

Kai Schwenzer

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,496
citations

331670

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395702

33
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41
all docs

41
docs citations

41
times ranked

1459
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolated Neutron Stars. , 2022, , 527-554.		0
2	Isolated Neutron Stars. , 2021, , 1-28.		4
3	Strengthening the bounds on the r-mode amplitude with X-ray observations of millisecond pulsars. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2734-2749.	4.4	9
4	Signatures for quark matter from multi-messenger observations. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 114001.	3.6	44
5	Viscous Dissipation and Heat Conduction in Binary Neutron-Star Mergers. Physical Review Letters, 2018, 120, 041101.	7.8	107
6	X-ray bounds on the r-mode amplitude in millisecond pulsars. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2560-2569.	4.4	15
7	r-mode astronomy. European Physical Journal A, 2016, 52, 1.	2.5	29
8	Phase conversion dissipation in multicomponent compact stars. Physical Review C, 2015, 91, .	2.9	26
9	Gravitational wave emission from oscillating millisecond pulsars. Monthly Notices of the Royal Astronomical Society, 2015, 446, 3631-3641.	4.4	32
10	Probing dense matter in compact star cores with radio pulsar data. Nuclear Physics A, 2014, 931, 740-745.	1.5	7
11	What the Timing of Millisecond Pulsars Can Teach us about Their Interior. Physical Review Letters, 2014, 113, 251102.	7.8	42
12	QCD and strongly coupled gauge theories: challenges and perspectives. European Physical Journal C, 2014, 74, 2981.	3.9	397
13	GRAVITATIONAL WAVE EMISSION AND SPIN-DOWN OF YOUNG PULSARS. Astrophysical Journal, 2014, 781, 26.	4.5	60
14	C7 multi-messenger astronomy of GW sources. General Relativity and Gravitation, 2014, 46, 1.	2.0	0
15	Impact of r-modes on the cooling of neutron stars. , 2012, , .		2
16	Bridging the Gap by Squeezing Superfluid Matter. Physical Review Letters, 2012, 108, 111102.	7.8	10
17	Viscous damping of r-modes: Large amplitude saturation. Physical Review D, 2012, 85, .	4.7	36
18	Viscous damping of r-modes: Small amplitude instability. Physical Review D, 2012, 85, .	4.7	45

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19	Non-linear viscous saturation of r-modes. , 2011, , .		2
20	On the infrared scaling solution of SU(N) Yang-Mills theories in the maximally Abelian gauge. European Physical Journal C, 2010, 68, 581-600.	3.9	36
21	On the infrared behavior of Landau Gauge Yang-Mills theory with a fundamentally charged scalar field. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 688, 237-243.	4.1	23
22	On the connection between Hamilton and Lagrange formalism in quantum field theory. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 085003.	3.6	2
23	Large amplitude behavior of the bulk viscosity of dense matter. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 125202.	3.6	45
24	Infrared singularities in Landau gauge Yang-Mills theory. Physical Review D, 2010, 81, .	4.7	59
25	Suprathemal viscosity of dense matter. , 2010, , .		1
26	Algorithmic derivation of Dyson-Schwinger equations. Computer Physics Communications, 2009, 180, 965-976.	7.5	40
27	The quark-gluon vertex in Landau gauge QCD: Its role in dynamical chiral symmetry breaking and quark confinement. Annals of Physics, 2009, 324, 106-172.	2.8	139
28	Infrared behavior of three-point functions in Landau gauge Yang-Mills theory. European Physical Journal C, 2009, 62, 761-781.	3.9	44
29	The infrared behavior of Landau gauge Yang-Mills theory in $d=2, 3$ and 4 dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 659, 434-440.	4.1	58
30	WHAT THE INFRARED BEHAVIOR OF QCD VERTEX FUNCTIONS IN LANDAU GAUGE CAN TELL US ABOUT CONFINEMENT. International Journal of Modern Physics E, 2007, 16, 2720-2732.	1.0	3
31	Perturbative QCD results in the strong coupling regime of dense matter. Nuclear Physics A, 2007, 785, 241-244.	1.5	1
32	Low-Energy Dynamics in Ultradegenerate QCD Matter. Physical Review Letters, 2006, 97, 092301.	7.8	14
33	NON FERMILIQUID EFFECTS IN DENSE MATTER AND COMPACT STAR COOLING. , 2005, , .		0
34	Neutrino emission from ungapped quark matter. Physical Review D, 2004, 70, .	4.7	47
35	Non-Fermi liquid effects in QCD at high density. Physical Review D, 2004, 70, .	4.7	48
36	Linking the quark meson model with QCD at high temperature. Physical Review D, 2004, 70, .	4.7	45

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37	Resolution-dependent quark masses from meson correlators. Physical Review C, 2003, 67, .	2.9	1
38	RENORMALIZATION GROUP APPROACH TO THE PHASE DIAGRAM OF STRONG INTERACTION. , 2003, , .		0
39	Spectrum of the Dirac operator in the linear σ model with quarks. Physical Review D, 2002, 65, .	4.7	3
40	Renormalization group flow in large N_c . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 526, 79-89.	4.1	14
41	Unifying nucleon and quark dynamics at finite baryon number density. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 473, 25-28.	4.1	6