

Andreas Schmitt

List of Publications by Year in descending order

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67
papers

3,106
citations

218592

26
h-index

149623

56
g-index

72
all docs

72
docs citations

72
times ranked

1848
citing authors

#	ARTICLE	IF	CITATIONS
1	Color superconductivity in dense quark matter. <i>Reviews of Modern Physics</i> , 2008, 80, 1455-1515.	16.4	1,014
2	QCD and strongly coupled gauge theories: challenges and perspectives. <i>European Physical Journal C</i> , 2014, 74, 2981.	1.4	397
3	Inverse magnetic catalysis in dense holographic matter. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	171
4	Strongly Interacting Matter in Magnetic Fields: A Guide to This Volume. <i>Lecture Notes in Physics</i> , 2013, , 1-11.	0.3	136
5	Anomalies and the chiral magnetic effect in the Sakai-Sugimoto model. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	1.6	121
6	Ground state in a spin-one color superconductor. <i>Physical Review D</i> , 2005, 71, .	1.6	77
7	When the transition temperature in color superconductors is not like in BCS theory. <i>Physical Review D</i> , 2002, 66, .	1.6	75
8	Electromagnetic Meissner Effect in Spin-One Color Superconductors. <i>Physical Review Letters</i> , 2003, 91, 242301.	2.9	57
9	Dense Matter in Compact Stars. <i>Lecture Notes in Physics</i> , 2010, , .	0.3	56
10	Inverse Magnetic Catalysis in Field Theory and Gauge-Gravity Duality. <i>Lecture Notes in Physics</i> , 2013, , 51-86.	0.3	52
11	Magnetic catalysis in nuclear matter. <i>Physical Review D</i> , 2014, 90, .	1.6	47
12	Neutrino emission and cooling rates of spin-one color superconductors. <i>Physical Review D</i> , 2006, 73, .	1.6	46
13	Surface tension of dense matter at the chiral phase transition. <i>Physical Review D</i> , 2019, 99, .	1.6	46
14	From holography towards real-world nuclear matter. <i>Physical Review D</i> , 2015, 92, .	1.6	44
15	Introduction to Superfluidity. <i>Lecture Notes in Physics</i> , 2015, , .	0.3	44
16	Reaction Rates and Transport in Neutron Stars. <i>Astrophysics and Space Science Library</i> , 2018, , 455-574.	1.0	44
17	Relativistic BCS-BEC crossover in a boson-fermion model. <i>Physical Review D</i> , 2007, 76, .	1.6	42
18	Stability conditions and Fermi surface topologies in a superconductor. <i>Physical Review B</i> , 2006, 74, .	1.1	40

#	ARTICLE	IF	CITATIONS
19	Meson supercurrents and the Meissner effect in the Sakai-Sugimoto model. Journal of High Energy Physics, 2009, 2009, 084-084.	1.6	37
20	Holographic baryonic matter in a background magnetic field. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 054006.	1.4	37
21	Bulk viscosity in 2SC quark matter. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 67-101.	1.4	36
22	Holographic quarkyonic matter. Journal of High Energy Physics, 2020, 2020, 1.	1.6	36
23	Mixing and screening of photons and gluons in a color superconductor. Physical Review D, 2004, 69, .	1.6	34
24	Bulk viscosity in kaon-condensed color-flavor-locked quark matter. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 115007.	1.4	31
25	Towards a holographic quark-hadron continuity. Journal of High Energy Physics, 2019, 2019, 1.	1.6	27
26	Stressed pairing in conventional color superconductors is unavoidable. Physical Review D, 2006, 73, .	1.6	26
27	Layers of deformed instantons in holographic baryonic matter. Journal of High Energy Physics, 2016, 2016, 1.	1.6	26
28	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
29	From a complex scalar field to the two-fluid picture of superfluidity. Physical Review D, 2013, 87, .	1.6	22
30	Critical magnetic fields in a superconductor coupled to a superfluid. Physical Review D, 2017, 95, .	1.6	21
31	Building a realistic neutron star from holography. Physical Review D, 2022, 105, .	1.6	21
32	Instabilities in relativistic two-component (super)fluids. Physical Review D, 2016, 93, .	1.6	18
33	Pulsar Kicks via Spin-1 Color Superconductivity. Physical Review Letters, 2005, 94, 211101.	2.9	17
34	Ginzburg-Landau phase diagram for dense matter with axial anomaly, strange quark mass, and meson condensation. Physical Review D, 2011, 83, .	1.6	17
35	Bulk viscosity in 2SC and CFL quark matter. AIP Conference Proceedings, 2007, , .	0.3	15
36	Chiral pasta: Mixed phases at the chiral phase transition. Physical Review D, 2020, 101, .	1.6	13

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37	Isospin asymmetry in holographic baryonic matter. <i>SciPost Physics</i> , 2021, 11, .	1.5	13
38	Heavy holographic QCD. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	13
39	New color-magnetic defects in dense quark matter. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2018, 45, 065001.	1.4	12
40	Role reversal in first and second sound in a relativistic superfluid. <i>Physical Review D</i> , 2014, 89, .	1.6	11
41	Trapping kinetics of excitons in a potential well. <i>Physical Review B</i> , 2001, 63, .	1.1	7
42	Superfluid two-stream instability in a microscopic model. <i>Physical Review D</i> , 2014, 89, .	1.6	7
43	One-loop results for kink and domain wall profiles at zero and finite temperature. <i>Physical Review D</i> , 2009, 80, .	1.6	6
44	Holographic Chiral Currents in a Magnetic Field. <i>Progress of Theoretical Physics Supplement</i> , 2010, 186, 463-470.	0.2	6
45	Dissipation Triggers Dynamical Two-Stream Instability. <i>Particles</i> , 2019, 2, 457-480.	0.5	6
46	Supercurrents in color-superconducting quark matter. <i>Nuclear Physics A</i> , 2009, 820, 49c-56c.	0.6	4
47	Phases of dense matter with holographic instantons. <i>EPJ Web of Conferences</i> , 2017, 137, 09009.	0.1	4
48	Predictions for neutron stars from holographic nuclear matter. <i>SciPost Physics Proceedings</i> , 2022, , .	0.2	4
49	Baryon onset in a magnetic field. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	3
50	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
51	Multi-winding flux tubes in CFL quark matter. , 2019, , .		2
52	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
53	CFL-KOQuark Matter and Its Bulk Viscosity. <i>Progress of Theoretical Physics Supplement</i> , 2008, 174, 14-25.	0.2	1
54	Chiral transition in dense, magnetized matter. , 2012, , .		1

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55	From ultra-dense QCD towards NICA densities: Color-flavor locking and other color superconductors. European Physical Journal A, 2016, 52, 1.	1.0	1
56	Superconductivity and Superfluidity in a Compact Star. Lecture Notes in Physics, 2010, , 61-94.	0.3	1
57	Asymmetric neutrino emission from spin-1 color superconductor. AIP Conference Proceedings, 2006, , .	0.3	0
58	Cooling Rates of Anisotropic Color Superconductors. Acta Physica Hungarica A Heavy Ion Physics, 2006, 27, 319-322.	0.4	0
59	Stress-free BCS pairing in color superconductors is impossible. AIP Conference Proceedings, 2007, , .	0.3	0
60	Meson condensation and critical point in dense quark matter. , 2011, , .		0
61	NEW RESULTS FOR SPIN-ONE COLOR SUPERCONDUCTORS. , 2003, , .		0
62	Spin-One Color Superconductivity in Neutron Stars. , 2004, , 321-328.		0
63	COLOR-SUPERCONDUCTING PHASES IN COLD AND DENSE QUARK MATTER. , 2005, , .		0
64	Neutrino emissivity from spin-one color superconductors. , 2006, , .		0
65	Quark Superfluidity in the two-fluid formalism. , 2013, , .		0
66	Cooper Pairing with Mismatched Fermi Momenta. Lecture Notes in Physics, 2015, , 137-155.	0.3	0
67	Fermionic Superfluidity: Cooper Pairing. Lecture Notes in Physics, 2015, , 67-92.	0.3	0