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Prepared on August 4th 2025

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- University of Trieste
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- Universita' Ca' Foscari Venezia
- University of Illinois Urbana-Champaign

Publication Metrics

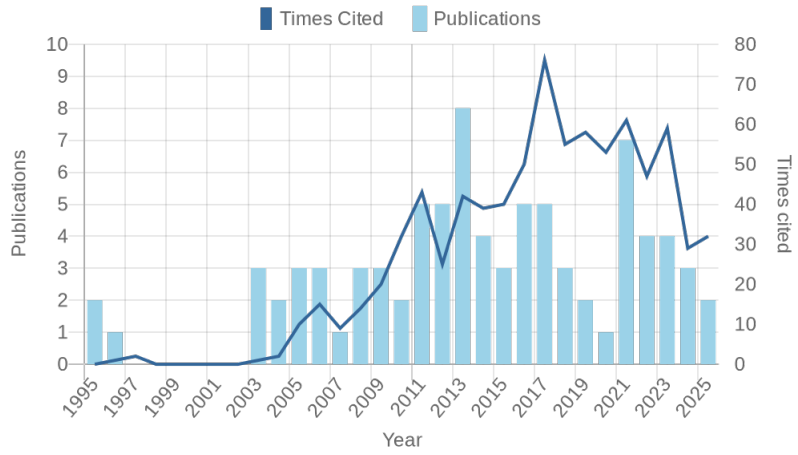
For manuscripts published from date range January 1995 - August 2025

17	815
H-index	Sum of Times Cited
150	83
Total Publications	Web of Science Core Collection Publications

For all time

17	815
H-index	Sum of Times Cited
151	84
Total Publications	Web of Science Core Collection Publications

Publication Impact Over Time



Publishing Summary

For manuscripts published from date range January 1995 - August 2025

(62) ArXiv	(14) The Journal of Chemical Physics
(14) Physical Review E	(9) Journal of Statistical Physics
(7) Journal of Statistical Mechanics: ...	(5) Physica A: Statistical Mechanics ...
(5) The European Physical Journal B	(4) Molecular Physics
(3) International Journal of Modern P...	(3) Physical Review D
(3) The Physics Educator	(2) Quantum Reports
(2) EPL (Europhysics Letters)	(2) Preprints.org
(2) Physica B: Condensed Matter	(2) International Journal of Modern P...
(2) Nuovo Cimento Della Societa Ital...	(1) Modern Physics Letters A
(1) Axioms	(1) Soft Matter
(1) Solid State Communications	(1) Journal of Low Temperature Phys...
(1) Physical Review B	(1) Indian Journal of Physics
(1) The European Physical Journal C	(1) Stats

Publications

For manuscripts published from date range January 1995 - August 2025 (86)

Times Cited (All time)

Patchy sticky hard spheres: Analytical study and Monte Carlo simulations
Authors (5): Fantoni, Riccardo; Gazzillo, Domenico ... Pastore, Giorgio
Published: Dec 2007 in The Journal of Chemical Physics
DOI: 10.1063/1.2805066
Accession Number: WOS:000251908500033

45

Cluster theory of Janus particles

Authors (4): Fantoni, Riccardo; Giacometti, Achille ... Pastore, Giorgio Published: 2011 in Soft Matter DOI: 10.1039/C0SM00995D Accession Number: WOS:000288162500026	43
Penetrable square-well fluids: Exact results in one dimension Authors (3): Santos, Andres; Fantoni, Riccardo; Giacometti, Achille Published: May 2008 in Physical Review E DOI: 10.1103/PHYSREVE.77.051206 Accession Number: WOS:000256885400051	31
Multicomponent adhesive hard sphere models and short-ranged attractive interactions in colloidal or micellar solutions Authors (4): Gazzillo, Domenico; Giacometti, Achille ... Sollich, Peter Published: Nov 2006 in Physical Review E DOI: 10.1103/PHYSREVE.74.051407 Accession Number: WOS:000242408700047	31
Thermodynamic instabilities of a binary mixture of sticky hard spheres Authors (3): Fantoni, R; Gazzillo, D; Giacometti, A Published: Jul 2005 in Physical Review E DOI: 10.1103/PHYSREVE.72.011503 Accession Number: WOS:000230886900043	26
Bridging and depletion mechanisms in colloid-colloid effective interactions: A reentrant phase diagram Authors (3): Fantoni, Riccardo; Giacometti, Achille; Santos, Andres Published: Jun 2015 in The Journal of Chemical Physics DOI: 10.1063/1.4922263 Accession Number: WOS:000356176600037	24
Stability boundaries, percolation threshold, and two-phase coexistence for polydisperse fluids of adhesive colloidal particles Authors (3): Fantoni, R; Gazzillo, D; Giacometti, A Published: Jan 2005 in The Journal of Chemical Physics DOI: 10.1063/1.1831275 Accession Number: WOS:000226748800038	24
Pressures for a one-component plasma on a pseudosphere Authors (3): Fantoni, R; Jancovici, B; Téllez, G Published: Jul 2003 in Journal of Statistical Physics DOI: 10.1023/A:1023671419021 Accession Number: WOS:000182711300002	23
Penetrable-square-well fluids: Analytical study and Monte Carlo simulations Authors (4): Fantoni, Riccardo; Giacometti, Achille ... Santos, Andres Published: Sep 2009 in The Journal of Chemical Physics DOI: 10.1063/1.3236515 Accession Number: WOS:000270380300010	21
Janus fluid with fixed patch orientations: Theory and simulations Authors (4): Maestre, Miguel Angel G.; Fantoni, Riccardo ... Santos, Andres	20

Published: Mar 2013 in The Journal of Chemical Physics
DOI: 10.1063/1.4793626
Accession Number: WOS:000315874200054

Structure of colloidosomes with tunable particle density: Simulation versus experiment Published: Jun 2012 in Physical Review E DOI: 10.1103/PHYSREVE.85.061404 Accession Number: WOS:000304858000003	20
A numerical test of a high-penetrability approximation for the one-dimensional penetrable-square-well model Authors (4): Fantoni, Riccardo; Giacometti, Achille ... Santos, Andres Published: Jul 2010 in The Journal of Chemical Physics DOI: 10.1063/1.3455330 Accession Number: WOS:000279917700003	20
Two-Dimensional One-Component Plasma on Flamm's Paraboloid Authors (2): Fantoni, Riccardo; Tellez, Gabriel Published: 2008 in Journal of Statistical Physics DOI: 10.1007/S10955-008-9616-X Accession Number: WOS:000260376300004	19
Monte Carlo simulation of the nonadditive restricted primitive model of ionic fluids: Phase diagram and clustering Authors (2): Riccardo Fantoni; Giorgio Pastore Published: May 2013 in Physical Review E DOI: 10.1103/PHYSREVE.87.052303 Accession Number: WOS:000319061000006	18
Phase diagrams of Janus fluids with up-down constrained orientations Authors (4): Fantoni, Riccardo; Giacometti, Achille ... Santos, Andres Published: Nov 2013 in The Journal of Chemical Physics DOI: 10.1063/1.4827861 Accession Number: WOS:000326922300052	17
Localization of acoustic polarons at low temperatures: A path-integral Monte Carlo approach Published: Oct 2012 in Physical Review B DOI: 10.1103/PHYSREVB.86.144304 Accession Number: WOS:000309578100003	17
Phase diagram of the penetrable-square-well model Authors (4): Fantoni, R.; Malijevsky, A. ... Giacometti, A. Published: Jan 2011 in EPL (Europhysics Letters) DOI: 10.1209/0295-5075/93/26002 Accession Number: WOS:000287356100015	17
Phase behavior of weakly polydisperse sticky hard spheres: Perturbation theory for the Percus-Yevick solution Authors (4): Fantoni, Riccardo; Gazzillo, Domenico ... Sollich, Peter Published: 2006 in The Journal of Chemical Physics	17

DOI: 10.1063/1.2358136
Accession Number: WOS:000241722000048

Computer simulation study of the closure relations in hard sphere fluids Authors (2): Fantoni, R; Pastore, G Published: Jun 2004 in The Journal of Chemical Physics DOI: 10.1063/1.1739392 Accession Number: WOS:000221538200034	17
The penetrable square-well model: extensive versus non-extensive phases Authors (4): Fantoni, Riccardo; Malijevsky, Alexandr ... Giacometti, Achille Published: Dec 2011 in Molecular Physics DOI: 10.1080/00268976.2011.597357 Accession Number: WOS:000299109300004	15
Affine quantization of (phi(4))(4) succeeds while canonical quantization fails Authors (2): Fantoni, Riccardo; Klauder, John R. Published: Apr 2021 in Physical Review D DOI: 10.1103/PHYSREVD.103.076013 Accession Number: WOS:000648579600007	14
A cluster theory for a Janus fluid Authors (1): Fantoni, R. Published: Mar 2012 in The European Physical Journal B DOI: 10.1140/EPJB/E2012-20820-1 Accession Number: WOS:000302642200018	14
Nonadditive hard-sphere fluid mixtures: A simple analytical theory Authors (2): Fantoni, Riccardo; Santos, Andres Published: Oct 2011 in Physical Review E DOI: 10.1103/PHYSREVE.84.041201 Accession Number: WOS:000296518800003	14
Fluids of spherical molecules with dipolarlike nonuniform adhesion: An analytically solvable anisotropic model Authors (3): Gazzillo, Domenico; Fantoni, Riccardo; Giacometti, Achille Published: Aug 2008 in Physical Review E DOI: 10.1103/PHYSREVE.78.021201 Accession Number: WOS:000259263600051	13
Wertheim perturbation theory: thermodynamics and structure of patchy colloids Authors (2): Riccardo Fantoni; Giorgio Pastore Published: Oct 2015 in Molecular Physics DOI: 10.1080/00268976.2015.1061150 Accession Number: WOS:000362544000028	12
Depletion force in the infinite-dilution limit in a solvent of nonadditive hard spheres Authors (2): Fantoni, Riccardo; Santos, Andres Published: Jun 2014 in The Journal of Chemical Physics DOI: 10.1063/1.4884353	12

Accession Number: WOS:000338634200051

Non-existence of a phase transition for penetrable square wells in one dimension Published: Jul 2010 in Journal of Statistical Mechanics: Theory and Experiment DOI: 10.1088/1742-5468/2010/07/P07030 Accession Number: WOS:000281744400004	12
Thermodynamic consistency of energy and virial routes: An exact proof within the linearized Debye-Huckel theory Authors (3): Santos, Andres; Fantoni, Riccardo; Giacometti, Achille Published: Nov 2009 in The Journal of Chemical Physics DOI: 10.1063/1.3265991 Accession Number: WOS:000272454500005	12
Phase behaviour of polydisperse sticky hard spheres: analytical solutions and perturbation theory Authors (3): Gazzillo, Domenico; Fantoni, Riccardo; Giacometti, Achille Published: Nov 2006 in Molecular Physics DOI: 10.1080/00268970601050892 Accession Number: WOS:000243977700009	12
One-Dimensional Fluids with Second Nearest-Neighbor Interactions Authors (2): Fantoni, Riccardo; Santos, Andres Published: Nov 2017 in Journal of Statistical Physics DOI: 10.1007/S10955-017-1908-6 Accession Number: WOS:000415377700007	11
Monte Carlo evaluation of the continuum limit of (phi(12))(3) Authors (1): Fantoni, Riccardo Published: Aug 2021 in Journal of Statistical Mechanics: Theory and Experiment DOI: 10.1088/1742-5468/AC0F69 Accession Number: WOS:000680165100001	10
Exact Results for One Dimensional Fluids Through Functional Integration Authors (1): Fantoni, Riccardo Published: 2016 in Journal of Statistical Physics DOI: 10.1007/S10955-016-1510-3 Accession Number: WOS:000375579300010	10
Generating functionals, consistency, and uniqueness in the integral equation theory of liquids Authors (2): Fantoni, R; Pastore, G Published: Aug 2003 in The Journal of Chemical Physics DOI: 10.1063/1.1590642 Accession Number: WOS:000184474100028	10
White-dwarf equation of state and structure: the effect of temperature Published: Nov 2017 in Journal of Statistical Mechanics: Theory and Experiment DOI: 10.1088/1742-5468/AA9339	9

Accession Number: WOS:000414639900001

Fourth Moment Sum Rule for the Charge Correlations of a Two-Component Classical Plasma Authors (2): Alastuey, Angel; Fantoni, Riccardo Published: May 2016 in Journal of Statistical Physics DOI: 10.1007/S10955-016-1512-1 Accession Number: WOS:000374676000009	9
The restricted primitive model of ionic fluids with nonadditive diameters Authors (2): Riccardo Fantoni; Giorgio Pastore Published: Feb 2013 in EPL (Europhysics Letters) DOI: 10.1209/0295-5075/101/46003 Accession Number: WOS:000315999100021	9
Two component plasma in a Flamm’s paraboloid Published: Apr 2012 in Journal of Statistical Mechanics: Theory and Experiment DOI: 10.1088/1742-5468/2012/04/P04015 Accession Number: WOS:000303545700017	9
Direct correlation functions of the Widom-Rowlinson model Authors (2): Fantoni, R; Pastore, G Published: Feb 2004 in Physica A: Statistical Mechanics and Its Applications DOI: 10.1016/J.PHYSA.2003.10.012 Accession Number: WOS:000188086200022	9
Quantum Gibbs ensemble Monte Carlo Published: Sep 2014 in The Journal of Chemical Physics DOI: 10.1063/1.4895974 Accession Number: WOS:000342843200014	8
Multicomponent fluid of nonadditive hard spheres near a wall Authors (2): Fantoni, Riccardo; Santos, Andres Published: Apr 2013 in Physical Review E DOI: 10.1103/PHYSREVE.87.042102 Accession Number: WOS:000317104900005	8
Eliminating nonrenormalizability helps prove scaled affine quantization of phi(4)(4) is nontrivial Authors (2): Fantoni, Riccardo; Klauder, John R. Published: Feb 2022 in International Journal of Modern Physics A DOI: 10.1142/S0217751X22500294 Accession Number: WOS:000769229500003	7
Monte Carlo evaluation of the continuum limit of the two-point function of two Euclidean Higgs real scalar fields subject to affine quantization Authors (2): Fantoni, Riccardo; Klauder, John R. Published: Sep 2021 in Physical Review D DOI: 10.1103/PHYSREVD.104.054514 Accession Number: WOS:000704629900005	7

Monte Carlo Evaluation of the Continuum Limit of the Two-Point Function of the Euclidean Free Real Scalar Field Subject to Affine Quantization Authors (2): Fantoni, Riccardo; Klauder, John R. Published: Sep 2021 in Journal of Statistical Physics DOI: 10.1007/S10955-021-02818-X Accession Number: WOS:000692401500001	7
The density of a fluid on a curved surface Published: Oct 2012 in Journal of Statistical Mechanics: Theory and Experiment DOI: 10.1088/1742-5468/2012/10/P10024 Accession Number: WOS:000310585500027	7
The Magnificent Realm of Affine Quantization: Valid Results for Particles, Fields, and Gravity Authors (2): Klauder, John R.; Fantoni, Riccardo Published: Oct 2023 in Axioms DOI: 10.3390/AXIOMS12100911 Accession Number: WOS:001098077000001	6
Kinetic factors in affine quantization and their role in field theory Monte Carlo Authors (2): Fantoni, Riccardo; Klauder, John R. Published: May 2022 in International Journal of Modern Physics A DOI: 10.1142/S0217751X22500944 Accession Number: WOS:000811562100003	6
Wertheim and Bjerrum-Tani-Henderson theories for associating fluids: A critical assessment Authors (2): Riccardo Fantoni; Giorgio Pastore Published: Aug 2014 in The Journal of Chemical Physics DOI: 10.1063/1.4892878 Accession Number: WOS:000340714600011	6
Local orientational ordering in fluids of spherical molecules with dipolarlike anisotropic adhesion Authors (3): Gazzillo, Domenico; Fantoni, Riccardo; Giacometti, Achille Published: Dec 2009 in Physical Review E DOI: 10.1103/PHYSREVE.80.061207 Accession Number: WOS:000273227500061	6
Two component boson–fermion plasma at finite temperature Published: Mar 2018 in International Journal of Modern Physics C DOI: 10.1142/S0129183118500286 Accession Number: WOS:000430039400009	5
Jellium at finite temperature using the restricted worm algorithm Authors (1): Fantoni, Riccardo Published: Mar 2021 in The European Physical Journal B DOI: 10.1140/EPJB/S10051-021-00078-Y Accession Number: WOS:000630734900001	4
Plasma living in a curved surface at some special temperature	

Authors (1): Fantoni, Riccardo Published: 2019 in Physica A: Statistical Mechanics and Its Applications DOI: 10.1016/J.PHYSA.2019.04.222 Accession Number: WOS:000476966100018	4
One-component fermion plasma on a sphere at finite temperature Published: 2018 in International Journal of Modern Physics C DOI: 10.1142/S012918311850064X Accession Number: WOS:000443597700002	4
The moment sum-rules for ionic liquids at criticality Published: Jul 2017 in Physica A: Statistical Mechanics and Its Applications DOI: 10.1016/J.PHYSA.2017.02.064 Accession Number: WOS:000398873300017	4
One-Dimensional Fluids with Positive Potentials Authors (1): Fantoni, Riccardo Published: Jan 2017 in Journal of Statistical Physics DOI: 10.1007/S10955-016-1707-5 Accession Number: WOS:000395082700010	4
Two-phase coexistence for hydrogen-helium mixtures Published: Jul 2015 in Physical Review E DOI: 10.1103/PHYSREVE.92.012133 Accession Number: WOS:000358439000001	4
Gas-liquid coexistence for the boson square-well fluid and the He 4 binodal anomaly Published: Aug 2014 in Physical Review E DOI: 10.1103/PHYSREVE.90.020102 Accession Number: WOS:000341289600001	4
Radial distribution function in a diffusion Monte Carlo simulation of a Fermion fluid between the ideal gas and the Jellium model Published: Jun 2013 in The European Physical Journal B DOI: 10.1140/EPJB/E2013-40204-3 Accession Number: WOS:000321446200046	4
Some properties of short-range correlations for electrons in quantum wires Authors (2): Fantoni, R; Tosi, MP Published: Jan 1996 in Physica B: Condensed Matter DOI: 10.1016/0921-4526(95)00451-3 Accession Number: WOS:A1996TR03900005	4
Monte Carlo simulation of hard-, square-well, and square-shoulder disks in narrow channels Authors (1): Fantoni, Riccardo Published: Nov 2023 in The European Physical Journal B DOI: 10.1140/EPJB/S10051-023-00625-9 Accession Number: WOS:001108360500001	3

Scaled affine quantization of ultralocal phi 42 a comparative path integral Monte Carlo study with scaled canonical quantization Authors (2): Fantoni, Riccardo; Klauder, John R. Published: Dec 2022 in Physical Review D DOI: 10.1103/PHYSREVD.106.114508 Accession Number: WOS:000906363700004	3
Scaled affine quantization of phi(4)(4) in the low temperature limit Authors (2): Fantoni, Riccardo; Klauder, John R. Published: Sep 2022 in The European Physical Journal C DOI: 10.1140/EPJC/S10052-022-10807-X Accession Number: WOS:000861486700003	3
Jellium at finite temperature Authors (1): Fantoni, Riccardo Published: Oct 2021 in Molecular Physics DOI: 10.1080/00268976.2021.1996648 Accession Number: WOS:000712258400001	3
Form invariance of the moment sum-rules for jellium with the addition of short-range terms in the pair-potential Authors (1): Fantoni, Riccardo Published: Jun 2020 in Indian Journal of Physics DOI: 10.1007/S12648-020-01750-2 Accession Number: WOS:000543007600002	3
Effect of quantum dispersion on the radial distribution function of a one-component sticky-hard-sphere fluid Published: Apr 2018 in Journal of Statistical Mechanics: Theory and Experiment DOI: 10.1088/1742-5468/AAB690 Accession Number: WOS:000430327700001	3
The Square-Shoulder-Asakura–Oosawa model Published: Sep 2016 in Physica A: Statistical Mechanics and Its Applications DOI: 10.1016/J.PHYSA.2016.03.024 Accession Number: WOS:000376693600038	3
Supercooled superfluids in Monte Carlo simulations Published: Feb 2016 in The European Physical Journal B DOI: 10.1140/EPJB/E2016-60917-9 Accession Number: WOS:000375216500004	3
How Should We Choose the Boundary Conditions in a Simulation Which Could Detect Anyons in One and Two Dimensions? Authors (1): Fantoni, Riccardo Published: Jan 2021 in Journal of Low Temperature Physics DOI: 10.1007/S10909-020-02532-0 Accession Number: WOS:000574338800001	2
From the Liouville to the Smoluchowski equation for a colloidal solute particle in a solvent	2

Published: 2019 in Physica A: Statistical Mechanics and Its Applications
DOI: 10.1016/J.PHYSA.2018.09.107
Accession Number: WOS:000452941100061

Hellmann and Feynman theorem versus diffusion Monte Carlo experiment Published: Apr 2013 in Solid State Communications DOI: 10.1016/J.SSC.2013.01.028 Accession Number: WOS:000317800900025	2
Stability of the iterative solutions of integral equations as one phase freezing criterion Authors (2): Fantoni, R; Pastore, G Published: Oct 2003 in Physical Review E DOI: 10.1103/PHYSREVE.68.046104 Accession Number: WOS:000186571200013	2
Coordinate space form of interacting reference response function of d-dimensional jellium Authors (2): Fantoni, R; Tosi, MP Published: Oct 1995 in Nuovo Cimento Della Societa Italiana di Fisica D-condensed Matter Atomic Molecular and Chemical Physics Fluids Plasmas Biophysics DOI: 10.1007/BF02454131 Accession Number: WOS:A1995TM36400009	2
Statistical Gravity Through Affine Quantization Authors (1): Fantoni, Riccardo Published: Dec 2024 in Quantum Reports DOI: 10.3390/QUANTUM6040042 Accession Number: WOS:001383999700001	1
Scaled affine quantization of φ312 is nontrivial Authors (1): Fantoni, Riccardo Published: Dec 2023 in Modern Physics Letters A DOI: 10.1142/S0217732323501675 Accession Number: WOS:001146419000005	1
One-component fermion plasma on a sphere at finite temperature: the anisotropy of the path conformations Authors (1): Fantoni, Riccardo Published: Aug 2023 in Journal of Statistical Mechanics: Theory and Experiment DOI: 10.1088/1742-5468/ACEB54 Accession Number: WOS:001048913500001	1
Andersen-Weeks-Chandler Perturbation Theory and One-Component Sticky-Hard-Spheres Authors (1): Fantoni, Riccardo Published: 2017 in Journal of Statistical Physics DOI: 10.1007/S10955-017-1810-2 Accession Number: WOS:000405520600009	1

Low temperature acoustic polaron localization Published: Mar 2013 in Physica B: Condensed Matter DOI: 10.1016/J.PHYSB.2012.12.032 Accession Number: WOS:000314764900023	1
DECAY OF CORRELATIONS AND RELATED SUM-RULES IN A LAYERED CLASSICAL PLASMA Authors (2): FANTONI, R; TOSI, MP Published: Feb 1995 in Nuovo Cimento Della Societa Italiana di Fisica D-condensed Matter Atomic Molecular and Chemical Physics Fluids Plasmas Biophysics DOI: 10.1007/BF02451594 Accession Number: WOS:A1995QW87300005	1
Statistical Gravity and Entropy of Spacetime Authors (1): Fantoni, Riccardo Published: Mar 2025 in Stats DOI: 10.3390/STATS8010023 Accession Number: WOS:001453746100001	0
Thank the quantum realm for nothing ever entering into black holes Authors (2): Klauder, John R.; Fantoni, Riccardo Published: Aug 2024 in International Journal of Modern Physics A DOI: 10.1142/S0217751X24500945 Accession Number: WOS:001319385900007	0
Continuum Limit of the Green Function in Scaled Affine φ44 Quantum Euclidean Covariant Relativistic Field Theory Authors (1): Fantoni, Riccardo Published: Jun 2024 in Quantum Reports DOI: 10.3390/QUANTUM6020010 Accession Number: WOS:001378796000001	0
Exact Results for One Dimensional Fluids Through Functional Integration (vol 163, pg 1247, 2016) Authors (1): Fantoni, Riccardo Published: 2016 in Journal of Statistical Physics DOI: 10.1007/S10955-016-1519-7 Accession Number: WOS:000376599100010	0
Field-theoretical approach to a dense polymer with an ideal binary mixture of clustering centers Published: Jul 2011 in Physical Review E DOI: 10.1103/PHYSREVE.84.011808 Accession Number: WOS:000293457100008	0

Thermodynamic instabilities of a binary mixture of sticky hard spheres (vol 72, pg 11503, 2005)
Authors (3): Fantoni, R; Gazzillo, D; Giacometti, A
Published: Aug 2005 in Physical Review E
DOI: 10.1103/PHYSREVE.72.029904
Accession Number: WOS:000231564100145

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Wigner crystallization versus Goldstone theorem in a 2D surface one component plasma
Authors (1): Riccardo Fantoni
Published: Jan 2025 in The Physics Educator
DOI: 10.1142/S2661339525500027

Not indexed in the Web of Science

Static Screening in a Degenerate Electron Plasma
Authors (1): Riccardo Fantoni
Published: Sep 2024 in The Physics Educator
DOI: 10.1142/S266133952420004X

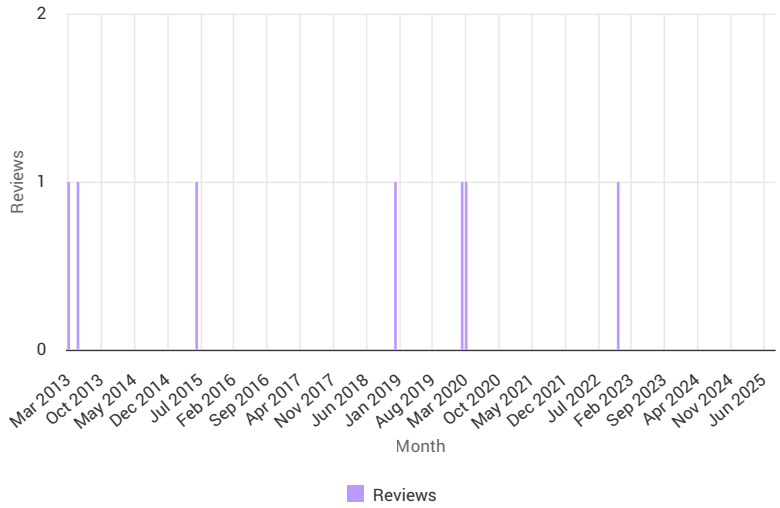
Not indexed in the Web of Science

Thermodynamic Limit of the Free Electron Gas on a Circle
Authors (1): Riccardo Fantoni
Published: Sep 2024 in The Physics Educator
DOI: 10.1142/S2661339524500124

Not indexed in the Web of Science

Verified Reviews

Review Summary



Reviewer Summary

For manuscripts reviewed from date range January 1995 - August 2025

(2) Reports on Mathematical Physics	(2) Journal of Statistical Mechanics: …
(1) Physica A: Statistical Mechanics …	(1) Journal of High Energy Physics, …
(1) Journal of Statistical Physics	

7 REVIEWS OF 6 MANUSCRIPTS

For manuscripts published from date range January 1995 - August 2025

A New Proposal for Black Holes
Reviewed: Nov 2022 for Journal of High Energy Physics, Gravitation and Cosmology
★ At least one of these reviews was rated excellent by an editor

One-dimensional Janus fluids. Exact solution and mapping from the quenched to the annealed system
2 rounds from Feb 2020 to Mar 2020 for Journal of Statistical Mechanics: Theory and Experiment

Triangle-Well and Ramp Interactions in One-Dimensional Fluids: A Fully Analytic Exact Solution
Reviewed: Dec 2018 for Journal of Statistical Physics

Structure and phase behaviors of confined two penetrable soft spheres
Reviewed: Jun 2015 for Physica A: Statistical Mechanics and Its Applications

Partition Function of the Perfect Gas of Clusters Model for Interacting Fluids
Reviewed: May 2013 for Reports on Mathematical Physics

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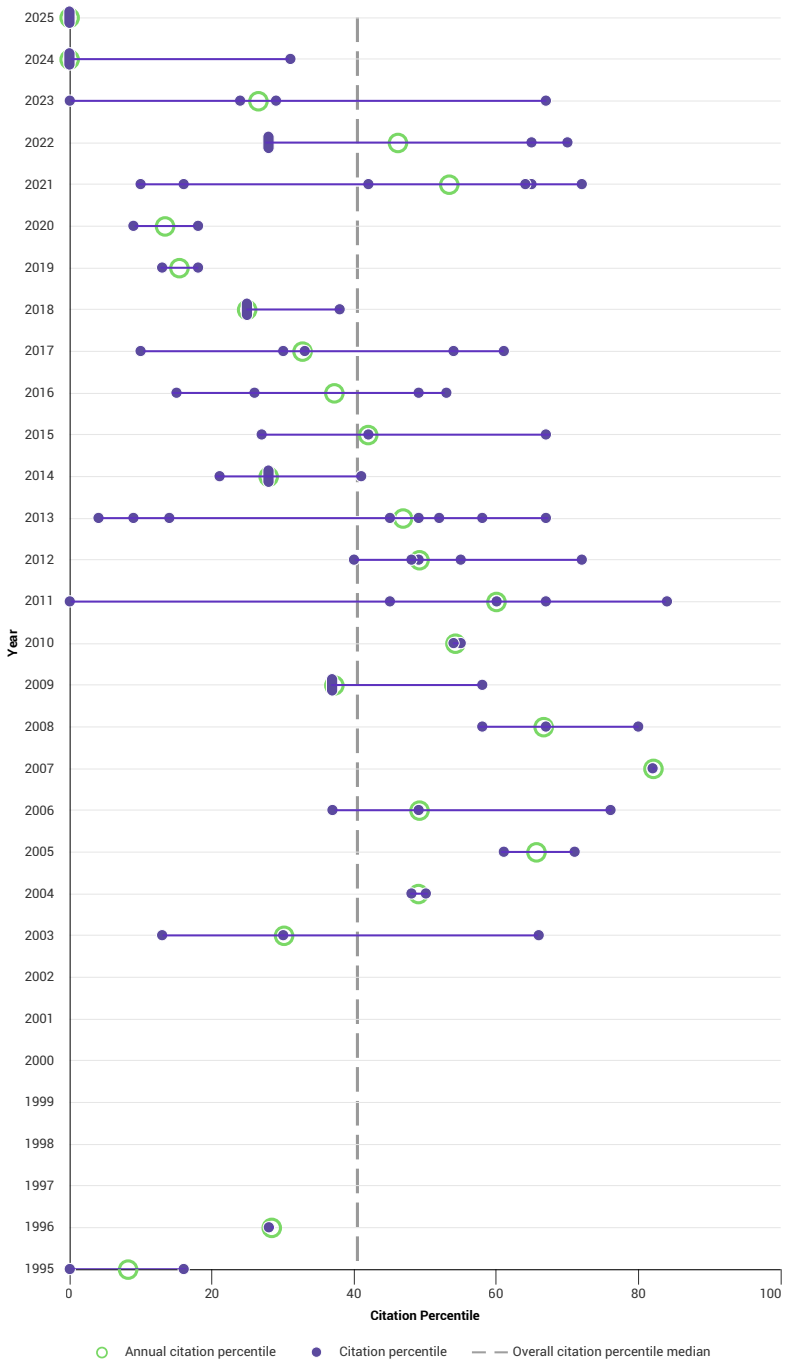
Reviewed: Mar 2013 for Reports on Mathematical Physics

Beamplot Summary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