Roman B Nevzorov

List of Publications by Year
in descending order

73	1,891	257450 24	265206 42
papers	citations	h-index	g-index

74	74	74	1594
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	E6 GUT and Baryon Asymmetry Generation in the E6CHM. Universe, 2022, 8, 33.	2.5	3
2	A Review of the Exceptional Supersymmetric Standard Model. Symmetry, 2020, 12, 557.	2.2	14
3	Predicting the SUSY breaking scale in SUGRA models with degenerate vacua. International Journal of Modern Physics A, 2020, 35, 2050007.	1.5	1
4	Higgs Boson with Mass around 125 GeV in SUSY Extensions of the SM. Physics of Atomic Nuclei, 2020, 83, 338-350.	0.4	5
5	E6 Inspired Composite Higgs Model and Baryon Asymmetry Generation. Physics of Particles and Nuclei, 2020, 51, 709-713.	0.7	3
6	Cosmological Constant in SUGRA Models with Degenerate Vacua. Universe, 2019, 5, 214.	2.5	0
7	E6 inspired SUSY models with custodial symmetry. International Journal of Modern Physics A, 2018, 33, 1844007.	1.5	9
8	Generation of baryon asymmetry in the E6CHM. EPJ Web of Conferences, 2018, 191, 02004.	0.3	2
9	Leptogenesis as an origin of hot dark matter and baryon asymmetry in the E6 inspired SUSY models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 779, 223-229.	4.1	11
10	Dark energy density in SUGRA models and degenerate vacua. International Journal of Modern Physics A, 2017, 32, 1730013.	1.5	2
11	Baryon asymmetry generation in the E 6 CHM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 123-129.	4.1	7
12	LHC signatures of neutral pseudo-Goldstone boson in the E 6CHM. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 075003.	3.6	6
13	EXOTIC HIGGS DECAYS IN U(1) EXTENSIONS OF THE MSSM. , 2017, , 487-490.		3
14	E6inspired composite Higgs model and 750 GeV diphoton excess. EPJ Web of Conferences, 2016, 125, 02021.	0.3	4
15	Nonstandard Higgs decays in the E6 inspired SUSY models. Nuclear and Particle Physics Proceedings, 2016, 273-275, 690-695.	0.5	12
16	E 6 inspired SUSY benchmarks, dark matter relic density and a 125 GeV Higgs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 19-25.	4.1	36
17	On the smallness of the cosmological constant. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1465-1470.	0.5	3
18	Dark matter in a constrained E 6 inspired SUSY model. Journal of High Energy Physics, 2016, 2016, 1.	4.7	26

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19	750 GeV diphoton resonance from singlets in an exceptional supersymmetric standard model. Journal of High Energy Physics, 2016, 2016, 1.	4.7	36
20	LHC signatures and cosmological implications of the E6 inspired SUSY models. , 2016, , .		1
21	On the smallness of the cosmological constant in SUGRA models with Planck scale SUSY breaking and degenerate vacua. , 2016, , .		0
22	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>E</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:math>inspired composite Higgs model. Physical Review D, 2015, 92, .	4.7	14
23	Exploring the CP-violating NMSSM: EDM constraints and phenomenology. Nuclear Physics B, 2015, 901, 526-555.	2.5	28
24	Non-standard higgs decays in U(1) extensions of the MSSM. Journal of High Energy Physics, 2015, 2015, 1.	4.7	29
25	Quasifixed point scenarios and the Higgs mass in theE6inspired supersymmetric models. Physical Review D, 2014, 89, .	4.7	23
26	Discovery prospects for NMSSM Higgs bosons at the high-energy Large Hadron Collider. Physical Review D, 2014, 90, .	4.7	50
27	Cosmological constant in SUGRA models with Planck scale SUSY breaking and degenerate vacua. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 737, 167-171.	4.1	9
28	Exotic Higgs decays in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi>E</mml:mi></mml:mrow><mml:mrow><mml:mn>6</mml:mn></mml:mrow></m inspired SUSY models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 210-215.	4.1	32
29	Natural NMSSM Higgs bosons. Nuclear Physics B, 2013, 870, 323-352.	2.5	125
30	Dark matter and nonstandard Higgs decays in the exceptional supersymmetric standard model. AIP Conference Proceedings, 2013, , .	0.4	6
31	On the smallness of the dark energy density in split SUSY models inspired by degenerate vacua. , 2013, , .		2
32	E6inspired supersymmetric models with exact custodial symmetry. Physical Review D, 2013, 87, .	4.7	32
33	MEMORIES OF KAREN AVETOVICH. , 2013, , 212-218.		0
34	Constrained exceptional supersymmetric standard model with a Higgs signal near 125ÂGeV. Physical Review D, 2012, 86, .	4.7	43
35	DARK ENERGY DENSITY IN MODELS WITH SPLIT SUPERSYMMETRY AND DEGENERATE VACUA. International Journal of Modern Physics A, 2012, 27, 1250063.	1.5	6
36	NMSSM Higgs benchmarks near 125 GeV. Nuclear Physics B, 2012, 860, 207-244.	2.5	197

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37	LHC signatures of the constrained exceptional supersymmetric standard model. Physical Review D, 2011, 84, .	4.7	39
38	Novel Higgs decays and dark matter in the exceptional supersymmetric standard model. Physical Review D, 2011, 83, .	4.7	39
39	Dark Energy density in Split SUSY models inspired by degenerate vacua. , 2011, , .		1
40	Theoretical aspects of electroweak symmetry breaking in SUSY models. , 2011, , .		0
41	Nonstandard Higgs decays in the E6SSM. , 2011, , .		0
42	Aspects of the Exceptional Supersymmetric Standard Model. Nuclear Physics, Section B, Proceedings Supplements, 2010, 200-202, 120-129.	0.4	30
43	On the Smallness of the Cosmological Constant in SUGRA Models Inspired by Degenerate Vacua. , 2010, , .		3
44	Phenomenological Consequences of the Constrained Exceptional Supersymmetric Standard Model. , 2010, , .		1
45	Unification of Gauge Couplings in the E[sub 6]SSM. , 2010, , .		4
46	ON THE ORIGIN OF APPROXIMATE CUSTODIAL SYMMETRY IN THE TWO-HIGGS DOUBLET MODEL. International Journal of Modern Physics A, 2009, 24, 5587-5637.	1.5	9
47	Predictions of the constrained exceptional supersymmetric standard model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 448-456.	4.1	58
48	Constrained exceptional supersymmetric standard model. Physical Review D, 2009, 80, .	4.7	69
49	Theoretical upper bound on the mass of the LSP in the MNSSM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 662, 199-207.	4.1	26
50	Leptogenesis in the exceptional supersymmetric standard model: flavour dependent lepton asymmetries. Journal of High Energy Physics, 2008, 2008, 042-042.	4.7	40
51	Smallness of the cosmological constant and the multiple point principle. Journal of Physics: Conference Series, 2008, 110, 072012.	0.4	7
52	Electroweak symmetry breaking in the E6SSM. Journal of Physics: Conference Series, 2008, 110, 072001.	0.4	4
53	Leptogenesis in the E[sub 6]SSM: Flavour Dependent Lepton Asymmetries. , 2008, , .		1
54	Enhanced Higgs boson production and avoidance of CP-violation and FCNC in the MPP inspired 2HDM. Journal of Physics: Conference Series, 2008, 110, 062010.	0.4	3

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55	Leptogenesis in the E6SSM. Journal of Physics: Conference Series, 2008, 110, 082009.	0.4	0
56	E6SSM. AIP Conference Proceedings, 2007, , .	0.4	33
57	Gauge coupling unification in the exceptional supersymmetric Standard Model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 650, 57-64.	4.1	61
58	Fixed point scenario in the two Higgs doublet model inspired by degenerate vacua. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 657, 95-102.	4.1	10
59	Implementation of the multiple point principle in the two-Higgs doublet model of type II. Physical Review D, 2006, 73, .	4.7	18
60	On the smallness of the cosmological constant in SUGRA models. Nuclear Physics B, 2006, 743, 133-152.	2.5	17
61	Exceptional supersymmetric standard model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 634, 278-284.	4.1	119
62	Theory and phenomenology of an exceptional supersymmetric standard model. Physical Review D, 2006, 73, .	4.7	167
63	SPECTRUM OF HIGGS PARTICLES IN THE EXCEPTIONAL SUPERSYMMETRIC STANDARD MODEL. , 2006, , .		5
64	Cosmological constant in SUGRA models and the multiple-point principle. Physics of Atomic Nuclei, 2004, 67, 582-589.	0.4	21
65	The Higgs sector of the next-to-minimal supersymmetric standard model. Nuclear Physics B, 2004, 681, 3-30.	2.5	190
66	Higgs bosons in the simplest SUSY models. Physics of Atomic Nuclei, 2002, 65, 285-298.	0.4	19
67	Quasifixed-point scenario in a modified nonminimal supersymmetric standard model. Physics of Atomic Nuclei, 2002, 65, 335-344.	0.4	18
68	Infrared quasifixed solutions in a nonminimal supersymmetric standard model. Physics of Atomic Nuclei, 2001, 64, 1299-1314.	0.4	24
69	Renormalization of parameters of a soft breakdown of supersymmetry in the regime of strong yukawa coupling within a nonminimal supersymmetric standard model. Physics of Atomic Nuclei, 2001, 64, 1513-1530.	0.4	9
70	Selected problems of supersymmetry phenomenology. Physics-Uspekhi, 2001, 44, 919-930.	2.2	18
71	Particle spectrum in the modified nonminimal supersymmetric standard model in the strong Yukawa coupling regime. Journal of Experimental and Theoretical Physics, 2000, 91, 1079-1097.	0.9	22
72	Stimulated neutrino conversion and bounds on neutrino magnetic moments. Surveys in High Energy Physics, 1998, 13, 241-248.	0.6	0

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73	Stimulated neutrino conversion and bounds on neutrino magnetic moments. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 394, 127-131.	4.1	25