

# Jens Oluf Andersen

## List of Publications by Year in descending order

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34  
papers

1,193  
citations

394421

19  
h-index

395702

33  
g-index

35  
all docs

35  
docs citations

35  
times ranked

520  
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-loop HTLpt thermodynamics at finite temperature and chemical potential. Journal of High Energy Physics, 2014, 2014, 1.	4.7	168
2	Three-loop HTL QCD thermodynamics. Journal of High Energy Physics, 2011, 2011, 1.	4.7	99
3	Chiral perturbation theory in a magnetic background $\hat{\epsilon}^{\prime\prime}$ finite-temperature effects. Journal of High Energy Physics, 2012, 2012, 1.	4.7	75
4	Gluon Thermodynamics at Intermediate Coupling. Physical Review Letters, 2010, 104, 122003.	7.8	73
5	Three-loop HTL gluon thermodynamics at intermediate coupling. Journal of High Energy Physics, 2010, 2010, 1.	4.7	65
6	Equation of state of hot and dense QCD: resummed perturbation theory confronts lattice data. Journal of High Energy Physics, 2013, 2013, 1.	4.7	63
7	The chiral transition in a magnetic background: finite density effects and the functional renormalization group. Journal of High Energy Physics, 2012, 2012, 1.	4.7	59
8	Three-loop pressure and susceptibility at finite temperature and density from hard-thermal-loop perturbation theory. Physical Review D, 2014, 89, .	4.7	57
9	Nonperturbative Analysis of the Electroweak Phase Transition in the Two Higgs Doublet Model. Physical Review Letters, 2018, 121, 191802.	7.8	55
10	Chiral and deconfinement transitions in a magnetic background using the functional renormalization group with the Polyakov loop. Journal of High Energy Physics, 2014, 2014, 1.	4.7	48
11	Three-loop hard-thermal-loop perturbation theory thermodynamics at finite temperature and finite baryonic and isospin chemical potential. Physical Review D, 2016, 93, .	4.7	44
12	Phase diagram of two-color quark matter at nonzero baryon and isospin density. Physical Review D, 2010, 81, .	4.7	39
13	Inverse magnetic catalysis and regularization in the quark-meson model. Journal of High Energy Physics, 2015, 2015, 1.	4.7	38
14	Pion condensation and phase diagram in the Polyakov-loop quark-meson model. Physical Review D, 2018, 98, .	4.7	37
15	Quark number susceptibilities from resummed perturbation theory. Physical Review D, 2013, 87, .	4.7	31
16	Two-flavor chiral perturbation theory at nonzero isospin: pion condensation at zero temperature. European Physical Journal C, 2019, 79, 1.	3.9	30
17	QCD trace anomaly. Physical Review D, 2011, 84, .	4.7	26
18	Effective Lagrangians for quantum many-body systems. Journal of High Energy Physics, 2014, 2014, 1.	4.7	22

#	ARTICLE	IF	CITATIONS
19	QCD phase diagram in a constant magnetic background. European Physical Journal A, 2021, 57, 1.	2.5	22
20	Thermodynamics and phase diagrams of Polyakov-loop extended chiral models. Physical Review D, 2019, 99, .	4.7	18
21	Inhomogeneous chiral condensate in the quark-meson model. Physical Review D, 2017, 96, .	4.7	17
22	Chiral density wave versus pion condensation at finite density and zero temperature. Physical Review D, 2018, 97, .	4.7	17
23	On-shell parameter fixing in the quark-meson model. Physical Review D, 2017, 95, .	4.7	13
24	Condensates and pressure of two-flavor chiral perturbation theory at nonzero isospin and temperature. European Physical Journal C, 2021, 81, 1.	3.9	13
25	Quark and pion condensates at finite isospin density in chiral perturbation theory. European Physical Journal C, 2020, 80, 1.	3.9	11
26	Pion and kaon condensation at zero temperature in three-flavor $\bar{\psi}\psi$ PT at nonzero isospin and strange chemical potentials at next-to-leading order. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
27	Chiral density wave versus pion condensation in the ( 1+1 )-dimensional NJL model. Physical Review D, 2017, 95, .	4.7	10
28	Confronting effective models for deconfinement in dense quark matter with lattice data. Physical Review D, 2015, 92, .	4.7	7
29	Consistent regularization and renormalization in models with inhomogeneous phases. Physical Review D, 2017, 95, .	4.7	7
30	Quark, pion and axial condensates in three-flavor finite isospin chiral perturbation theory. European Physical Journal C, 2021, 81, 1.	3.9	6
31	The chiral phase transition and the role of vacuum fluctuations. International Journal of Modern Physics A, 2016, 31, 1650025.	1.5	5
32	Stochastic inflation from quantum field theory and the parametric dependence of the effective noise amplitude. Journal of High Energy Physics, 2022, 2022, 1.	4.7	4
33	$N$ supersymmetric Yang-Mills thermodynamics from effective field theory. Physical Review D, 2022, 105, .	4.7	3
34	Quantum corrections to slow-roll inflation: scalar and tensor modes. Journal of High Energy Physics, 2021, 2021, 1.	4.7	0