quartic gauge couplings. Journal of High Energy Physics, 2013, 2013, 1.	1.6	75
27	Evidence for proton excitations in $^{130,132,134,136}\mathrm{Xe}$ isotopes from measurements of g factors of $21+$ and $41+$ states. Physical Review C, 2002, 65, .	1.1	73
28	Measurement of the $X(3872)$ production cross section via decays to $J/\psi \epsilon + \bar{\psi} \hat{\nu}$ in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	73
29	Measurement of the $\overline{\mathrm{t}}\mathrm{t}$ production cross section in the dilepton channel in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	69
30	Search for anomalous production of multilepton events in pp collisions at $\sqrt{s} = 7, \mathrm{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	68
31	Search for a standard-model-like Higgs boson with a mass in the range 145 to 1000 GeV at the LHC. European Physical Journal C, 2013, 73, 2469.	1.4	68
32	First measurements of g factors in the even Kr isotopes. Physical Review C, 2001, 64, .	1.1	65
33	Long-range and short-range dihadron angular correlations in central PbPb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	65
34	Measurement of the sum of WW and WZ production with W +dijet events in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 2283.	1.4	64
35	Measurement of the $W+W^*$ cross section in pp collisions at $\sqrt{s} = 7$ TeV and limits on anomalous WW^3 and WWZ couplings. European Physical Journal C, 2013, 73, 1.	1.4	62
36	Measurement of the ratio of the inclusive 3-jet cross section to the inclusive 2-jet cross section in pp collisions at $\sqrt{s} = 7$ TeV and first determination of the strong coupling constant in the TeV range. European Physical Journal C, 2013, 73, 1.	1.4	60

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37	Measurement of the lepton charge asymmetry in inclusive W production in pp collisions at $\sqrt{s} = 7\text{ TeV}$. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	59
38	Search for anomalous t production in the highly-boosted all-hadronic final state. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	58
39	Jet production rates in association with W and Z bosons in pp collisions at $\sqrt{s} = 7\text{ TeV}$. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	58
40	Studies of jet mass in dijet and $W/Z + \text{jet}$ events. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	58

41

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55	Search for heavy bottom-like quarks in 4.9 fb^{-1} of pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	45
56	Measurements of natural radioactivity in phosphate fertilizers. Science of the Total Environment, 1997, 196, 63-67.	3.9	44
57	Search for microscopic black holes in pp collisions at $\sqrt{s}=8 \text{ TeV}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	44
58	Measurement of the top-quark mass in $\overline{\text{t}}\text{t}$ events with dilepton final states in pp collisions at $\sqrt{s}=7 \text{ TeV}$. European Physical Journal C, 2012, 72, 1.	1.4	42
59	Search for electroweak production of charginos and neutralinos using leptonic final states in pp collisions at $\sqrt{s}=7 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	41
60	Probing Shell Structure and Shape Changes in Neutron-Rich Sulfur Isotopes through Transient-Field-g-Factor Measurements on Fast Radioactive Beams of ^{38}S and ^{40}S . Physical Review Letters, 2006, 96, 112503.	2.9	40
61	Search for same-sign top-quark pair production at $\sqrt{s} = 7 \text{ TeV}$ and limits on flavour changing neutral currents in the top sector. Journal of High Energy Physics, 2011, 2011, 1.	1.6	40
62	Search for resonances in the dilepton mass distribution in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2011, 2011, 1.	1.6	39
63	Inclusive b-jet production in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	39
64	Measurement of the $Z/\gamma^* \rightarrow b\bar{b}$ -jet cross section in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	39
65	Search for the standard model Higgs boson produced in association with a top-quark pair in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	1.6	39
66	Measurement of the ZZ production cross section and search for anomalous couplings in $2\gamma, 2\gamma, \gamma\gamma$ final states in pp collisions at $\sqrt{s}=7 \text{ TeV}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	39
67	Search for heavy stable charged particles in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2011, 2011, 1.	1.6	38
68	New excited states in the halo nucleus ^6He . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 441-446.	1.5	38
69	Measurement of the top-quark mass in $\overline{\text{t}}\text{t}$ events with lepton+jets final states in pp collisions at $\sqrt{s}=7 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	38
70	Measurement of the $\text{t}\bar{\text{t}}$ production cross section in pp collisions at $\sqrt{s}=7 \text{ TeV}$ using the kinematic properties of events with leptons and jets. European Physical Journal C, 2011, 71, 1.	1.4	37
71	Measurement of the Drell-Yan cross section in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2011, 2011, 1.	1.6	36
72	Total reaction and fusion cross sections at sub- and near-barrier energies for the system $^7\text{Li} + ^{28}\text{Si}$. European Physical Journal A, 2009, 39, 187-194.	1.0	35

#	ARTICLE	IF	CITATIONS
73	Measurement of the top-quark mass in all-jets $t\bar{t}$ events in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2014, 74, 2758.	1.4	35
74	Observation of Z decays to four leptons with the CMS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	1.6	34
75	Search for microscopic black holes in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	34
76	Search for supersymmetry in final states with missing transverse energy and 0, 1, 2, or ≥ 3 b-quark jets in 7 TeV pp collisions using the variable \hat{t} . Journal of High Energy Physics, 2013, 2013, 1.	1.6	34
77	Measurement of the underlying event in the Drell-Yan process in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	33
78	Search for new physics in events with same-sign dileptons and b jets in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	33
79	Spin dependence of $d_{5/2}$ neutron configurations in the wave functions of $^{92,94}\text{Zr}$ from g-factor measurements. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 468, 13-19.	1.5	32
80	Competition between proton and neutron excitations in ^{96}Zr . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 562, 193-200.	1.5	32
81	Measurement of $\overline{B}B$ angular correlations based on secondary vertex reconstruction at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	32
82	Search for supersymmetry in pp collisions at $\sqrt{s} = 7$ TeV in events with a single lepton, jets, and missing transverse momentum. Journal of High Energy Physics, 2011, 2011, 1.	1.6	32
83	Search in leptonic channels for heavy resonances decaying to long-lived neutral particles. Journal of High Energy Physics, 2013, 2013, 1.	1.6	32
84	Spin Polarization of ^{37}K Produced in a Single-Proton Pickup Reaction at Intermediate Energies. Physical Review Letters, 2003, 90, 202502.	2.9	31
85	Shell structure underlying the evolution of quadrupole collectivity in ^{38}S and ^{40}S probed by transient-field g-factor measurements on fast radioactive beams. Physical Review C, 2006, 74, .	1.1	31
86	Shape, transverse size, and charged-hadron multiplicity of jets in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	31
87	Evidence for $2f_{7/2}$ neutron strength in the low energy structure of $^{144,146,148,150}\text{Nd}$ isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 493, 7-11.	1.5	30
88	Nuclear Magnetic Moment of the ^{57}Cu Ground State. Physical Review Letters, 2006, 96, 102501.	2.9	30
89	Measurement of Bose-Einstein correlations in pp collisions at $\sqrt{s} = 0.9$ TeV and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	30
90	Search for new physics in events with same-sign dileptons and b-tagged jets in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	30

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91	Search for a Higgs boson in the decay channel $H \rightarrow ZZ^* \rightarrow q\bar{q}$ in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	30
92	Single particle degrees of freedom in the transition from deformed to spherical Nd nuclei. Physical Review C, 2001, 63, .	1.1	29
93	Search for supersymmetry in events with b jets and missing transverse momentum at the LHC. Journal of High Energy Physics, 2011, 2011, 1.	1.6	29
94	Strong transfer channels in the $Li6+Si28$ system at near-barrier energies. Physical Review C, 2007, 76, .	1.1	28
95	Thorium partitioning in Greek industrial bauxite investigated by synchrotron radiation and laser-ablation techniques. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 3067-3073.	0.6	27
96	The islands of shape coexistence within the Elliott and the proxy-SU(3) Models. European Physical Journal A, 2021, 57, 1.	1.0	27
97	Search for physics beyond the standard model in opposite-sign dilepton events in pp collisions at $\sqrt{s} = 7, \sqrt{13}$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	26
98	Search for resonant $t\bar{t}$ production in lepton+jets events in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	26
99	Ratios of dijet production cross sections as a function of the absolute difference in rapidity between jets in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	26
100	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow 2\ell, 2\ell\gamma$ channel in pp collisions at $\sqrt{s} = 7, \sqrt{13}$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	26
101	Measurement of the production cross section for pairs of isolated photons in pp collisions at $\sqrt{s} = 7, 13$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	26
102	Systematics of first two state factors around mass 80. Physical Review C, 2003, 68, .	1.1	25
103	Measurement of energy flow at large pseudorapidities in pp collisions at $\sqrt{s} = 0.9, 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	25
104	Measurement of the $t\bar{t}$ production cross section in the $\ell, \ell\gamma$ channel in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 1.	1.4	24
105	Probing the sustainability of the $N=82$ and $Z=50$ shell closures for neutron-rich nuclides: Decay of $Rh75$ to levels of $Pd74$. Physical Review C, 2004, 70, .	1.1	23
106	Inclusive b-hadron production cross section with muons in pp collisions at $\sqrt{s} = 7, \sqrt{13}$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	23
107	Competing core and single particle excitations in the $2+1$ state in ^{44}Ca . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 559, 187-192.	1.5	22
108	Intermediate energy Coulomb excitation as a probe of nuclear structure at radioactive beam facilities. Physical Review C, 2003, 68, .	1.1	22

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109	First g factor measurement using a radioactive ^{76}Kr beam. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 591, 213-219.	1.5	22
110	Search for large extra dimensions in the diphoton final state at the Large Hadron Collider. Journal of High Energy Physics, 2011, 2011, 1.	1.6	22
111	Search for physics beyond the standard model in events with \bar{l}_ν , leptons, jets, and large transverse momentum imbalance in pp collisions at $\sqrt{s}=7 \text{ TeV}$. European Physical Journal C, 2013, 73, 2493.	1.4	22
112	Uranium-bearing phosphatized limestones of NW Greece. Journal of Geochemical Exploration, 2014, 143, 62-73.	1.5	21
113	$6,7\text{Li}+28\text{Si}$ total reaction cross sections at near barrier energies. Nuclear Physics A, 2007, 784, 13-24.	0.6	20
114	Measurement of the inclusive Z cross section via decays to tau pairs in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2011, 2011, 1.	1.6	20
115	Search for exotic resonances decaying into WZ/ZZ in pp collisions at $\sqrt{s}=7 \text{ TeV}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	20
116	Search for supersymmetry in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ in events with a single lepton, jets, and missing transverse momentum. European Physical Journal C, 2013, 73, 2404.	1.4	20
117	First measurement of the g factor of the $2+1$ state of semi-magic ^{90}Zr on neutron-rich ^{72}Zn , and the high-velocity transient field technique for radioactive heavy ion beams. Physical Review C, 2012, 85, 014607.	1.1	18
118	Search for quark compositeness in dijet angular distributions from pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	18
119	Search for stopped long-lived particles produced in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	17
120	Measurement of the Λ_{b}^0 lifetime in pp collisions at $\sqrt{s}=7 \text{ TeV}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	17
121	Atomic Physics with Accelerators: Projectile Electron Spectroscopy (APAPES). Journal of Physics: Conference Series, 2015, 583, 012014.	0.3	17
122	First measurements of the g factors of the $2+1$ and $3\hat{+}1$ states of semi-magic ^{90}Zr . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 494, 187-192.	1.5	16
123	Measurement of the g factor of the $4+4$ ground state: Pushing the velocity transient field technique to the limit. Physical Review C, 2012, 85, 014608.	1.1	16
124	Measurement of the inclusive production cross sections for forward jets and for dijet events with one forward and one central jet in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	16
125	Measurement of the $\overline{t}t$ production cross section in the all-jet final state in pp collisions at $\sqrt{s}=7 \text{ TeV}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	16
126	Measurement of the hadronic activity in events with a Z and two jets and extraction of the cross section for the electroweak production of a Z with two jets in pp collisions at $\sqrt{s}=7 \text{ TeV}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	16

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127	Study of the deformation-driving $1/2d5/2$ orbital in $67\ 28\ Ni\ 39$ using one-neutron transfer reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 533-538.	1.5	16
128	The role of nano-perovskite in the negligible thorium release in seawater from Greek bauxite residue (red mud). Scientific Reports, 2016, 6, 21737.	1.6	16
129	A microscopic and Synchrotron-based characterization of urban particulate matter (PM10 $\hat{=}$ PM2.5 and) Tj ETQq1 1 0.784314 rgBT / 0.6, 3077-3081.	0.6	15
130	Search for a fermiophobic Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	15
131	Measurement of the mass difference between top and antitop quarks. Journal of High Energy Physics, 2012, 2012, 1.	1.6	15
132	Search for new physics in events with photons, jets, and missing transverse energy in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	15
133	An online database of nuclear electromagnetic moments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 807, 56-60.	0.7	15
134	Spectroscopy of exotic $121, 123, 125Ag$ produced in fragmentation reactions. European Physical Journal A, 2009, 42, 407.	1.0	14
135	Search for third-generation leptoquarks and scalar bottom quarks in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	14
136	Measurement of the production cross section for $\mathcal{Z}\gamma o u \overline{u}\gamma$ in pp collisions at $\sqrt{s} = 7$ TeV and limits on $ZZ\mathcal{I}^3$ and $Z\mathcal{I}^3\mathcal{I}^3$ triple gauge boson couplings. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
137	Distribution and partitioning of major and trace elements in pyrite-bearing sediments of a Mediterranean coastal lagoon. Chemie Der Erde, 2015, 75, 219-236.	0.8	14
138	Environmental impact of phosphogypsum stockpile in remediated Schistos waste site (Piraeus, Greece) using a combination of \hat{f}^3 -ray spectrometry with geographic information systems. Environmental Monitoring and Assessment, 2016, 188, 133.	1.3	14
139	Gyromagnetic ratios and octupole collectivity in the structure of the $Zr90\hat{=}\ 96$ isotopes. Physical Review C, 2004, 69.	1.1	13
140	Shell model configurations in the $\langle mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.co.$	1.5	13
141	Search for light resonances decaying into pairs of muons as a signal of new physics. Journal of High Energy Physics, 2011, 2011, 1.	1.6	13
142	Measurement of the underlying event activity in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV with the novel jet-area/median approach. Journal of High Energy Physics, 2012, 2012, 1.	1.6	13
143	Search for heavy quarks decaying into a top quark and a W or Z boson using lepton + jets events in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	13
144	High-precision quadrupole moment reveals significant intruder component in $Al201333$ ground state. Physical Review C, 2016, 94, .	1.1	13

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145	Surface composition and structure of divertor tiles following the JET tokamak operation with the ITER-like wall. Nuclear Fusion, 2017, 57, 076027.	1.6	13
146	Radiocesium sorption-desorption processes in lake sediments. Journal of Radioanalytical and Nuclear Chemistry, 1996, 208, 549-557.	0.7	12
147	Ground state magnetic dipole moment of ^{83}Kr . Physical Review C, 2006, 73, .	1.1	12
148	Transient fields for Mg ions traversing gadolinium hosts at velocities above and below the K-shell electron velocity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 611, 81-86.	1.5	11
149	Search for new physics with long-lived particles decaying to photons and missing energy in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	11
150	Forward energy flow, central charged-particle multiplicities, and pseudorapidity gaps in W and Z boson events from pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	11
151	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow 4\ell$ decay channel in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	11
152	Breathing modes of Kolumbo submarine volcano (Santorini, Greece). Scientific Reports, 2017, 7, 46515.	1.6	11
153	Search for supersymmetry in events with a lepton, a photon, and large missing transverse energy in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	10
154	Study of the $B \rightarrow p \ell^+ \ell^-$ decay channel in pp collisions at $\sqrt{s}=7$ TeV. Nuclear Instruments & Methods in Physics Research B, 2016, 368, 71-74.	0.6	10
155	Measurements of ^{222}Rn migration in soil. Journal of Radioanalytical and Nuclear Chemistry, 1996, 208, 541-547.	0.7	9
156	Experimental study of the $^{66}\text{Ni}(d,p)^{67}\text{Ni}$ one-neutron transfer reaction. Physical Review C, 2015, 91, .	1.1	9
157	EFFECT OF SOIL AMENDMENTS ON RADIOCESIUM TRANSFER TO ALFALFA. Health Physics, 2003, 84, 637-641.	0.3	8
158	Influence of hydrothermal venting on water column properties in the crater of the Kolumbo submarine volcano, Santorini volcanic field (Greece). Geo-Marine Letters, 2016, 36, 15-24.	0.5	8
159	Nuclear moments of the low-lying isomeric 1^+ state of ^{34}Al : Investigation on the neutron $1p1h$ excitation across $N \approx 20$ in the island of inversion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 619-626.	1.5	8
160	Production of a ^{76}Kr radioactive ion beam using a batch mode method. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 533, 287-294.	0.7	7
161	Radioactive ion beams in the region of ^{100}Sn and ^{78}Ni at the NSCL. Nuclear Physics A, 2004, 746, 54-60.	0.6	7
162	Search for the standard model Higgs boson produced in association with W and Z bosons in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	7

#	ARTICLE	IF	CITATIONS
163	First cross-section measurements of the reactions $Ag^{107,109}(p, \hat{p}^3)Cd^{108,110}$ at energies relevant to the p process. <i>Physical Review C</i> , 2017, 96, .	1.1	7
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