

Joan SolÀ

List of Publications by Year in descending order

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170
papers

8,482
citations

36203

51
h-index

53109

85
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171
all docs

171
docs citations

171
times ranked

6229
citing authors

#	ARTICLE	IF	CITATIONS
1	Cosmology intertwined: A review of the particle physics, astrophysics, and cosmology associated with the cosmological tensions and anomalies. <i>Journal of High Energy Astrophysics</i> , 2022, 34, 49-211.	2.4	350
2	Physics interplay of the LHC and the ILC. <i>Physics Reports</i> , 2006, 426, 47-358.	10.3	297
3	The scaling evolution of the cosmological constant. <i>Journal of High Energy Physics</i> , 2002, 2002, 006-006.	1.6	240
4	Snowmass2021 - Letter of interest cosmology intertwined II: The hubble constant tension. <i>Astroparticle Physics</i> , 2021, 131, 102605.	1.9	228
5	Cosmological constant and vacuum energy: old and new ideas. <i>Journal of Physics: Conference Series</i> , 2013, 453, 012015.	0.3	223
6	Adjusting the cosmological constant dynamically: Cosmons and a new force weaker than gravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987, 195, 183-190.	1.5	216
7	Scaling behavior of the cosmological constant and the possible existence of new forces and new light degrees of freedom. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 475, 236-246.	1.5	206
8	On the possible running of the cosmological "constant". <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 682, 105-113.	1.5	192
9	Cosmology intertwined III: $f\tilde{I}f^8$ and S^8 . <i>Astroparticle Physics</i> , 2021, 131, 102604.	1.9	182
10	Variable cosmological constant as a Planck scale effect. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 574, 149-155.	1.5	164
11	Running \tilde{I} at low energies from physics atMX: possible cosmological and astrophysical implications. <i>Journal of Cosmology and Astroparticle Physics</i> , 2005, 2005, 012-012.	1.9	160
12	Hubble expansion and structure formation in time varying vacuum models. <i>Physical Review D</i> , 2009, 80, .	1.6	160
13	Effective equation of state for dark energy: Mimicking quintessence and phantom energy through a variable \tilde{I} . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005, 624, 147-157.	1.5	152
14	First Evidence of Running Cosmic Vacuum: Challenging the Concordance Model. <i>Astrophysical Journal</i> , 2017, 836, 43.	1.6	146
15	FCNC top quark decays in the MSSM: a door to SUSY physics in high luminosity colliders?. <i>Nuclear Physics B</i> , 1999, 562, 3-28.	0.9	132
16	Expansion history with decaying vacuum: a complete cosmological scenario. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 923-929.	1.6	123
17	Dark energy: a quantum fossil from the inflationary universe?. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008, 41, 164066.	0.7	120
18	The H_0 tension in light of vacuum dynamics in the universe. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 774, 317-324.	1.5	120

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19	Complete cosmic history with a dynamical Λ $\Lambda = \Lambda_0 \left(\frac{a}{a_0} \right)^{-2} \left(\frac{H}{H_0} \right)^{-2}$	1.6	118
20	HINTS OF DYNAMICAL VACUUM ENERGY IN THE EXPANDING UNIVERSE. <i>Astrophysical Journal Letters</i> , 2015, 811, L14.	3.0	110
21	Dynamical vacuum energy in the expanding Universe confronted with observations: a dedicated study. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 004-004.	1.9	108
22	Possible signals of vacuum dynamics in the Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 4357-4373.	1.6	100
23	Testing the running of the cosmological constant with type Ia supernovae at highz. <i>Journal of Cosmology and Astroparticle Physics</i> , 2004, 2004, 006-006.	1.9	95
24	Λ CDM: a cosmological model solution to the cosmological coincidence problem?. <i>Journal of Cosmology and Astroparticle Physics</i> , 2006, 2006, 011-011.	1.9	95
25	Brans-Dicke Gravity with a Cosmological Constant Smooths Out Λ CDM Tensions. <i>Astrophysical Journal Letters</i> , 2019, 886, L6.	3.0	91
26	Loop induced flavor changing neutral decays of the top quark in a general two-Higgs-doublet model. <i>Nuclear Physics B</i> , 2001, 600, 21-38.	0.9	88
27	Hubble expansion and structure formation in the "running FLRW model" of the cosmic evolution. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 007-007.	1.9	87
28	Generalizing the running vacuum energy model and comparing with the entropic-force models. <i>Physical Review D</i> , 2012, 86, .	1.6	86
29	DYNAMICAL DARK ENERGY OR VARIABLE COSMOLOGICAL PARAMETERS?. <i>Modern Physics Letters A</i> , 2006, 21, 479-494.	0.5	82
30	The Λ CDM cosmology: From inflation to dark energy through running Λ . <i>International Journal of Modern Physics D</i> , 2015, 24, 1541003.	0.9	81
31	Determination of quark and gluon vacuum condensates from τ -lepton decay data. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1988, 40, 63-75.	1.5	79
32	Cosmologies with a time dependent vacuum. <i>Journal of Physics: Conference Series</i> , 2011, 283, 012033.	0.3	73
33	Dynamical dark energy vs. $\Lambda = \text{const}$ in light of observations. <i>Europhysics Letters</i> , 2018, 121, 39001.	0.7	73
34	Density perturbations for running vacuum: a successful approach to structure formation and to the H_0 -tension. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 126-145.	1.6	72
35	Cosmological constant, renormalization group and Planck scale physics. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2004, 127, 71-76.	0.5	71
36	Strong effects on the hadronic widths of the neutral Higgs bosons in the MSSM. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 389, 312-320.	1.5	70

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55	Prospects for heavy supersymmetric charged Higgs boson searches at hadron colliders. Journal of High Energy Physics, 2002, 2002, 059-059.	1.6	51
56	Gravitational and chiral anomalies in the running vacuum universe and matter-antimatter asymmetry. Physical Review D, 2020, 101, .	1.6	50
57	Full electroweak supersymmetric quantum effects on Rb in the MSSM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 347, 321-331.	1.5	49
58	Supersymmetric QCD corrections to the top quark decay of a heavy charged Higgs boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 389, 53-61.	1.5	49
59	Cosmological constant Λ dynamical vacuum: Bold challenging the Λ CDM. International Journal of Modern Physics A, 2016, 31, 1630035.	0.5	46
60	Can dark energy be expressed as a power series of the Hubble parameter?. Physical Review D, 2019, 100, .	1.6	46
61	FROM INFLATION TO DARK ENERGY THROUGH A DYNAMICAL Λ : AN ATTEMPT AT ALLEVIATING FUNDAMENTAL COSMIC PUZZLES. International Journal of Modern Physics D, 2013, 22, 1342008.	0.9	45
62	Cosmic perturbations with running G and Λ . Classical and Quantum Gravity, 2010, 27, 105004.	1.5	44
63	Running vacuum in the Universe and the time variation of the fundamental constants of Nature. European Physical Journal C, 2017, 77, 1.	1.4	43
64	Spherical collapse model in time varying vacuum cosmologies. Physical Review D, 2010, 82, .	1.6	42
65	Supersymmetric electroweak renormalization of the Z-width in the MSSM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 347, 309-320.	1.5	40
66	Fermionic decays of sfermions: a complete discussion at one-loop order. Journal of High Energy Physics, 2002, 2002, 040-040.	1.6	40
67	Background history and cosmic perturbations for a general system of self-conserved dynamical dark energy and matter. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 048-048.	1.9	40
68	Snowmass2021 - Letter of interest cosmology intertwined IV: The age of the universe and its curvature. Astroparticle Physics, 2021, 131, 102607.	1.9	39
69	Dynamically avoiding fine-tuning the cosmological constant: the "Relaxed Universe". Journal of Cosmology and Astroparticle Physics, 2010, 2010, 029-029.	1.9	38
70	Supersymmetric QCD corrections to the charged Higgs boson decay of the top quark. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 360, 47-56.	1.5	37
71	Snowmass2021 - Letter of interest cosmology intertwined I: Perspectives for the next decade. Astroparticle Physics, 2021, 131, 102606.	1.9	37
72	The cosmological constant and the fate of the cosmon in Weyl conformal gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 228, 317-324.	1.5	36

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73	Nonsingular decaying vacuum cosmology and entropy production. <i>General Relativity and Gravitation</i> , 2015, 47, 1.	0.7	36
74	Higgs boson flavor-changing neutral decays into top quark in a general two-Higgs-doublet model. <i>Nuclear Physics B</i> , 2003, 675, 270-288.	0.9	35
75	Thermodynamical aspects of running vacuum models. <i>European Physical Journal C</i> , 2016, 76, 1.	1.4	34
76	Particle and entropy production in the running vacuum universe. <i>General Relativity and Gravitation</i> , 2020, 52, 1.	0.7	34
77	The quantum correlation $R_b \hat{=} R_c$ in the MSSM: more hints of supersymmetry?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 354, 335-344.	1.5	33
78	Prospects for supersymmetric charged Higgs boson discovery at the Fermilab Tevatron and the CERN Large Hadron Collider. <i>Physical Review D</i> , 2002, 65, .	1.6	33
79	Relaxing a large cosmological constant. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 678, 427-433.	1.5	33
80	New phase of QED?. <i>Physical Review D</i> , 1988, 37, 2492-2498.	1.6	32
81	Full electroweak one-loop radiative corrections to squark decays in the MSSM. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 510, 211-220.	1.5	32
82	Effective equation of state for running vacuum: 'mirage' quintessence and phantom dark energy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 3331-3342.	1.6	32
83	Starobinsky-Like Inflation and Running Vacuum in the Context of Supergravity. <i>Universe</i> , 2016, 2, 14.	0.9	32
84	Radiative corrections to weak boson masses from supersymmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984, 137, 257-260.	1.5	31
85	Electroweak supersymmetric quantum corrections to the top quark width. <i>Nuclear Physics B</i> , 1994, 427, 53-80.	0.9	31
86	Matching the low- and high-energy determinations of $\hat{\Gamma}_s(M_Z)$ in the MSSM. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 357, 349-358.	1.5	31
87	The cosmological constant and entropy problems: Mysteries of the present with profound roots in the past. <i>International Journal of Modern Physics D</i> , 2015, 24, 1544027.	0.9	31
88	Quantum anomalies in string-inspired running vacuum universe: Inflation and axion dark matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 803, 135342.	1.5	31
89	Stringy-running-vacuum-model inflation: from primordial gravitational waves and stiff axion matter to dynamical dark energy. <i>European Physical Journal: Special Topics</i> , 2021, 230, 2077-2110.	1.2	31
90	Renormalizing the vacuum energy in cosmological spacetime: implications for the cosmological constant problem. <i>European Physical Journal C</i> , 2022, 82, .	1.4	30

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91	Single top-quark production by direct supersymmetric flavor-changing neutral-current interactions at the LHC. Nuclear Physics, Section B, Proceedings Supplements, 2006, 157, 152-156.	0.5	29
92	Effective growth of matter density fluctuations in the running $\hat{\Lambda}$ CDM and $\hat{\Lambda}$ XCDM models. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 007-007.	1.9	29
93	Composite dark energy: Cosmon models with running cosmological term and gravitational coupling. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 645, 235-244.	1.5	29
94	Triple Higgs boson production in the linear collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 659, 297-307.	1.5	29
95	Strong supersymmetric quantum effects on the top quark width. Nuclear Physics B, 1995, 454, 75-85.	0.9	27
96	The Relaxed Universe: Towards solving the cosmological constant problem dynamically from an effective action functional of gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 688, 269-272.	1.5	27
97	Vacuum energy and cosmological evolution. , 2014, , .		27
98	Growth index of matter perturbations in running vacuum models. Physical Review D, 2015, 92, .	1.6	27
99	The cosmological constant problem and running vacuum in the expanding universe. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2022, 380, .	1.6	27
100	Cosmological constant problems and the renormalization group. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 6583-6593.	0.7	25
101	Brans-Dicke cosmology mimicking running vacuum. Modern Physics Letters A, 2018, 33, 1850228.	0.5	25
102	\hat{r} in the Two-Higgs-Doublet Model at full one loop level and beyond. European Physical Journal C, 2013, 73, 1.	1.4	24
103	Fundamental constants and cosmic vacuum: The micro and macro connection. Modern Physics Letters A, 2015, 30, 1540034.	0.5	24
104	Higgs Boson Flavor-Changing Neutral Decays into Bottom Quarks in Supersymmetry. Journal of High Energy Physics, 2004, 2004, 018-018.	1.6	23
105	Production and FCNC decay of supersymmetric Higgs bosons into heavy quarks in the LHC. Journal of High Energy Physics, 2005, 2005, 113-113.	1.6	23
106	Confronting the relaxation mechanism for a large cosmological constant with observations. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 050-050.	1.9	23
107	Low-energy neutrino scattering: A probe of the ZWW interaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 197, 437-442.	1.5	22
108	Radiative pion decay: Determination of $F_A(0)$ from $\tilde{l},$ -lepton decay data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 208, 131-134.	1.5	22

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109	Implications on the supersymmetric Higgs sector from top quark decays at the Tevatron. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 416, 353-360.	1.5	22
110	Top quark decay into charged Higgs boson in a general Two-Higgs-Doublet Model: implications for the tevatron data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 442, 326-334.	1.5	22
111	Single top-quark production by strong and electroweak supersymmetric flavor-changing interactions at the LHC. <i>Journal of High Energy Physics</i> , 2007, 2007, 054-054.	1.6	22
112	Neutral Higgs-pair production at linear colliders within the general two-Higgs-doublet model: Quantum effects and triple Higgs boson self-interactions. <i>Physical Review D</i> , 2010, 81, .	1.6	22
113	Inflationary physics and trans-Planckian conjecture in the stringy running vacuum model: from the phantom vacuum to the true vacuum. <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	22
114	Contribution to the Muon Anomaly from Superstring-Inspired Models. <i>Physical Review Letters</i> , 1986, 57, 2348-2350.	2.9	21
115	FCNC-induced heavy-quark events at the LHC from supersymmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 668, 364-372.	1.5	21
116	Radiative signal for light neutral supersymmetric particle production in $e^+e^- \rightarrow \gamma \gamma$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1982, 114, 35-38.	1.5	20
117	Heavy charged Higgs boson decaying into top quark in the MSSM. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 425, 329-336.	1.5	20
118	Cosmology with variable parameters and effective equation of state for dark energy. <i>Journal of Physics A</i> , 2006, 39, 6753-6760.	1.6	20
119	Consistency tests of the stability of fundamental couplings and unification scenarios. <i>Physical Review D</i> , 2014, 89, .	1.6	20
120	Vacuum dynamics in the Universe versus a rigid $\hat{\rho} = \text{const.}$. <i>International Journal of Modern Physics A</i> , 2017, 32, 1730014.	0.5	20
121	Tensions in the $\hat{\rho}$ -CDM and vacuum dynamics. <i>International Journal of Modern Physics A</i> , 2018, 33, 1844009.	0.5	20
122	Higgs boson pair production through gauge boson fusion at linear colliders within the general 2HDM. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 673, 47-56.	1.5	19
123	Cosmographic approach to Running Vacuum dark energy models: New constraints using BAOs and Hubble diagrams at higher redshifts. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	18
124	Single Higgs-boson production through $\hat{\rho}^3$ scattering within the general 2HDM. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 677, 39-47.	1.5	17
125	Insights into the reproduction of some Antarctic dendroceratid, poecilosclerid, and haplosclerid demosponges. <i>PLoS ONE</i> , 2018, 13, e0192267.	1.1	17
126	Some Like It Fat: Comparative Ultrastructure of the Embryo in Two Demosponges of the Genus <i>Mycale</i> (Order Poecilosclerida) from Antarctica and the Caribbean. <i>PLoS ONE</i> , 2015, 10, e0118805.	1.1	16

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127	Brans–Dicke gravity: From Higgs physics to (dynamical) dark energy. International Journal of Modern Physics D, 2018, 27, 1847029.	0.9	16
128	Higgs potential from extended Brans–Dicke theory and the time-evolution of the fundamental constants. Classical and Quantum Gravity, 2017, 34, 025006.	1.5	15
129	Do we come from a quantum anomaly?. International Journal of Modern Physics D, 2019, 28, 1944002.	0.9	15
130	A viable Starobinsky-like inflationary scenario in the light of Planck and BICEP2 results. International Journal of Modern Physics D, 2014, 23, 1442011.	0.9	13
131	Higgs triplet effects in purely leptonic processes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 374, 131-137.	1.5	12
132	The $\tan \beta$ $\hat{a} \rightarrow MH^\pm$ bound from inclusive semi-tauonic B-decays in the MSSM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 406, 337-346.	1.5	12
133	Dark matter, dark energy and the time evolution of masses in the universe. International Journal of Modern Physics A, 2014, 29, 1444016.	0.5	12
134	Scalar field theory description of the running vacuum model: the vacuumon. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 025-025.	1.9	12
135	Friedmann cosmology with decaying vacuum density in Brans–Dicke theory. European Physical Journal C, 2021, 81, 1.	1.4	11
136	Cosmologies with variable parameters and dynamical cosmion: implications on the cosmic coincidence problem. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 6787-6799.	0.7	10
137	Single Higgs-boson production at a photon–photon collider: General 2HDM versus MSSM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 702, 246-255.	1.5	10
138	Quantum Haplodynamics, Dark Matter, and Dark Energy. Advances in High Energy Physics, 2014, 2014, 1-6.	0.5	10
139	Full one-loop renormalization of the ratio of neutral and charged current Fermi constants in supersymmetric extensions of the standard model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 254, 139-147.	1.5	9
140	The cosmological constant in brief. Nuclear Physics, Section B, Proceedings Supplements, 2001, 95, 29-37.	0.5	9
141	Quantum effects on Higgs-strahlung events at linear colliders within the general two-Higgs-doublet model. Physical Review D, 2010, 81, .	1.6	9
142	Sneutrino counting. Nuclear Physics B, 1986, 268, 151-160.	0.9	8
143	Superstring induced mass and magnetic moment of the neutrino and the time modulation of the solar neutrino flux. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 182, 53-58.	1.5	7
144	Supersymmetric three-body decays of the top quark in the MSSM. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 337-354.	1.5	7

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145	RELAXING A LARGE COSMOLOGICAL CONSTANT IN THE ASTROPHYSICAL DOMAIN. Modern Physics Letters A, 2011, 26, 2559-2578.	0.5	7
146	String-Inspired Running Vacuum "The "Vacuum" And the Swampland Criteria. Universe, 2020, 6, 218.	0.9	7
147	SUSY Higgs boson flavor-changing neutral currents at the LHC. Nuclear Physics, Section B, Proceedings Supplements, 2006, 157, 147-151.	0.5	6
148	Dynamical cosmological term in modified gravity. Fortschritte Der Physik, 2011, 59, 1108-1112.	1.5	5
149	Cosmology with running parameters. Journal of Physics: Conference Series, 2006, 39, 179-181.	0.3	4
150	Towards the Graceful Exit From the Anomaly-Induced Inflation. Russian Physics Journal, 2002, 45, 727-733.	0.2	3
151	Sfermion precision measurements at a linear collider. Nuclear Physics, Section B, Proceedings Supplements, 2003, 117, 807-810.	0.5	3
152	Fermionic decays of sfermions in the MSSM: a full one-loop calculation. Nuclear Physics, Section B, Proceedings Supplements, 2003, 116, 301-305.	0.5	3
153	Λ CDM cosmologies: solving the cosmological coincidence problem?. AIP Conference Proceedings, 2006, , .	0.3	3
154	What is there in the black box of dark energy: variable cosmological parameters or multiple (interacting) components?. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 6935-6940.	0.7	3
155	Neutral Higgs boson pair production at Linear Colliders. Fortschritte Der Physik, 2010, 58, 660-664.	1.5	3
156	Production of heavy charged Higgs particles at very high energies. Physical Review D, 1981, 23, 95-98.	1.6	2
157	Two-photon production of squarks and sleptons. Zeitschrift Für Physik C-Particles and Fields, 1983, 18, 185-187.	1.5	2
158	Quantum SUSY signatures in low and high energy processes. Pramana - Journal of Physics, 1998, 51, 239-248.	0.9	2
159	Supersymmetric effects on heavy charged Higgs boson production in hadron colliders. Nuclear Physics, Section B, Proceedings Supplements, 2003, 116, 296-300.	0.5	2
160	Development of 10 microsatellite markers for the Atlanto-Mediterranean sponge Petrosia ficiformis. Conservation Genetics Resources, 2015, 7, 895-897.	0.4	2
161	E6 based mechanism for the generation of fermion electric dipole moments: An application to the solar neutrino puzzle. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 189, 63-67.	1.5	1
162	Looking for quantum SUSY signatures in top quark decays at hadron colliders. Nuclear Physics, Section B, Proceedings Supplements, 1998, 66, 100-103.	0.5	1

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163	Semiclassical Cosmology with Running Cosmological Constant. , 2005, , 59-71.		1
164	DARK ENERGY PERTURBATIONS AND A POSSIBLE SOLUTION TO THE COINCIDENCE PROBLEM. , 2009, , .		1
165	Supersymmetric corrections to the Higgs boson decay widths in the MSSM. Nuclear Physics, Section B, Proceedings Supplements, 1997, 52, 70-72.	0.5	0
166	IRGAC 2006. Journal of Physics A: Mathematical and Theoretical, 2007, 40, .	0.7	0
167	Matter density fluctuations in the running $\hat{\Lambda}$ CDM and $\hat{\Lambda}$ XCDM models. EAS Publications Series, 2009, 36, 211-212.	0.3	0
168	The anomaly-induced effective action and natural inflation. , 2003, , .		0
169	Running vacuum in the universe: Current phenomenological status. , 2017, , .		0
170	Quantum Anomalies, Running Vacuum and Leptogenesis: an Interplay. , 2019, , .		0