

George Lazarides

List of Publications by Year in descending order

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94
papers

5,326
citations

117571

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79644

73
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94
all docs

94
docs citations

94
times ranked

4816
citing authors

#	ARTICLE	IF	CITATIONS
1	Primordial monopoles and strings, inflation, and gravity waves. Journal of High Energy Physics, 2021, 2021, 1.	1.6	26
2	Shifted $\langle m \rangle^{1/4}$ -hybrid inflation, gravitino dark matter, and observable gravity waves. Physical Review D, 2021, 103, .	1.6	10
3	Electroweak monopoles and magnetic dumbbells in grand unified theories. Physical Review D, 2021, 103, .	1.6	5
4	Triply charged monopole and magnetic quarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 818, 136363.	1.5	7
5	Dirac plus Nambu monopoles in the Standard Model. Physical Review D, 2021, 104, .	1.6	4
6	Cosmic strings, inflation, and gravity waves. Physical Review D, 2021, 104, .	1.6	23
7	Axion model with intermediate scale fermionic dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135603.	1.5	10
8	Proton decay in supersymmetric SU(4) _c × SU(2) _L × SU(2) _R . Journal of High Energy Physics, 2020, 2020, 1.	1.6	2
9	Spontaneous Breaking of Lepton Number and the Cosmological Domain Wall Problem. Physical Review Letters, 2019, 122, 151301.	2.9	11
10	Monopoles, strings, and necklaces in SO(10) and E6. Journal of High Energy Physics, 2019, 2019, 1.	1.6	26
11	Axion, $\langle m \rangle^{1/4}$ term, and supersymmetric hybrid inflation. Physical Review D, 2017, 95, .	1.6	3
12	Light sterile neutrinos, dark matter, and new resonances in a U(1) × M ₁ extension of the MSSM. Physical Review D, 2017, 96, .	1.6	2
13	Diphoton resonances in a U(1) × M ₁ extension of the minimal supersymmetric standard model. Physical Review D, 2016, 93, .	1.6	10
14	Probing the hyperbolic branch/focus point region of the constrained minimal supersymmetric standard model with generalized Yukawa quasiunification. Physical Review D, 2015, 92, .	1.6	2
15	Gravitational waves from double hybrid inflation. Physical Review D, 2015, 92, .	1.6	3
16	Shift symmetry and Higgs inflation in supergravity with observable gravitational waves. Journal of High Energy Physics, 2015, 2015, 1.	1.6	16
17	Inflation, leptogenesis, and Yukawa quasiunification within a supersymmetric left-right model. Physical Review D, 2014, 89, .	1.6	5
18	Constrained minimal supersymmetric standard model with generalized Yukawa quasiunification. Physical Review D, 2013, 87, .	1.6	6

#	ARTICLE	IF	CITATIONS
19	COLD DARK MATTER AND HIGGS MASS IN THE CONSTRAINED MINIMAL SUPERSYMMETRIC STANDARD MODEL WITH GENERALIZED YUKAWA QUASI-UNIFICATION. International Journal of Modern Physics A, 2013, 28, 1330048.	0.5	5
20	Eliminating the \hat{I} -problem in SUGRA hybrid inflation with vector backreaction. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 018-018.	1.9	15
21	How to Remedy the \hat{I} -problem of SUSY GUT hybrid inflation via vector backreaction. , 2012, , .		0
22	Dark Matter and Higgs Mass in the CMSSM with Yukawa Quasi-Unification. Journal of Physics: Conference Series, 2012, 384, 012012.	0.3	9
23	CMSSM with Yukawa quasi-unification revisited. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 43-50.	1.5	14
24	F-term hybrid inflation followed by a Peccei-Quinn phase transition. Physical Review D, 2010, 82, .	1.6	6
25	Cosmological properties of a gauged axion. Physical Review D, 2010, 82, .	1.6	7
26	Semishifted hybrid inflation with $B\tilde{L}$ cosmic strings. Physical Review D, 2008, 78, .	1.6	16
27	HYBRID INFLATION FOLLOWED BY MODULAR INFLATION. International Journal of Modern Physics A, 2007, 22, 5747-5759.	0.5	5
28	Modular Inflation and the Curvaton. AIP Conference Proceedings, 2007, , .	0.3	0
29	New smooth hybrid inflation. Physical Review D, 2007, 76, .	1.6	20
30	Standard-smooth hybrid inflation. Physical Review D, 2007, 76, .	1.6	10
31	Reducing the spectral index in F-term hybrid inflation through a complementary modular inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 651, 216-223.	1.5	18
32	Particle Physics Approach to Dark Matter. , 2007, , 3-34.		9
33	Modular inflation and the orthogonal axion as the curvaton. Physical Review D, 2006, 73, .	1.6	23
34	Basics of inflationary cosmology. Journal of Physics: Conference Series, 2006, 53, 528-550.	0.3	26
35	Density perturbations from both the inflaton and the curvaton. Nuclear Physics, Section B, Proceedings Supplements, 2005, 148, 84-95.	0.5	6
36	Nonthermal leptogenesis via direct inflaton decay without $SU(2)_L$ triplets. Physical Review D, 2005, 72, .	1.6	10

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37	YUKAWA QUASI-UNIFICATION AND INFLATION. , 2005, , .		0
38	Constraints on a mixed inflaton and curvaton scenario for the generation of the curvature perturbation. Physical Review D, 2004, 70, .	1.6	62
39	Yukawa quasi-unification with $\hat{m}_{1/4} < 0$. Physical Review D, 2003, 67, .	1.6	38
40	Curvaton dynamics. Physical Review D, 2003, 68, .	1.6	90
41	The Peccei-Quinn field as curvaton. Journal of High Energy Physics, 2003, 2003, 057-057.	1.6	60
42	New shifted hybrid inflation. Journal of High Energy Physics, 2002, 2002, 069-069.	1.6	32
43	Yukawa quasi-unification. Nuclear Physics B, 2002, 638, 165-185.	0.9	97
44	Inflationary Cosmology. Lecture Notes in Physics, 2002, , 351-391.	0.3	46
45	Cold dark matter and $\hat{m}_{1/4}^3$ in the Ho $\hat{m}_{1/4}^3$ Witten theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 508, 327-334.	1.5	14
46	Leptogenesis in smooth hybrid inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 506, 344-350.	1.5	46
47	Supersymmetric Hybrid Inflation. , 2001, , 399-419.		4
48	Yukawa unification, $\hat{m}_{1/4}^3$ and bino $\hat{m}_{1/4}^3$ stau coannihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 487, 313-320.	1.5	139
49	Monopoles, axions and intermediate mass dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 489, 194-202.	1.5	23
50	Inflation and monopoles in supersymmetric $SU(4)_c \times SU(2)_L \times SU(2)_R$. Journal of High Energy Physics, 2000, 2000, 012-012.	1.6	130
51	Supersymmetric cold dark matter with Yukawa unification. Physical Review D, 2000, 61, .	1.6	173
52	Degenerate neutrinos and supersymmetric inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 452, 227-233.	1.5	15
53	Hierarchical neutrinos and supersymmetric inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 482-488.	1.5	35
54	Supersymmetric inflation, baryogenesis and $\hat{m}_{1/4}^3$ oscillations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 427, 53-58.	1.5	27

#	ARTICLE	IF	CITATIONS
55	$\hat{1}/4$ Problem and hybrid inflation in supersymmetric $SU(2)_L$ – $SU(2)_R$ – $U(1)_B$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 424, 259-264.	1.5	107
56	Atmospheric neutrino anomaly and supersymmetric inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 441, 46-51.	1.5	16
57	Two-stage inflation in supergravity. Physical Review D, 1998, 58, .	1.6	30
58	Rsymmetry in the minimal supersymmetric standard model and beyond with several consequences. Physical Review D, 1998, 58, .	1.6	93
59	NEUTRINO MASSES AND MIXING FROM SUPERSYMMETRIC INFLATION. , 1998, , .		0
60	Initial conditions for supersymmetric inflation. Physical Review D, 1997, 56, 4562-4567.	1.6	30
61	Supersymmetric inflation with constraints on superheavy neutrino masses. Physical Review D, 1997, 56, 1324-1327.	1.6	110
62	Initial conditions for smooth hybrid inflation. Physical Review D, 1996, 54, 1369-1373.	1.6	53
63	Smooth hybrid inflation. Physical Review D, 1995, 52, R559-R563.	1.6	132
64	MSSM from SUSY trinification. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 336, 190-193.	1.5	32
65	Large $\tan \hat{1}^2$ from $SU(2)$ gauge symmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 337, 90-94.	1.5	18
66	Radiative electroweak breaking and sparticle spectroscopy with \tan . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 300, 245-250.	1.5	103
67	Supersymmetric unification without proton decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 315, 325-330.	1.5	48
68	Anomalous discrete symmetries and the domain-wall problem. Nuclear Physics B, 1993, 392, 61-82.	0.9	22
69	Fermion masses and mixing in $SO(10)$. Nuclear Physics B, 1991, 350, 179-192.	0.9	32
70	Origin of matter in the inflationary cosmology. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 258, 305-309.	1.5	239
71	Top-quark-mass prediction from supersymmetric grand unified theories. Physical Review D, 1991, 44, 1613-1615.	1.6	234
72	$ \text{Vcb} \hat{a} \% f (mc/mt)^{1/2}$?. Modern Physics Letters A, 1990, 05, 2453-2456.	0.5	9

#	ARTICLE	IF	CITATIONS
73	More on the classification of three generation superstring models. Nuclear Physics B, 1990, 329, 182-192.	0.9	16
74	Nonexistence of spherically symmetric monopole solutions in the three-generation superstring model. Physical Review D, 1989, 39, 1239-1241.	1.6	5
75	Fermionic zero modes for cosmic strings. Nuclear Physics B, 1989, 316, 443-455.	0.9	11
76	Phenomenology with a three generation superstring model. Nuclear Physics B, 1989, 323, 614-630.	0.9	19
77	Classification of three generation superstring models according to their discrete symmetries. Nuclear Physics B, 1989, 323, 374-392.	0.9	23
78	Generalized index theorem for string superconductivity in realistic models. Physical Review D, 1988, 38, 547-551.	1.6	10
79	Magnetic monopoles from superstring models. Physical Review Letters, 1987, 58, 1707-1710.	2.9	57
80	Superstring motivated gauge models based on a rank six subgroup of E_6 . Zeitschrift für Physik C-Particles and Fields, 1987, 34, 553-554.	1.5	4
81	Phenomenology and cosmology with superstrings. Physical Review Letters, 1986, 56, 432-435.	2.9	125
82	Superconducting domain walls. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 159, 261-264.	1.5	34
83	Extended structures at intermediate scales in an inflationary cosmology. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 148, 35-38.	1.5	49
84	Axions and the dark matter of the Universe. Physical Review D, 1983, 27, 995-997.	1.6	65
85	Walls bounded by strings. Physical Review D, 1982, 26, 435-439.	1.6	223
86	Consequences of a Monopole with Dirac Magnetic Charge. Physical Review Letters, 1982, 49, 1756-1758.	2.9	34
87	Cosmic strings and domains in unified theories. Nuclear Physics B, 1982, 195, 157-172.	0.9	39
88	Axion models with no domain wall problem. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1982, 115, 21-25.	1.5	170
89	Strings in $SO(10)$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1982, 113, 237-239.	1.5	201
90	Proton lifetime and fermion masses in an $SO(10)$ model. Nuclear Physics B, 1981, 181, 287-300.	0.9	1,257

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91	Superheavy magnetic monopole hunt. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1981, 100, 21-24.	1.5	57
92	Phase transitions and magnetic monopoles in SO(10). Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1980, 97, 87-92.	1.5	88
93	The fate of primordial magnetic monopoles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1980, 94, 149-152.	1.5	72
94	SU(5) monopoles, magnetic symmetry and confinement. Nuclear Physics B, 1980, 170, 156-164.	0.9	58