

Goran Senjanovic

List of Publications by Year in descending order

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118
papers

13,852
citations

44069

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27406

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118
all docs

118
docs citations

118
times ranked

7377
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutrino 2020: Theory Outlook. International Journal of Modern Physics A, 2021, 36, 2130003.	1.5	9
2	Natural philosophy versus philosophy of naturalness. Modern Physics Letters A, 2020, 35, 2030006.	1.2	1
3	Parity and the origin of neutrino mass. International Journal of Modern Physics A, 2020, 35, 2050053.	1.5	3
4	Disentangling the seesaw mechanism in the minimal left-right symmetric model. Physical Review D, 2019, 100, .	4.7	13
5	Is left-right symmetry the key?. Modern Physics Letters A, 2017, 32, 1730004.	1.2	10
6	Higgs sector of the minimal left-right symmetric theory. Physical Review D, 2017, 95, .	4.7	49
7	Probing Seesaw with Parity Restoration. Physical Review Letters, 2017, 119, 201803.	7.8	21
8	A facility to search for hidden particles at the CERN SPS: the SHiP physics case. Reports on Progress in Physics, 2016, 79, 124201.	20.1	496
9	Restoration of parity and the right-handed analog of the CKM matrix. Physical Review D, 2016, 94, .	4.7	38
10	Right-Handed Quark Mixing in Left-Right Symmetric Theory. Physical Review Letters, 2015, 114, 071801.	7.8	59
11	Connecting Dirac and Majorana Neutrino Mass Matrices in the Minimal Left-Right Symmetric Model. Physical Review Letters, 2013, 110, 151802.	7.8	93
12	Dark matter as the trigger of strong electroweak phase transition. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 029-029.	5.4	92
13	Warm dark matter in low scale left-right theory. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 006-006.	5.4	117
14	Type II neutrino seesaw mechanism at the LHC: The roadmap. Physical Review D, 2012, 85, .	4.7	143
15	SUPERSYMMETRY AND UNIFICATION: HEAVY TOP WAS THE KEY. International Journal of Modern Physics Conference Series, 2012, 13, 182-190.	0.7	4
16	Neutrinoless double beta decay and heavy sterile neutrinos. Nuclear Physics B, 2012, 856, 26-73.	2.5	159
17	Inert doublet dark matter and mirror/extra families after Xenon100. Physical Review D, 2011, 84, .	4.7	23
18	Left-Right Symmetry: From the LHC to Neutrinoless Double Beta Decay. Physical Review Letters, 2011, 106, 151801.	7.8	219

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19	Naturally light sterile neutrinos from theory of R-parity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 420-424.	4.1	36
20	Limits on the left-right symmetry scale and heavy neutrinos from early LHC data. Physical Review D, 2011, 83, .	4.7	94
21	Three Extra Mirror or Sequential Families: Case for a Heavy Higgs Boson and Inert Doublet. Physical Review Letters, 2011, 106, 191802.	7.8	10
22	SEESAW AT LHC THROUGH LEFT-TO-RIGHT SYMMETRY. International Journal of Modern Physics A, 2011, 26, 1469-1491.	1.5	24
23	MSSM in view of PAMELA and Fermi-LAT. Journal of High Energy Physics, 2010, 2010, 1.	4.7	24
24	Probing leptonic CP phases in LFV processes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 684, 231-235.	4.1	14
25	Proton decay and grand unification. , 2010, , .		21
26	Left-right symmetry at LHC. Physical Review D, 2010, 82, .	4.7	181
27	Collider signatures for the heavy lepton triplet in the type I seesaw mechanism. Physical Review D, 2010, 82, .	4.7	66
28	Type II seesaw dominance in $SO(10)$. Physical Review D, 2010, 82, .	4.7	9
29	LHC AND THE SEESAW MECHANISM. , 2010, , .		0
30	LHC and the origin of neutrino mass. Journal of Physics: Conference Series, 2008, 136, 022039.	0.4	0
31	Course on Grand Unification. Springer Proceedings in Physics, 2008, , 137-179.	0.2	1
32	Seesaw at LHC. Journal of High Energy Physics, 2007, 2007, 014-014.	4.7	143
33	Probing the seesaw mechanism at CERN LHC. Physical Review D, 2007, 76, .	4.7	120
34	Proton decay, supersymmetry breaking and its mediation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 648, 365-373.	4.1	10
35	Yukawa sector in nonsupersymmetric renormalizable $SO(10)$. Physical Review D, 2006, 73, .	4.7	79
36	Fermion mass relations and the structure of the light Higgs in a supersymmetric $SO(10)$. Physical Review D, 2006, 73, .	4.1	54

#	ARTICLE	IF	CITATIONS
37	Radiative seesaw: a case for split supersymmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 610, 80-86.	4.1	29
38	Physical scales and neutrino masses in Grand Unified Theories. Nuclear Physics, Section B, Proceedings Supplements, 2005, 145, 250-253.	0.4	0
39	Fermion mass relations in a supersymmetric SO(10) theory. AIP Conference Proceedings, 2005, , .	0.4	9
40	Radiative Seesaw Mechanism and Degenerate Neutrinos. Physical Review Letters, 2005, 95, 261804.	7.8	15
41	SEE-SAW AND GRAND UNIFICATION. , 2005, , .		2
42	Minimal supersymmetric grand unified theory: Symmetry breaking and the particle spectrum. Physical Review D, 2004, 70, .	4.7	121
43	Probing the nature of the seesaw mechanism in renormalizable SO(10). Physical Review D, 2004, 70, .	4.7	50
44	Low-Scale Leptogenesis and Soft Supersymmetry Breaking. Physical Review Letters, 2004, 93, 111601.	7.8	59
45	Consequences of triplet seesaw for leptogenesis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 582, 73-81.	4.1	165
46	\tilde{I} , Unification and Large Atmospheric Mixing: A Case for a Noncanonical Seesaw Mechanism. Physical Review Letters, 2003, 90, 051802.	7.8	211
47	Minimal supersymmetric Pati-Salam theory: Determination of physical scales. Physical Review D, 2003, 68, .	4.7	13
48	Proton decay in minimal supersymmetric SU(5). Physical Review D, 2002, 66, .	4.7	114
49	Flat directions, doublet-triplet splitting, the monopole problem, and all that. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 525, 189-194.	4.1	5
50	THE ROLE OF BARYON AND LEPTON NUMBERS IN THE PHYSICS BEYOND THE STANDARD MODEL. , 2002, , .		0
51	FLAT DIRECTIONS IN SUSY GUTS. , 2002, , .		0
52	SO(10) theory of R-parity and neutrino mass. Nuclear Physics B, 2001, 597, 89-109.	2.5	105
53	Large lepton number and high temperature symmetry breaking in MSSM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 472, 373-381.	4.1	12
54	High temperature symmetry breaking via flat directions. Physical Review D, 2000, 61, .	4.7	11

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55	CONSTRAINTS ON EXTRA TIME DIMENSIONS. , 2000, , 525-532.		6
56	See-saw and supersymmetry. , 1999, , .		0
57	Intermediate scales in supersymmetric GLTs: the survival of the fittest. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 460, 325-332.	4.1	19
58	See-saw and supersymmetry or exact R-parity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 557-562.	4.1	81
59	Minimal supersymmetric left-right model. Physical Review D, 1998, 57, 4174-4178.	4.7	146
60	Large Lepton Number of the Universe and the Fate of Topological Defects. Physical Review Letters, 1998, 81, 1355-1358.	7.8	34
61	Supersymmetry and large scale left-right symmetry. Physical Review D, 1998, 58, .	4.7	84
62	R-CHARGE KILLS MONOPOLES. Modern Physics Letters A, 1998, 13, 2955-2964.	1.2	9
63	Rochelle salt: a prototype of particle physics. , 1998, , .		2
64	Reconciling High-Scale Left-Right Symmetry with Supersymmetry. Physical Review Letters, 1997, 79, 2188-2191.	7.8	124
65	Supersymmetry and Broken Symmetries at High Temperature. Physical Review Letters, 1997, 79, 349-352.	7.8	33
66	C,P, and StrongCPin Left-Right Supersymmetric Models. Physical Review Letters, 1997, 79, 4744-4747.	7.8	67
67	Symmetry restoration in hot SUSY. Nuclear Physics, Section B, Proceedings Supplements, 1997, 52, 246-250.	0.4	9
68	On supersymmetry at high temperature. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 387, 796-800.	4.1	17
69	Nonrestoration of spontaneously brokenPandCPat high temperature. Physical Review D, 1996, 54, 7857-7866.	4.7	38
70	Rational unification helps the seesaw mechanism. Physical Review D, 1996, 54, 5734-5744.	4.7	3
71	Semiglobal Alice strings. Physical Review D, 1995, 51, 7148-7151.	4.7	0
72	Is There a Domain Wall Problem?. Physical Review Letters, 1995, 74, 5178-5181.	7.8	65

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73	Symmetry Nonrestoration at High Temperature and the Monopole Problem. Physical Review Letters, 1995, 75, 4559-4562.	7.8	71
74	Gravity and the domain-wall problem. Physical Review D, 1994, 49, 2729-2733.	4.7	81
75	Topologically stable Z-strings in the supersymmetric standard model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 331, 63-68.	4.1	17
76	Flavor changing strings and domain walls. Physical Review Letters, 1994, 72, 9-12.	7.8	10
77	Planck-scale physics and solutions to the strongCPproblem without the axion. Physical Review D, 1993, 47, 5565-5570.	4.7	19
78	Electroweak global strings with flux tubes. Physical Review Letters, 1993, 71, 2376-2379.	7.8	39
79	Planck scale effects in neutrino physics. Physical Review D, 1993, 47, 3245-3253.	4.7	36
80	Planck-scale physics and neutrino masses. Physical Review Letters, 1992, 69, 3013-3016.	7.8	146
81	Neutrino magnetic moment and the dicyclic group. Physical Review Letters, 1991, 67, 953-956.	7.8	13
82	StrongCPproblem and parity. Physical Review Letters, 1991, 67, 2765-2768.	7.8	120
83	Calabi-Yau manifold of four generations. Physical Review D, 1989, 40, 1166-1175.	4.7	1
84	A superstring model of four generations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 215, 669-673.	4.1	2
85	Honest symmetries and complex structures of the three-generation superstring model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 214, 193-198.	4.1	6
86	On axion and familons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 188, 231-235.	4.1	13
87	Axions from chiral family symmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 153, 407-411.	4.1	16
88	Connection between Cosmological Matter-Antimatter Asymmetry andCPNonconservation inKDecays. Physical Review Letters, 1984, 53, 1419-1422.	7.8	10
89	Tracking down Higgs scalars with enhanced couplings. Physical Review D, 1984, 30, 1529-1541.	4.7	47
90	Reflections on mirror fermions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 141, 389-394.	4.1	63

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91	Implications of a light Higgs scalar. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 136, 191-195.	4.1	47
92	Necessity of intermediate mass scales in grand unified theories with spontaneously broken CP invariance. Zeitschrift für Physik C-Particles and Fields, 1983, 18, 271-273.	1.5	1
93	Light lepto-quarks in SO(10). Zeitschrift für Physik C-Particles and Fields, 1983, 20, 255-257.	1.5	37
94	The superlight axion and neutrino masses. Zeitschrift für Physik C-Particles and Fields, 1983, 17, 53-56.	1.5	69
95	Matter-antimatter transition operators: A manual for modeling. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 122, 373-377.	4.1	29
96	Higgs-boson effects in grand unified theories. Physical Review D, 1983, 27, 1601-1612.	4.7	76
97	Majorana Neutrinos and the Production of the Right-Handed Charged Gauge Boson. Physical Review Letters, 1983, 50, 1427-1430.	7.8	450
98	Strangeness-changing processes and the limit on the right-handed gauge-boson mass. Physical Review D, 1983, 28, 546-557.	4.7	104
99	Spontaneous breaking of global B-L symmetry and matter-antimatter oscillations in grand unified theories. Physical Review D, 1983, 27, 254-263.	4.7	71
100	Predictions of supersymmetric grand unified theories. Physical Review D, 1982, 25, 3092-3095.	4.7	251
101	Hydrogen-Antihydrogen Oscillations and Spontaneously Broken Global B-L Symmetry. Physical Review Letters, 1982, 49, 7-10.	7.8	44
102	Grand unification and parity restoration at low energies. II. Unification constraints. Physical Review D, 1982, 25, 235-247.	4.7	47
103	Predictions of left-right-symmetric grand unified theories. Physical Review D, 1982, 26, 161-174.	4.7	18
104	Semileptonic D-meson decays and the mechanism of CP violation. Physical Review D, 1982, 25, 173-177.	4.7	3
105	Heavy neutrinos and the evasion of cosmological bounds. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1981, 107, 59-63.	4.1	33
106	Neutrino masses and mixings in gauge models with spontaneous parity violation. Physical Review D, 1981, 23, 165-180.	4.7	2,015
107	Grand unification and parity restoration at low energies. Phenomenology. Physical Review D, 1981, 24, 704-718.	4.7	96
108	Can There Be Low Intermediate Mass Scales in Grand Unified Theories?. Physical Review Letters, 1981, 46, 1315-1317.	7.8	104

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109	Suppression of Higgs flavor-changing neutral currents in a class of gauge theories. Physical Review D, 1980, 21, 3253-3256.	4.7	20
110	Cosmological baryon production in a "superconducting" early universe. Physical Review D, 1980, 21, 3470-3473.	4.7	8
111	On the decoupling of superheavy particles at low energies. Nuclear Physics B, 1980, 164, 305-332.	2.5	29
112	Neutrino Mass and Spontaneous Parity Nonconservation. Physical Review Letters, 1980, 44, 912-915.	7.8	4,729
113	SoftCP-Invariance Violation at High Temperature. Physical Review Letters, 1979, 42, 1651-1654.	7.8	136
114	Broken symmetries at high temperature. Physical Review D, 1979, 20, 3390-3398.	4.7	95
115	High-temperature behavior of gauge theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1979, 89, 57-60.	4.1	49
116	Spontaneous breakdown of parity in a class of gauge theories. Nuclear Physics B, 1979, 153, 334-364.	2.5	444
117	Cabibbo angle, CP violation and quark masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1978, 73, 176-180.	4.1	44
118	Neutrino: Chronicles of an aloof protagonist. Modern Physics Letters A, 0, , .	1.2	0