

Andreas Schmitt

List of Publications by Year in descending order

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67
papers

3,106
citations

218381

26
h-index

149479

56
g-index

72
all docs

72
docs citations

72
times ranked

1848
citing authors

#	ARTICLE	IF	CITATIONS
1	Building a realistic neutron star from holography. <i>Physical Review D</i> , 2022, 105, .	1.6	21
2	Predictions for neutron stars from holographic nuclear matter. <i>SciPost Physics Proceedings</i> , 2022, , .	0.2	4
3	Isospin asymmetry in holographic baryonic matter. <i>SciPost Physics</i> , 2021, 11, .	1.5	13
4	Strange quark mass turns magnetic domain walls into multi-winding flux tubes. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2021, 48, 035002.	1.4	2
5	Holographic quarkyonic matter. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	36
6	Chiral pasta: Mixed phases at the chiral phase transition. <i>Physical Review D</i> , 2020, 101, .	1.6	13
7	Heavy holographic QCD. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	13
8	Towards a holographic quark-hadron continuity. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	27
9	Surface tension of dense matter at the chiral phase transition. <i>Physical Review D</i> , 2019, 99, .	1.6	46
10	Dissipation Triggers Dynamical Two-Stream Instability. <i>Particles</i> , 2019, 2, 457-480.	0.5	6
11	Multi-winding flux tubes in CFL quark matter. , 2019, , .		2
12	Reaction Rates and Transport in Neutron Stars. <i>Astrophysics and Space Science Library</i> , 2018, , 455-574.	1.0	44
13	New color-magnetic defects in dense quark matter. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2018, 45, 065001.	1.4	12
14	Critical magnetic fields in a superconductor coupled to a superfluid. <i>Physical Review D</i> , 2017, 95, .	1.6	21
15	Mixing of charged and neutral Bose condensates at nonzero temperature and magnetic field. <i>EPJ Web of Conferences</i> , 2017, 137, 09003.	0.1	3
16	Phases of dense matter with holographic instantons. <i>EPJ Web of Conferences</i> , 2017, 137, 09009.	0.1	4
17	From ultra-dense QCD towards NICA densities: Color-flavor locking and other color superconductors. <i>European Physical Journal A</i> , 2016, 52, 1.	1.0	1
18	Layers of deformed instantons in holographic baryonic matter. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	26

#	ARTICLE	IF	CITATIONS
19	Baryon onset in a magnetic field. AIP Conference Proceedings, 2016, , .	0.3	3
20	Instabilities in relativistic two-component (super)fluids. Physical Review D, 2016, 93, .	1.6	18
21	From holography towards real-world nuclear matter. Physical Review D, 2015, 92, .	1.6	44
22	Introduction to Superfluidity. Lecture Notes in Physics, 2015, , .	0.3	44
23	Cooper Pairing with Mismatched Fermi Momenta. Lecture Notes in Physics, 2015, , 137-155.	0.3	0
24	Fermionic Superfluidity: Cooper Pairing. Lecture Notes in Physics, 2015, , 67-92.	0.3	0
25	Magnetic catalysis in nuclear matter. Physical Review D, 2014, 90, .	1.6	47
26	Role reversal in first and second sound in a relativistic superfluid. Physical Review D, 2014, 89, .	1.6	11
27	Superfluid two-stream instability in a microscopic model. Physical Review D, 2014, 89, .	1.6	7
28	QCD and strongly coupled gauge theories: challenges and perspectives. European Physical Journal C, 2014, 74, 2981.	1.4	397
29	From a complex scalar field to the two-fluid picture of superfluidity. Physical Review D, 2013, 87, .	1.6	22
30	Strongly Interacting Matter in Magnetic Fields: A Guide to This Volume. Lecture Notes in Physics, 2013, , 1-11.	0.3	136
31	Inverse Magnetic Catalysis in Field Theory and Gauge-Gravity Duality. Lecture Notes in Physics, 2013, , 51-86.	0.3	52
32	Quark Superfluidity in the two-fluid formalism. , 2013, , .		0
33	Chiral transition in dense, magnetized matter. , 2012, , .		1
34	Holographic baryonic matter in a background magnetic field. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 054006.	1.4	37
35	Inverse magnetic catalysis in dense holographic matter. Journal of High Energy Physics, 2011, 2011, 1.	1.6	171
36	Ginzburg-Landau phase diagram for dense matter with axial anomaly, strange quark mass, and meson condensation. Physical Review D, 2011, 83, .	1.6	17

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37	Meson condensation and critical point in dense quark matter. , 2011, , .		0
38	Anomalies and the chiral magnetic effect in the Sakai-Sugimoto model. Journal of High Energy Physics, 2010, 2010, 1.	1.6	121
39	Holographic Chiral Currents in a Magnetic Field. Progress of Theoretical Physics Supplement, 2010, 186, 463-470.	0.2	6
40	Dense Matter in Compact Stars. Lecture Notes in Physics, 2010, , .	0.3	56
41	Superconductivity and Superfluidity in a Compact Star. Lecture Notes in Physics, 2010, , 61-94.	0.3	1
42	Meson supercurrents and the Meissner effect in the Sakai-Sugimoto model. Journal of High Energy Physics, 2009, 2009, 084-084.	1.6	37
43	Supercurrents in color-superconducting quark matter. Nuclear Physics A, 2009, 820, 49c-56c.	0.6	4
44	One-loop results for kink and domain wall profiles at zero and finite temperature. Physical Review D, 2009, 80, .	1.6	6
45	Color superconductivity in dense quark matter. Reviews of Modern Physics, 2008, 80, 1455-1515.	16.4	1,014
46	CFL-K0Quark Matter and Its Bulk Viscosity. Progress of Theoretical Physics Supplement, 2008, 174, 14-25.	0.2	1
47	Bulk viscosity in kaon-condensed color-flavor-locked quark matter. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 115007.	1.4	31
48	Critical temperature for kaon condensation in color-flavor-locked quark matter. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 025002.	1.4	23
49	Bulk viscosity in 2SC and CFL quark matter. AIP Conference Proceedings, 2007, , .	0.3	15
50	Relativistic BCS-BEC crossover in a boson-fermion model. Physical Review D, 2007, 76, .	1.6	42
51	Bulk viscosity in 2SC quark matter. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 67-101.	1.4	36
52	Stress-free BCS pairing in color superconductors is impossible. AIP Conference Proceedings, 2007, , .	0.3	0
53	Stressed pairing in conventional color superconductors is unavoidable. Physical Review D, 2006, 73, .	1.6	26
54	Neutrino emission and cooling rates of spin-one color superconductors. Physical Review D, 2006, 73, .	1.6	46

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55	Asymmetric neutrino emission from spin-1 color superconductor. AIP Conference Proceedings, 2006, , .	0.3	0
56	Cooling Rates of Anisotropic Color Superconductors. Acta Physica Hungarica A Heavy Ion Physics, 2006, 27, 319-322.	0.4	0
57	Stability conditions and Fermi surface topologies in a superconductor. Physical Review B, 2006, 74, .	1.1	40
58	Neutrino emissivity from spin-one color superconductors. , 2006, , .		0
59	Ground state in a spin-one color superconductor. Physical Review D, 2005, 71, .	1.6	77
60	Pulsar Kicks via Spin-1 Color Superconductivity. Physical Review Letters, 2005, 94, 211101.	2.9	17
61	COLOR-SUPERCONDUCTING PHASES IN COLD AND DENSE QUARK MATTER. , 2005, , .		0
62	Mixing and screening of photons and gluons in a color superconductor. Physical Review D, 2004, 69, .	1.6	34
63	Spin-One Color Superconductivity in Neutron Stars. , 2004, , 321-328.		0
64	Electromagnetic Meissner Effect in Spin-One Color Superconductors. Physical Review Letters, 2003, 91, 242301.	2.9	57
65	NEW RESULTS FOR SPIN-ONE COLOR SUPERCONDUCTORS. , 2003, , .		0
66	When the transition temperature in color superconductors is not like in BCS theory. Physical Review D, 2002, 66, .	1.6	75
67	Trapping kinetics of excitons in a potential well. Physical Review B, 2001, 63, .	1.1	7