

George Lazarides

List of Publications by Year in descending order

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94
papers

5,326
citations

117571

34
h-index

79644

73
g-index

94
all docs

94
docs citations

94
times ranked

4816
citing authors

#	ARTICLE	IF	CITATIONS
1	Proton lifetime and fermion masses in an SO(10) model. Nuclear Physics B, 1981, 181, 287-300.	0.9	1,257
2	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
3	Top-quark-mass prediction from supersymmetric grand unified theories. Physical Review D, 1991, 44, 1613-1615.	1.6	234
4	Walls bounded by strings. Physical Review D, 1982, 26, 435-439.	1.6	223
5	Strings in SO(10). Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1982, 113, 237-239.	1.5	201
6	Supersymmetric cold dark matter with Yukawa unification. Physical Review D, 2000, 61, .	1.6	173
7	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
8	Yukawa unification, $b\hat{t}'s\hat{l}^3$ and $bino\hat{e}^{\prime}stau$ coannihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 487, 313-320.	1.5	139
9	Smooth hybrid inflation. Physical Review D, 1995, 52, R559-R563.	1.6	132
10	Inflation and monopoles in supersymmetric SU(4) _c \hat{A} –SU(2) _L \hat{A} –SU(2) _R . Journal of High Energy Physics, 2000, 2000, 012-012.	1.6	130
11	Phenomenology and cosmology with superstrings. Physical Review Letters, 1986, 56, 432-435.	2.9	125
12	Supersymmetric inflation with constraints on superheavy neutrino masses. Physical Review D, 1997, 56, 1324-1327.	1.6	110
13	$\hat{1}/4$ Problem and hybrid inflation in supersymmetric SU(2) _L –SU(2) _R –U(1) _B –L. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 424, 259-264.	1.5	107
14	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
15	Yukawa quasi-unification. Nuclear Physics B, 2002, 638, 165-185.	0.9	97
16	Rsymmetry in the minimal supersymmetric standard model and beyond with several consequences. Physical Review D, 1998, 58, .	1.6	93
17	Curvaton dynamics. Physical Review D, 2003, 68, .	1.6	90
18	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

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19	The fate of primordial magnetic monopoles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1980, 94, 149-152.	1.5	72
20	Axions and the dark matter of the Universe. Physical Review D, 1983, 27, 995-997.	1.6	65
21	Constraints on a mixed inflaton and curvaton scenario for the generation of the curvature perturbation. Physical Review D, 2004, 70, .	1.6	62
22	The Peccei-Quinn field as curvaton. Journal of High Energy Physics, 2003, 2003, 057-057.	1.6	60
23	SU(5) monopoles, magnetic symmetry and confinement. Nuclear Physics B, 1980, 170, 156-164.	0.9	58
24	Superheavy magnetic monopole hunt. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1981, 100, 21-24.	1.5	57
25	Magnetic monopoles from superstring models. Physical Review Letters, 1987, 58, 1707-1710.	2.9	57
26	Initial conditions for smooth hybrid inflation. Physical Review D, 1996, 54, 1369-1373.	1.6	53
27	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
28	Supersymmetric unification without proton decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 315, 325-330.	1.5	48
29	Leptogenesis in smooth hybrid inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 506, 344-350.	1.5	46
30	Inflationary Cosmology. Lecture Notes in Physics, 2002, , 351-391.	0.3	46
31	Cosmic strings and domains in unified theories. Nuclear Physics B, 1982, 195, 157-172.	0.9	39
32	Yukawa quasi-unification with $\hat{1}/4 < 0$. Physical Review D, 2003, 67, .	1.6	38
33	Hierarchical neutrinos and supersymmetric inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 482-488.	1.5	35
34	Consequences of a Monopole with Dirac Magnetic Charge. Physical Review Letters, 1982, 49, 1756-1758.	2.9	34
35	Superconducting domain walls. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 159, 261-264.	1.5	34
36	Fermion masses and mixing in SO(10). Nuclear Physics B, 1991, 350, 179-192.	0.9	32

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37	MSSM from SUSY trinification. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 336, 190-193.	1.5	32
38	New shifted hybrid inflation. Journal of High Energy Physics, 2002, 2002, 069-069.	1.6	32
39	Initial conditions for supersymmetric inflation. Physical Review D, 1997, 56, 4562-4567.	1.6	30
40	Two-stage inflation in supergravity. Physical Review D, 1998, 58, .	1.6	30
41	Supersymmetric inflation, baryogenesis and $\hat{1}/2\hat{1}/4\hat{1}/2\hat{1}$, oscillations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 427, 53-58.	1.5	27
42	Basics of inflationary cosmology. Journal of Physics: Conference Series, 2006, 53, 528-550.	0.3	26
43	Monopoles, strings, and necklaces in SO(10) and E6. Journal of High Energy Physics, 2019, 2019, 1.	1.6	26
44	Primordial monopoles and strings, inflation, and gravity waves. Journal of High Energy Physics, 2021, 2021, 1.	1.6	26
45	Classification of three generation superstring models according to their discrete symmetries. Nuclear Physics B, 1989, 323, 374-392.	0.9	23
46	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
47	Modular inflation and the orthogonal axion as the curvaton. Physical Review D, 2006, 73, .	1.6	23
48	Cosmic strings, inflation, and gravity waves. Physical Review D, 2021, 104, .	1.6	23
49	Anomalous discrete symmetries and the domain-well problem. Nuclear Physics B, 1993, 392, 61-82.	0.9	22
50	New smooth hybrid inflation. Physical Review D, 2007, 76, .	1.6	20
51	Phenomenology with a three generation superstring model. Nuclear Physics B, 1989, 323, 614-630.	0.9	19
52	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
53	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
54	More on the classification of three generation superstring models. Nuclear Physics B, 1990, 329, 182-192.	0.9	16

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55	Atmospheric neutrino anomaly and supersymmetric inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 441, 46-51.	1.5	16
56	Semishifted hybrid inflation with B^{\pm} cosmic strings. Physical Review D, 2008, 78, .	1.6	16
57	Shift symmetry and Higgs inflation in supergravity with observable gravitational waves. Journal of High Energy Physics, 2015, 2015, 1.	1.6	16
58	Degenerate neutrinos and supersymmetric inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 452, 227-233.	1.5	15
59	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
60	Cold dark matter and \hat{I} in the Ho Λ CDM Witten theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 508, 327-334.	1.5	14
61	CMSSM with Yukawa quasi-unification revisited. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 43-50.	1.5	14
62	Fermionic zero modes for cosmic strings. Nuclear Physics B, 1989, 316, 443-455.	0.9	11
63	Spontaneous Breaking of Lepton Number and the Cosmological Domain Wall Problem. Physical Review Letters, 2019, 122, 151301.	2.9	11
64	Generalized index theorem for string superconductivity in realistic models. Physical Review D, 1988, 38, 547-551.	1.6	10
65	Nonthermal leptogenesis via direct inflaton decay without $SU(2)_L$ triplets. Physical Review D, 2005, 72, .	1.6	10
66	Standard-smooth hybrid inflation. Physical Review D, 2007, 76, .	1.6	10
67	Diphoton resonances in a $U(1) \times B^{\pm}$ extension of the minimal supersymmetric standard model. Physical Review D, 2016, 93, .	1.6	10
68	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
69	Shifted $\langle m_{\nu} \rangle \approx \frac{1}{4} m_{\nu}^{\text{max}}$ -hybrid inflation, gravitino dark matter, and observable gravity waves. Physical Review D, 2021, 103, .	1.6	10
70	$ s \approx \sqrt{\frac{1}{2}} \frac{m_{\nu}}{m_{\text{pl}}}$. Modern Physics Letters A, 1990, 05, 2453-2456.	0.5	9
71	Dark Matter and Higgs Mass in the CMSSM with Yukawa Quasi-Unification. Journal of Physics: Conference Series, 2012, 384, 012012.	0.3	9
72	Particle Physics Approach to Dark Matter. , 2007, , 3-34.		9

#	ARTICLE	IF	CITATIONS
73	Cosmological properties of a gauged axion. Physical Review D, 2010, 82, .	1.6	7
74	Triply charged monopole and magnetic quarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 818, 136363.	1.5	7
75	Density perturbations from both the inflaton and the curvaton. Nuclear Physics, Section B, Proceedings Supplements, 2005, 148, 84-95.	0.5	6
76	F-term hybrid inflation followed by a Peccei-Quinn phase transition. Physical Review D, 2010, 82, .	1.6	6
77	Constrained minimal supersymmetric standard model with generalized Yukawa quasiunification. Physical Review D, 2013, 87, .	1.6	6
78	Nonexistence of spherically symmetric monopole solutions in the three-generation superstring model. Physical Review D, 1989, 39, 1239-1241.	1.6	5
79	HYBRID INFLATION FOLLOWED BY MODULAR INFLATION. International Journal of Modern Physics A, 2007, 22, 5747-5759.	0.5	5
80	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
81	Inflation, leptogenesis, and Yukawa quasiunification within a supersymmetric left-right model. Physical Review D, 2014, 89, .	1.6	5
82	Electroweak monopoles and magnetic dumbbells in grand unified theories. Physical Review D, 2021, 103, .	1.6	5
83	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
84	Dirac plus Nambu monopoles in the Standard Model. Physical Review D, 2021, 104, .	1.6	4
85	Supersymmetric Hybrid Inflation. , 2001, , 399-419.		4
86	Gravitational waves from double hybrid inflation. Physical Review D, 2015, 92, .	1.6	3
87	Axion, $\frac{1}{4}$ term, and supersymmetric hybrid inflation. Physical Review D, 2017, 95, .	1.6	3
88	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
89	Light sterile neutrinos, dark matter, and new resonances in a U(1) extension of the MSSM. Physical Review D. 2017, 96, .	1.6	2
90	Proton decay in supersymmetric SU(4) _c × SU(2) _L × SU(2) _R . Journal of High Energy Physics, 2020, 2020, 1.	1.6	2

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91	Modular Inflation and the Curvaton. AIP Conference Proceedings, 2007, , .	0.3	0
92	How to Remedy the $\hat{\tau}$ -problem of SUSY GUT hybrid inflation via vector backreaction. , 2012, , .		0
93	YUKAWA QUASI-UNIFICATION AND INFLATION. , 2005, , .		0
94	NEUTRINO MASSES AND MIXING FROM SUPERSYMMETRIC INFLATION. , 1998, , .		0