

Ashok Goyal

List of Publications by Year in descending order

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47
papers

295
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840776

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all docs

48
docs citations

48
times ranked

423
citing authors

#	ARTICLE	IF	CITATIONS
1	Leptonic $g_{\hat{2}}$ anomaly in an extended Higgs sector with vector-like leptons. Journal of High Energy Physics, 2021, 2021, 1.	4.7	15
2	Lepto-philic 2-HDM + singlet scalar portal induced fermionic dark matter. Journal of High Energy Physics, 2019, 2019, 1.	4.7	3
3	Spin-3/2 dark matter in a simple t-channel model. European Physical Journal C, 2018, 78, 1.	3.9	6
4	Spin-0 $\hat{\pm}$ portal induced Dark Matter. Journal of High Energy Physics, 2018, 2018, 1.	4.7	4
5	Measuring anomalous Wtb couplings at e^+e^- collider. European Physical Journal C, 2015, 75, 1.	3.9	19
6	Top quark physics in the vector color-octet model. Physical Review D, 2013, 87, .	4.7	6
7	New physics contribution to \hat{A} neutral \hat{A} trilinear \hat{A} gauge \hat{A} boson \hat{A} couplings. European Physical Journal C, 2009, 63, 305-315.	3.9	4
8	Little Higgs model effects in $\hat{1}^3 \hat{1}^3$. Pramana - Journal of Physics, 2007, 69, 753-757.	1.8	0
9	NEUTRINO MASS AND LEPTON NUMBER VIOLATION IN THE LITTLE HIGGS MODEL. Modern Physics Letters A, 2006, 21, 1931-1938.	1.2	7
10	Dynamical Evolution of the Universe in the Quark-Hadron Phase Transition and Nugget Formation. Symposium - International Astronomical Union, 2005, 201, 461-462.	0.1	0
11	Lepton number violation in a little Higgs model. Physical Review D, 2005, 72, .	4.7	18
12	MIXED PHASE IN COMPACT STARS: $M-R$ RELATIONS AND RADIAL OSCILLATIONS. International Journal of Modern Physics D, 2004, 13, 1197-1205.	2.1	1
13	EFFECTS OF CURVATURE AND INTERACTIONS ON THE DYNAMICS OF THE DECONFINEMENT PHASE TRANSITION. International Journal of Modern Physics A, 2004, 19, 5221-5235.	1.5	1
14	Hybrid stars. Pramana - Journal of Physics, 2004, 62, 753-756.	1.8	4
15	Symmetry structure and phase transitions. Pramana - Journal of Physics, 2003, 60, 887-900.	1.8	1
16	Neutrino opacity in magnetized hot and dense nuclear matter. Physical Review D, 2002, 65, .	4.7	15
17	ELECTRICAL CONDUCTIVITY AT THE CORE OF A MAGNETAR. International Journal of Modern Physics D, 2002, 11, 843-855.	2.1	6
18	Radial Oscillations of Hybrid Stars. Astrophysical Journal, 2002, 579, 374-379.	4.5	18

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19	Radial oscillations of neutron stars in strong magnetic fields. <i>Pramana - Journal of Physics</i> , 2002, 59, 433-443.	1.8	1
20	NUCLEAR MATTER IN INTENSE MAGNETIC FIELD AND WEAK PROCESSES. <i>International Journal of Modern Physics A</i> , 2001, 16, 347-367.	1.5	14
21	Nambu-Jona-Lasinio model in four dimensions at finite temperatures; chemical potential and curvature. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2001, 27, 1827-1837.	3.6	7
22	CONSTRAINING THE RIGHT-HANDED INTERACTIONS FROM PION CONDENSATE MATTER. <i>International Journal of Modern Physics A</i> , 2000, 15, 509-522.	1.5	0
23	Dynamical evolution of the Universe in the quark-hadron phase transition and nugget formation. <i>Physical Review D</i> , 2000, 62, .	4.7	16
24	Astroparticle physics: Working group report. <i>Pramana - Journal of Physics</i> , 1998, 51, 273-286.	1.8	0
25	ON PION COOLING IN THE SUPERNOVA CORE. <i>International Journal of Modern Physics A</i> , 1998, 13, 915-921.	1.5	3
26	Hadronic interactions and the deconfinement phase transition. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1997, 23, 651-662.	3.6	0
27	Burning of Two-Flavor Quark Matter into Strange Matter in Neutron Stars and in Supernova Cores. <i>Astrophysical Journal</i> , 1997, 481, 954-962.	4.5	32
28	Photon production from baryon rich quark-gluon plasma. <i>Pramana - Journal of Physics</i> , 1997, 49, 225-230.	1.8	0
29	FORMATION AND SURVIVAL OF ELECTROWEAK-SYMMETRIC NUGGETS IN THE EARLY UNIVERSE. <i>International Journal of Modern Physics A</i> , 1996, 11, 361-373.	1.5	0
30	Bounds on the neutrino magnetic moment from SN 1987 A. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 346, 312-316.	4.1	15
31	Baryon Density Contrast in a Quark-Hadron Phase Transition in the Early Universe. <i>Astrophysical Journal</i> , 1995, 452, 501.	4.5	2
32	STRANGE QUARK MATTER IN STRONG MAGNETIC FIELD. <i>Modern Physics Letters A</i> , 1994, 09, 3611-3618.	1.2	5
33	Flipped neutrino emissivity from strange matter. <i>Physical Review D</i> , 1994, 49, 3910-3917.	4.7	2
34	Bulk viscosity of strange quark matter. <i>Zeitschrift für Physik A</i> , 1994, 349, 93-98.	0.9	14
35	Properties of high-density matter in the electroweak symmetric phase. <i>Physical Review D</i> , 1992, 45, 4392-4399.	4.7	0
36	Effect of temperature and quark-gluon interaction on strange matter. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1991, 24, 18-22.	0.4	4

#	ARTICLE	IF	CITATIONS
37	Stochastic quantization of para-Fermi fields. Journal of Mathematical Physics, 1990, 31, 156-163.	1.1	3
38	Phase transition in a nucleon-antinucleon system. Physical Review D, 1987, 35, 3530-3532.	4.7	0
39	Phase structure of the fermionic system in the $SU(2)_A$ - $SU(2)$ chiral $\bar{\psi}\psi$ model. Physical Review D, 1986, 34, 2133-2138.	4.7	3
40	Phase transition in supersymmetric matter. Physical Review D, 1986, 33, 3771-3773.	4.7	2
41	Self-energy effect in a relativistic bound state problem. Pramana - Journal of Physics, 1985, 24, 47-51.	1.8	0
42	Phase transition of a fermionic system in a gauge theory. Physical Review D, 1985, 32, 2097-2101.	4.7	4
43	Radiative decay of quarkonium into Higgs scalar. Physical Review D, 1985, 32, 1844-1845.	4.7	5
44	Are weak vector bosons composite?. Pramana - Journal of Physics, 1984, 23, 607-622.	1.8	3
45	Confinement in a Bethe-Salpeter model with logarithmic potential. Physical Review D, 1983, 27, 2439-2444.	4.7	0
46	Relativistic confinement in a Bethe-Salpeter model. Physical Review D, 1982, 25, 2199-2204.	4.7	2
47	Relativistic oscillator in a Bethe-Salpeter model: Nonexistence of discrete bound states. Physical Review D, 1982, 26, 1983-1987.	4.7	3