Salah Nasri

List of Publications by Year
in descending order

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112 papers	3,140 citations	126907 33 h-index	161849 54 g-index
114 all docs	114 docs citations	114 times ranked	2871 citing authors

#	Article	IF	Citations
1	Model for neutrino masses and dark matter. Physical Review D, 2003, 67, .	4.7	280
2	Tri-bimaximal neutrino mixing and the family symmetry <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mi mathvariant="script">Z</mml:mi><mml:mn>7</mml:mn></mml:msub><mml:mo>â‹Š</mml:mo><mml:msub><mml:mi mathvariant="script">Z</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 652, 27-33.	4.1	155
3	Observation of inverse Compton emission from a long Î³-ray burst. Nature, 2019, 575, 459-463.	27.8	146
4	Flavor group Î”(3n2). Journal of Mathematical Physics, 2007, 48, .	1.1	108
5	Unitarized pseudoscalar meson scattering amplitudes from three flavor linear sigma models. Physical Review D, 2001, 64, .	4.7	102
6	Leptogenesis, Î¼â€“Ï„ symmetry and <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.com/x.	4.1	89
7	Leptogenesis andÎ¼â^Ï„symmetry. Physical Review D, 2005, 71, .	4.7	80
8	Postsphaleron Baryogenesis. Physical Review Letters, 2006, 97, 131301.	7.8	74
9	The relic abundance of long-lived heavy colored particles. Journal of High Energy Physics, 2008, 2008, 086-086.	4.7	71
10	Simple finite non-Abelian flavor groups. Journal of Mathematical Physics, 2007, 48, 123519.	1.1	64
11	Supersymmetric<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>U</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>1</mml:mn><mml:msup><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 337 Td (stre matters. Physical Review D, 2008, 77, .	4.7	62
12	SO(10) symmetry breaking and type II seesaw formula. Physical Review D, 2004, 70, .	4.7	61
13	Grand unification of <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.com/x	4.1	61
14	Reconciling the CAST and PVLAS Results. Physical Review Letters, 2007, 98, 050402.	7.8	57
15	Proton decay in a minimal SUSY SO(10) model for neutrino mixings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 587, 105-116.	4.1	56
16	Three-loop model of neutrino mass with dark matter. Physical Review D, 2014, 90, .	4.7	56
17	Revival of the thermal sneutrino dark matter. Physical Review D, 2007, 76, .	4.7	55
18	A model of neutrino mass and dark matter with an accidental symmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 430-435.	4.1	49

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19	A model of radiative neutrino mass: with or without dark matter. Journal of High Energy Physics, 2014, 2014, 1.	4.7	48
20	A class of three-loop models with neutrino mass and dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 734, 388-393.	4.1	48
21	Radiative neutrino mass model at the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>e</mml:mi><mml:mo>â^'</mml:mo></mml:msup><mml:msup><mml:mi>e</mml:mi><mml:m collider. Physical Review D, 2014, 89, .	4.7	47
22	Radiative neutrino mass and Majorana dark matter within an inert Higgs doublet model. Physical Review D, 2018, 97, .	4.7	47
23	Dark matter and strong electroweak phase transition in a radiative neutrino mass model. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 035-035.	5.4	46
24	Seesaw right-handed neutrino as the sterile neutrino for LSND. Physical Review D, 2005, 72, .	4.7	45
25	AN APPROACH TO PERMUTATION SYMMETRY FOR THE ELECTROWEAK THEORY. International Journal of Modern Physics A, 2006, 21, 5875-5894.	1.5	44
26	Unified TeV Scale Picture of Baryogenesis and Dark Matter. Physical Review Letters, 2007, 98, 161301.	7.8	44
27	Radion stabilization in compact hyperbolic extra dimensions. Physical Review D, 2002, 66, .	4.7	42
28	Quintessential baryogenesis. Physical Review D, 2003, 67, .	4.7	42
29	A radiative model for the weak scale and neutrino mass via dark matter. Journal of High Energy Physics, 2016, 2016, 1.	4.7	42
30	The scale-invariant scotogenic model. Journal of High Energy Physics, 2016, 2016, 1.	4.7	40
31	Some implications of neutron mirror neutron oscillation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 627, 124-130.	4.1	36
32	A critical analysis of one-loop neutrino mass models with minimal dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 399-404.	4.1	35
33	Light dark matter, light Higgs boson, and the electroweak phase transition. Physical Review D, 2012, 85, .	4.7	32
34	Gravitational waves from phase transitions in models with charged singlets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 119-126.	4.1	32
35	Exact relativistic Î² decay endpoint spectrum. Physical Review C, 2007, 76, .	2.9	31
36	Two-singlet model for light cold dark matter. Physical Review D, 2011, 83, .	4.7	29

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37	Higgs phenomenology in the two-singlet model. Journal of High Energy Physics, 2014, 2014, 1.	4.7	29
38	Scale-invariant models with one-loop neutrino mass and dark matter candidates. Physical Review D, 2016, 94, .	4.7	26
39	Dark radiative inverse seesaw mechanism. Physical Review D, 2016, 93, .	4.7	24
40	Complementary ansatz for the neutrino mass matrix. Physical Review D, 2000, 62, .	4.7	22
41	MODEL FOR SMALL NEUTRINO MASSES AT THE TeV SCALE. Modern Physics Letters A, 2002, 17, 771-778.	1.2	21
42	Dark matter in universal extra dimension models: Kaluza-Klein photon and right-handed neutrino admixture. Physical Review D, 2006, 74, .	4.7	21
43	LeptonicCPviolation in a two parameter model. Physical Review D, 2005, 71, .	4.7	20
44	Mono-Higgs signature in the scotogenic model with Majorana dark matter. Physical Review D, 2020, 101, .	4.7	19
45	Electroweak phase transition in theU(1)â€²MSSM. Physical Review D, 2011, 83, .	4.7	18
46	Right-handed neutrinos: Dark matter, lepton flavor violation, and leptonic collider searches. Physical Review D, 2017, 95, .	4.7	18
47	Effects of two inert scalar doublets on Higgs boson interactions and the electroweak phase transition. Physical Review D, 2015, 92, .	4.7	17
48	Constant-roll brane inflation. Physical Review D, 2020, 101, .	4.7	17
49	Leptogenesis in realistic SO(10) models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 651, 195-207.	4.1	16
50	Scalar sector phenomenology of three-loop radiative neutrino mass models. Physical Review D, 2015, 92, .	4.7	15
51	Avoiding BBN constraints on mirror models for sterile neutrinos. Physical Review D, 2005, 71, .	4.7	14
52	Probing radiative neutrino mass models with dilepton events at the LHC. Physical Review D, 2016, 93, .	4.7	14
53	Compact stars with exotic matter. Physics of the Dark Universe, 2020, 29, 100575.	4.9	14
54	Constraining the cosmic strings gravitational wave spectra in no-scale inflation with viable gravitino dark matter and nonthermal leptogenesis. Physical Review D, 2022, 105, .	4.7	14

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55	Neutrino mass, dark matter, and inflation. Physical Review D, 2004, 70, .	4.7	12
56	Phenomenology of a light cold dark matter two-singlet model. Physical Review D, 2012, 85, .	4.7	12
57	Probing radiative neutrino mass models using trilepton channel at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 225-231.	4.1	12
58	LeptonicCPviolation phases using an ansatz for the neutrino mass matrix and application to leptogenesis. Physical Review D, 2004, 70, .	4.7	11
59	IMPLICATIONS OF Î¼ â†" Ï„ SYMMETRY ON NEUTRINOS AND LEPTOGENESIS. International Journal of Modern Physics A, 2005, 20, 6258-6267.	1.5	11
60	Mixed dark matter in Universal Extra Dimension models with TeV scaleWRandZâ€². Journal of High Energy Physics, 2006, 2006, 067-067.	4.7	11
61	Renormalization group equations of a cold dark matter two-singlet model. Physical Review D, 2013, 88, .	4.7	11
62	Sphalerons and the electroweak phase transition in models with higher scalar representations. Journal of High Energy Physics, 2014, 2014, 1.	4.7	11
63	Bimaximal mixing from the leptonic new texture for triangular mass matrices. Physical Review D, 1999, 60, .	4.7	10
64	Neutrino mass textures and partialÎ¼â€“Ï„symmetry. Physical Review D, 2014, 89, .	4.7	10
65	Entropy production in affine inflation. Physical Review D, 2020, 101, .	4.7	10
66	Phenomenology of the hidden SU(2) vector dark matter model. Physical Review D, 2021, 104, .	4.7	10
67	NATURALNESS IN A SIMPLE TWO HIGGS DOUBLET MODEL. International Journal of Modern Physics A, 2013, 28, 1350036.	1.5	9
68	Charged lepton flavor violation in a class of radiative neutrino mass generation models. Physical Review D, 2018, 97, .	4.7	9
69	Searching for GeV-scale Majorana Dark Matter: inter spem et metum. Journal of High Energy Physics, 2021, 2021, 1.	4.7	9
70	FINE STRUCTURE OF BETA DECAY END POINT SPECTRUM. International Journal of Modern Physics A, 2006, 21, 517-531.	1.5	7
71	Form invariance and symmetry in the neutrino mass matrix. Physical Review D, 2011, 83, .	4.7	7
72	Lepton flavor violation in the inert scalar model with higher representations. Journal of High Energy Physics, 2015, 2015, 1-32.	4.7	7

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73	Affine gravitational scenario for dark matter decay. Physical Review D, 2020, 102, .	4.7	7
74	Comparing the Higgs sector of electroweak theory with the scalar sector of low energy QCD. Physical Review D, 2003, 68, .	4.7	6
75	(Z2)3symmetry of the tripartite model. Physical Review D, 2009, 80, .	4.7	6
76	The Sommerfeld enhancement in the scotogenic model with large electroweak scalar multiplets. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 041-041.	5.4	6
77	ALMA Observations of HCO⁺ and HCN Emission in the Massive Star-forming Region N55 of the Large Magellanic Cloud. Astrophysical Journal, 2020, 902, 140.	4.5	6
78	SIMPLE TWO HIGGS DOUBLET MODEL. International Journal of Modern Physics A, 2008, 23, 5159-5172.	1.5	5
79	(Z2)3symmetry of the nontribimaximal pattern for the neutrino mass matrix. Physical Review D, 2012, 86, .	4.7	5
80	Triple Higgs coupling as a probe of the twin-peak scenario. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 279-283.	4.1	5
81	Scalar-connection gravity and spontaneous scalarization. Physical Review D, 2021, 103, .	4.7	5
82	A natural scotogenic model for neutrino mass & dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 814, 136077.	4.1	5
83	Phase broken <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î¼</mml:mi><mml:mo>â^'</mml:mo><mml:mi>Ï„</mml:mi></mml:math> symmetry and the neutrino mass hierarchy. Physical Review D, 2021, 104, .	4.7	5
84	Brane inflation: Swampland criteria, TCC, and reheating predictions. Astroparticle Physics, 2022, 142, 102734.	4.3	5
85	Neutrino mixing and leptogenesis in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î¼</mml:mi><mml:mo>â^'</mml:mo><mml:mi>Ï„</mml:mi></mml:mrow></mml:math>symmetry. Physical Review D, 2015, 91, .	4.7	4
86	PossibleZ-width probe of a â€œbrane-worldâ€•scenario for neutrino masses. Physical Review D, 2002, 65, .	4.7	3
87	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>U</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>1</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 177 Td (stretchy="false"> mass spectrum case of the neutrino mass matrix. Physical Review D, 2012, 86, .	4.7	3
88	PartialÎ¼â^Ï„textures and leptogenesis. Physical Review D, 2014, 89, .	4.7	3
89	Gamma rays from dark matter annihilation in three-loop radiative neutrino mass generation models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 215-223.	4.1	3
90	Ricci-Determinant gravity: Dynamical aspects and astrophysical implications. Physical Review D, 2021, 104, .	4.7	3

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91	Top condensate model with a Higgs doublet and a Higgs triplet. Physical Review D, 2013, 87, .	4.7	2
92	Exploring high-mass diphoton resonance without new colored states. Nuclear Physics B, 2017, 916, 64-93.	2.5	2
93	Rotated Î¼â€“Ï„ symmetry for one generic neutrino mixing angle: An analytical study. Physical Review D, 2017, 96, .	4.7	2
94	STUDY OF LEPTONIC CP VIOLATION. International Journal of Modern Physics A, 2004, 19, 5367-5375.	1.5	1
95	BOUNDS ON THE COUPLING CONSTANTS OF THE MAJORON TO TWO NEUTRINOS IN EXTRA DIMENSIONS FROM Z â†' Î½Î½(J) DECAY. International Journal of Modern Physics A, 2005, 20, 6247-6257.	1.5	1
96	Dark Matter Searches as New Physics at the Future Circular Collider (FCC). Journal of Physics: Conference Series, 2019, 1258, 012017.	0.4	1
97	Probing the dark matter of a three-loop radiative neutrino mass generation model with the Cherenkov Telescope Array. Physical Review D, 2021, 103, .	4.7	1
98	Perturbative correction terms to electromagnetic self-force due to metric perturbation: astrophysical and cosmological implications. European Physical Journal C, 2021, 81, 1.	3.9	1
99	Dynamical aspects of asymmetric Eddington gravity with scalar fields. Physical Review D, 2021, 104, .	4.7	1
100	Isocurvature modes and non-Gaussianity in affine inflation. Physical Review D, 2021, 104, .	4.7	1
101	Comparing linear sigma model K-matrix studies of Ïƒ/f0 and the Higgs boson. AIP Conference Proceedings, 2003, , .	0.4	0
102	The 2HDM Inspired by Low Energy QCD Linear Sigma Model with Two Nonets. AIP Conference Proceedings, 2008, , .	0.4	0
103	Tev Scale Colored Particles, Baryogenesis and Dark Matter. AIP Conference Proceedings, 2008, , .	0.4	0
104	A hierarchy of the quark masses in a top condensate model with multiple Higgses. Modern Physics Letters A, 2014, 29, 1450030.	1.2	0
105	Neutrino Masses, Dark Matter and Baryon Asymmetry of the Universe. Journal of Physics: Conference Series, 2015, 593, 012010.	0.4	0
106	MODELS FOR NEUTRINO MASSES WITH IMPLIFICATIONS IN COSMOLOGY. , 2017, , 115-119.		0
107	Dark Matter and Neutrino Mass Models: Phenomenology of the Scalar Sector. Journal of Physics: Conference Series, 2019, 1258, 012002.	0.4	0
108	Î½â€™s in Particle Physics and Cosmology. Journal of Physics: Conference Series, 2019, 1258, 012004.	0.4	0

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109	Heavy Neutrinos at Large Colliders. Journal of Physics: Conference Series, 2019, 1258, 012012.	0.4	0
110	A SCALE-INVARIANT RADIATIVE NEUTRINO MASS GENERATION AND DARK MATTER. , 2019, , .		0
111	PROBING THE MAJORANA NEUTRINO NATURE AT THE CURRENT AND FUTURE COLLIDERS. , 2019, , .		0
112	Probing the Dark Matter of the Three-loop Radiative Neutrino Mass Generation Model with the Cherenkov Telescope Array. Journal of Physics: Conference Series, 2021, 2156, 012076.	0.4	0