

Vivian de la Incera

List of Publications by Year in descending order

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39
papers

1,592
citations

304743

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302126

39
g-index

39
all docs

39
docs citations

39
times ranked

374
citing authors

#	ARTICLE	IF	CITATIONS
1	Equation of state of a dense and magnetized fermion system. Physical Review C, 2010, 82, .	2.9	235
2	Magnetic Color-Flavor Locking Phase in High-Density QCD. Physical Review Letters, 2005, 95, 152002.	7.8	142
3	Color-superconducting gap in the presence of a magnetic field. Nuclear Physics B, 2006, 747, 88-112.	2.5	112
4	Quark antiscreening at strong magnetic field and inverse magnetic catalysis. Physical Review D, 2015, 91, .	4.7	102
5	Equation of state for the magnetic-color-flavor-locked phase and its implications for compact star models. Physical Review D, 2011, 83, .	4.7	98
6	New look at the QCD ground state in a magnetic field. Physical Review D, 2014, 89, .	4.7	82
7	Magnetic phases in three-flavor color superconductivity. Physical Review D, 2007, 76, .	4.7	80
8	Insignificance of the anomalous magnetic moment of charged fermions for the equation of state of a magnetized and dense medium. Physical Review D, 2015, 91, .	4.7	60
9	Dynamically Induced Zeeman Effect in Massless QED. Physical Review Letters, 2009, 102, 050402.	7.8	58
10	Dynamically generated anomalous magnetic moment in massless QED. Nuclear Physics B, 2010, 824, 217-238.	2.5	55
11	Neutrino propagation in a strongly magnetized medium. Physical Review D, 2004, 70, .	4.7	54
12	Magnetic Fields Boosted by Gluon Vortices in Color Superconductivity. Physical Review Letters, 2006, 97, 122301.	7.8	50
13	Ward-Takahashi identity with an external field in ladder QED. Physical Review D, 1998, 58, .	4.7	42
14	Chromomagnetic instability and induced magnetic field in neutral two-flavor color superconductivity. Physical Review D, 2007, 76, .	4.7	37
15	Cooper pairs with magnetic moment in MCFL color superconductivity. Nuclear Physics B, 2011, 853, 213-239.	2.5	37
16	Crystalline chiral condensates as a component of compact stars. Physical Review D, 2015, 92, .	4.7	35
17	Magnetism in Dense Quark Matter. Lecture Notes in Physics, 2013, , 399-432.	0.7	29
18	Dissipationless Hall current in dense quark matter in a magnetic field. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 208-212.	4.1	27

#	ARTICLE	IF	CITATIONS
19	Novel topological effects in dense QCD in a magnetic field. Nuclear Physics B, 2018, 931, 192-215.	2.5	26
20	Colour superconductivity in a strong magnetic field. Journal of Physics A, 2006, 39, 6349-6355.	1.6	22
21	Magnetolectric effect in strongly magnetized color superconductivity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 706, 232-238.	4.1	22
22	Paraelectricity in Magnetized Massless QED. Physical Review Letters, 2011, 107, 041602.	7.8	22
23	Absence of Landau-Peierls instability in the magnetic dual chiral density wave phase of dense QCD. Physical Review D, 2020, 102, .	4.7	17
24	Tidal deformability of strange stars and the GW170817 event. Physical Review D, 2021, 103, .	4.7	17
25	Paramagnetism in colour superconductivity and compact stars. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 6913-6918.	2.1	15
26	Magnetic tuning of the relativistic BCS-BEC crossover. Physical Review D, 2011, 84, .	4.7	14
27	Exploring dense and cold QCD in magnetic fields. European Physical Journal A, 2016, 52, 1.	2.5	14
28	YUKAWA COUPLING CONTRIBUTION TO MAGNETIC FIELD INDUCED DYNAMICAL MASS. International Journal of Modern Physics A, 1999, 14, 3963-3977.	1.5	11
29	Quark matter contribution to the heat capacity of magnetized neutron stars. Physical Review D, 2021, 103, .	4.7	11
30	Anomalous Electromagnetic Transport in Compact Stars. Universe, 2018, 4, 54.	2.5	9
31	Magnetic Dual Chiral Density Wave: A Candidate Quark Matter Phase for the Interior of Neutron Stars. Universe, 2021, 7, 458.	2.5	9
32	Non-perturbative Euler-Heisenberg Lagrangian and paraelectricity in magnetized massless QED. Nuclear Physics B, 2012, 864, 469-491.	2.5	8
33	BCS-BEC crossover and stability in a Nambu-Jona-Lasinio model with diquark-diquark repulsion. Nuclear Physics A, 2015, 933, 229-244.	1.5	8
34	Global symmetries of open strings in an electromagnetic background. Physical Review D, 1994, 49, 2926-2932.	4.7	7
35	REGGE TRAJECTORIES AND CRITICAL FIELDS OF THE CHARGED STRING IN A MAGNETIC BACKGROUND. International Journal of Modern Physics A, 1996, 11, 3875-3884.	1.5	7
36	Mass eigenvalues of the open charged string in a magnetic background. Physical Review D, 1995, 52, 1011-1018.	4.7	6

#	ARTICLE	IF	CITATIONS
37	Photon self-energy and electric susceptibility in a magnetized three-flavor color superconductor. Physical Review D, 2012, 85, .	4.7	6
38	Effects of AMM on the EoS of magnetized dense systems. Astronomische Nachrichten, 2014, 335, 685-690.	1.2	5
39	Magnetic Color-flavor-locked Stars. Proceedings of the International Astronomical Union, 2012, 8, 465-467.	0.0	1