

Sergio Conti

List of Publications by Year in descending order

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151
papers

4,292
citations

136950

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138484

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154
docs citations

154
times ranked

2600
citing authors

#	ARTICLE	IF	CITATIONS
1	A pessimistic bilevel stochastic problem for elastic shape optimization. <i>Mathematical Programming</i> , 2023, 198, 1125-1151.	2.4	2
2	Variational modeling of paperboard delamination under bending. <i>Mathematics in Engineering</i> , 2022, 5, 1-28.	0.9	1
3	Cohesive Fracture in 1D: Quasi-static Evolution and Derivation from Static Phase-Field Models. <i>Archive for Rational Mechanics and Analysis</i> , 2021, 239, 1501-1576.	2.4	4
4	Asymptotic Self-Similarity of Minimizers and Local Bounds in a Model of Shape-Memory Alloys. <i>Journal of Elasticity</i> , 2021, 147, 149-200.	1.9	5
5	Numerical Study of Microstructures in Single-Slip Finite Elastoplasticity. <i>Journal of Optimization Theory and Applications</i> , 2020, 184, 43-60.	1.5	4
6	Quasiconvex envelope for a model of finite elastoplasticity with one active slip system and linear hardening. <i>Continuum Mechanics and Thermodynamics</i> , 2020, 32, 1187-1196.	2.2	2
7	Symmetric Div-Quasiconvexity and the Relaxation of Static Problems. <i>Archive for Rational Mechanics and Analysis</i> , 2020, 235, 841-880.	2.4	7
8	Data-Driven Finite Elasticity. <i>Archive for Rational Mechanics and Analysis</i> , 2020, 237, 1-33.	2.4	34
9	Energy scaling laws for geometrically linear elasticity models for microstructures in shape memory alloys. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2020, 26, 115.	1.3	13
10	Approximation of functions with small jump sets and existence of strong minimizers of Griffith's energy. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2019, 128, 119-139.	1.6	19
11	Approximation of fracture energies with p -growth via piecewise affine finite elements. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2019, 25, 34.	1.3	10
12	Landau-Type Theory of Planar Crystal Plasticity. <i>Physical Review Letters</i> , 2019, 123, 205501.	7.8	22
13	A note on the Hausdorff dimension of the singular set of solutions to elasticity type systems. <i>Communications in Contemporary Mathematics</i> , 2019, 21, 1950026.	1.2	8
14	Existence of strong minimizers for the Griffith static fracture model in dimension two. <i>Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire</i> , 2019, 36, 455-474.	1.4	19
15	An adaptive relaxation algorithm for multiscale problems and application to nematic elastomers. <i>Journal of the Mechanics and Physics of Solids</i> , 2018, 113, 126-143.	4.8	9
16	Which special functions of bounded deformation have bounded variation?. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2018, 148, 33-50.	1.2	18
17	The anomalous yield behavior of fused silica glass. <i>Journal of the Mechanics and Physics of Solids</i> , 2018, 113, 105-125.	4.8	17
18	Data-Driven Problems in Elasticity. <i>Archive for Rational Mechanics and Analysis</i> , 2018, 229, 79-123.	2.4	72

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19	Approximation of a Brittle Fracture Energy with a Constraint of Non-interpenetration. Archive for Rational Mechanics and Analysis, 2018, 228, 867-889.	2.4	31
20	<i>A posteriori</i> modeling error estimates in the optimization of two-scale elastic composite materials. ESAIM: Mathematical Modelling and Numerical Analysis, 2018, 52, 1457-1476.	1.9	1
21	Homogenization in Magnetic-Shape-Memory Polymer Composites. International Series of Numerical Mathematics, 2018, , 1-17.	1.1	2
22	Stochastic Dominance Constraints in Elastic Shape Optimization. SIAM Journal on Control and Optimization, 2018, 56, 3021-3034.	2.1	7
23	Kinematics of elasto-plasticity: validity and limits of applicability of \mathbf{F}	4.8	13
24	Homogenization of vector-valued partition problems and dislocation cell structures in the plane. Bollettino Dell'Unione Matematica Italiana, 2017, 10, 3-17.	1.0	0
25	Deformation concentration for martensitic microstructures in the limit of low volume fraction. Calculus of Variations and Partial Differential Equations, 2017, 56, 1.	1.7	9
26	Symmetry breaking in indented elastic cones. Mathematical Models and Methods in Applied Sciences, 2017, 27, 291-321.	3.3	8
27	Analytical and Numerical Tools for Relaxation in Crystal Plasticity. Procedia IUTAM, 2017, 20, 56-65.	1.2	2
28	Integral Representation for Functionals Defined on SBDp in Dimension Two. Archive for Rational Mechanics and Analysis, 2017, 223, 1337-1374.	2.4	24
29	Energy Bounds for a Compressed Elastic Film on a Substrate. Journal of Nonlinear Science, 2017, 27, 453-494.	2.1	13
30	Density of polyhedral partitions. Calculus of Variations and Partial Differential Equations, 2017, 56, 1.	1.7	16
31	Piecewise affine stress-free martensitic inclusions in planar nonlinear elasticity. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2017, 473, 20170235	2.1	11
32	Incompressible inelasticity as an essential ingredient for the validity of the kinematic decomposition \mathbf{F}	4.8	10
33	Material Theories. Oberwolfach Reports, 2017, 14, 2047-2099.	0.0	0
34	Korn-Poincaré inequalities for functions with a small jump set. Indiana University Mathematics Journal, 2016, 65, 1373-1399.	0.9	31
35	Low volume-fraction microstructures in martensites and crystal plasticity. Mathematical Models and Methods in Applied Sciences, 2016, 26, 1319-1355.	3.3	17
36	Dislocation microstructures and strain-gradient plasticity with one active slip plane. Journal of the Mechanics and Physics of Solids, 2016, 93, 240-251.	4.8	10

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37	Existence of minimizers for the 2d stationary Griffith fracture model. <i>Comptes Rendus Mathematique</i> , 2016, 354, 1055-1059.	0.3	7
38	Branched Microstructures in the Ginzburg–Landau Model of Type-I Superconductors. <i>SIAM Journal on Mathematical Analysis</i> , 2016, 48, 2994-3034.	1.9	10
39	Phase field approximation of cohesive fracture models. <i>Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire</i> , 2016, 33, 1033-1067.	1.4	71
40	Derivation of $F=FeFp$ as the continuum limit of crystalline slip. <i>Journal of the Mechanics and Physics of Solids</i> , 2016, 89, 231-254.	4.8	27
41	A relaxation method for the energy and morphology of grain boundaries and interfaces. <i>Journal of the Mechanics and Physics of Solids</i> , 2016, 94, 388-408.	4.8	20
42	Hysteresis in magnetic shape memory composites: Modeling and simulation. <i>Journal of the Mechanics and Physics of Solids</i> , 2016, 89, 272-286.	4.8	12
43	An analytical model of interfacial energy based on a lattice-matching interatomic energy. <i>Journal of the Mechanics and Physics of Solids</i> , 2016, 89, 174-193.	4.8	26
44	Relaxation in crystal plasticity with three active slip systems. <i>Continuum Mechanics and Thermodynamics</i> , 2016, 28, 1477-1494.	2.2	4
45	Optimal Scaling in Solids Undergoing Ductile Fracture by Crazing. <i>Archive for Rational Mechanics and Analysis</i> , 2016, 219, 607-636.	2.4	11
46	Folding Patterns in Partially Delaminated Thin Films. <i>Lecture Notes in Applied and Computational Mechanics</i> , 2016, , 25-39.	2.2	1
47	Some recent results on the convergence of damage to fracture. <i>Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni</i> , 2016, 27, 51-60.	0.6	0
48	The Line-Tension Approximation as the Dilute Limit of Linear-Elastic Dislocations. <i>Archive for Rational Mechanics and Analysis</i> , 2015, 218, 699-755.	2.4	37
49	Variational Modeling of Slip: From Crystal Plasticity to Geological Strata. <i>Lecture Notes in Applied and Computational Mechanics</i> , 2015, , 31-62.	2.2	7
50	A line-tension model of dislocation networks on several slip planes. <i>Mechanics of Materials</i> , 2015, 90, 140-147.	3.2	7
51	On the Theory of Relaxation in Nonlinear Elasticity with Constraints on the Determinant. <i>Archive for Rational Mechanics and Analysis</i> , 2015, 217, 413-437.	2.4	34
52	Energy scaling and branched microstructures in a model for shape-memory alloys with $\langle SO \rangle(2)$ invariance. <i>Mathematical Models and Methods in Applied Sciences</i> , 2015, 25, 1091-1124.	3.3	29
53	A micromechanical damage and fracture model for polymers based on fractional strain-gradient elasticity. <i>Journal of the Mechanics and Physics of Solids</i> , 2015, 74, 175-195.	4.8	20
54	Modeling of dislocations and relaxation of functionals on 1-currents with discrete multiplicity. <i>Calculus of Variations and Partial Differential Equations</i> , 2015, 54, 1847-1874.	1.7	30

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55	A nonlocal model of fracture by crazing in polymers. <i>Mechanics of Materials</i> , 2015, 90, 131-139.	3.2	16
56	A BV functional and its relaxation for joint motion estimation and image sequence recovery. <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 2015, 49, 1463-1487.	1.9	5
57	Relaxation of a model energy for the cubic to tetragonal phase transformation in two dimensions. <i>Mathematical Models and Methods in Applied Sciences</i> , 2014, 24, 2929-2942.	3.3	10
58	Korn's second inequality and geometric rigidity with mixed growth conditions. <i>Calculus of Variations and Partial Differential Equations</i> , 2014, 50, 437-454.	1.7	24
59	Kinematic description of crystal plasticity in the finite kinematic framework: A micromechanical understanding of $F=FeFp$. <i>Journal of the Mechanics and Physics of Solids</i> , 2014, 67, 40-61.	4.8	65
60	Optimal Scaling in Solids Undergoing Ductile Fracture by Void Sheet Formation. <i>Archive for Rational Mechanics and Analysis</i> , 2014, 212, 331-357.	2.4	15
61	Optimal scaling laws for ductile fracture derived from strain-gradient microplasticity. <i>Journal of the Mechanics and Physics of Solids</i> , 2014, 62, 295-311.	4.8	16
62	Two-Stage Stochastic Optimization Meets Two-Scale Simulation. <i>International Series of Numerical Mathematics</i> , 2014, , 193-211.	1.1	2
63	Stochastic programming concepts in PDE-constrained shape optimization under uncertainty. , 2014, , 2567-2572.		0
64	RELAXATION OF A MODEL IN FINITE PLASTICITY WITH TWO SLIP SYSTEMS. <i>Mathematical Models and Methods in Applied Sciences</i> , 2013, 23, 2111-2128.	3.3	29
65	Relaxation and microstructure in a model for finite crystal plasticity with one slip system in three dimensions. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2013, 6, 1-16.	1.1	8
66	A Γ -Convergence Analysis of the Quasicontinuum Method. <i>Multiscale Modeling and Simulation</i> , 2013, 11, 766-794.	1.6	12
67	Modeling and Simulation of Large Microstructured Particles in Magnetic Shape Memory Composites. <i>Advanced Engineering Materials</i> , 2012, 14, 582-588.	3.5	3
68	On Shape Optimization with Stochastic Loadings. <i>International Series of Numerical Mathematics</i> , 2012, , 215-243.	1.1	4
69	Asymptotic Behavior of Crystal Plasticity with One Slip System in the Limit of Rigid Elasticity. <i>SIAM Journal on Mathematical Analysis</i> , 2011, 43, 2337-2353.	1.9	23
70	Risk Averse Shape Optimization. <i>SIAM Journal on Control and Optimization</i> , 2011, 49, 927-947.	2.1	27
71	On scalar metrics that maximize geodesic distances in the plane. <i>Calculus of Variations and Partial Differential Equations</i> , 2011, 41, 151-177.	1.7	1
72	Singular Kernels, Multiscale Decomposition of Microstructure, and Dislocation Models. <i>Archive for Rational Mechanics and Analysis</i> , 2011, 199, 779-819.	2.4	31

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73	The div-curl lemma for sequences whose divergence and curl are compact in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" overflow="scroll" \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle W \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \hat{\cdot} \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 27 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 175 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 178$. Comptes Rendus Mathematique, 2011, 349, 175-178.	0.3	27
74	Coupling of order parameters, chirality, and interfacial structures in multiferroic materials. Journal of Physics Condensed Matter, 2011, 23, 142203.	1.8	52
75	Geometrically nonlinear models in crystal plasticity and the limit of rigid elasticity. Proceedings in Applied Mathematics and Mechanics, 2010, 10, 3-6.	0.2	3
76	Multiscale Rigidity in Nonlinear Elasticity. SIAM Journal on Mathematical Analysis, 2010, 42, 1986-2012.	1.9	8
77	Infinite-order laminates in a model in crystal plasticity. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2009, 139, 685-708.	1.2	14
78	Relaxation of a class of variational models in crystal plasticity. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2009, 465, 1735-1742.	2.1	24
79	Γ -convergence for incompressible elastic plates. Calculus of Variations and Partial Differential Equations, 2009, 34, 531-551.	1.7	27
80	Shape Optimization Under Uncertainty—A Stochastic Programming Perspective. SIAM Journal on Optimization, 2009, 19, 1610-1632.	2.0	62
81	Mixed analytical- numerical relaxation in finite single-slip crystal plasticity. Continuum Mechanics and Thermodynamics, 2008, 20, 275-301.	2.2	28
82	Ground state energy scaling laws during the onset and destruction of the intermediate state in a type I superconductor. Communications on Pure and Applied Mathematics, 2008, 61, 595-626.	3.1	38
83	Quasiconvex functions incorporating volumetric constraints are rank-one convex. Journal Des Mathematiques Pures Et Appliquees, 2008, 90, 15-30.	1.6	32
84	Minimum principles for the trajectories of systems governed by rate problems. Journal of the Mechanics and Physics of Solids, 2008, 56, 1885-1904.	4.8	35
85	Macroscopic behaviour of magnetic shape-memory polycrystals and polymer composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 481-482, 351-355.	5.6	21
86	RELAXATION OF SOME TRANSVERSALLY ISOTROPIC ENERGIES AND APPLICATIONS TO SMECTIC A ELASTOMERS. Mathematical Models and Methods in Applied Sciences, 2008, 18, 1-20.	3.3	22
87	Concurrent Multiscale Computing of Deformation Microstructure by Relaxation and Local Enrichment with Application to Single-Crystal Plasticity. Multiscale Modeling and Simulation, 2007, 6, 135-157.	1.6	27
88	Improved bounds for composites and rigidity of gradient fields. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2007, 463, 2031-2048.	2.1	5
89	Derivation of a plate theory for incompressible materials. Comptes Rendus Mathematique, 2007, 344, 541-544.	0.3	9
90	Modeling and simulation of magnetic-shape-memory polymer composites. Journal of the Mechanics and Physics of Solids, 2007, 55, 1462-1486.	4.8	37

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91	Confining Thin Elastic Sheets and Folding Paper. Archive for Rational Mechanics and Analysis, 2007, 187, 1-48.	2.4	75
92	Sharp upper bounds for a variational problem with singular perturbation. Mathematische Annalen, 2007, 338, 119-146.	1.4	32
93	Existence of Lipschitz minimizers for the three-well problem in solid-solid phase transitions. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2007, 24, 953-962.	1.4	16
94	Rigorous Derivation of Γ -Convergence Theory for Clamped Elastic Membranes Leads to Relaxation. SIAM Journal on Mathematical Analysis, 2006, 38, 657-680.	1.9	17
95	Coarsening Rates in Off-Critical Mixtures. SIAM Journal on Mathematical Analysis, 2006, 37, 1732-1741.	1.9	25
96	A recursive-faulting model of distributed damage in confined brittle materials. Journal of the Mechanics and Physics of Solids, 2006, 54, 1972-2003.	4.8	36
97	Nonuniversality in Low-Volume-Fraction Ostwald Ripening. Journal of Statistical Physics, 2006, 124, 231-259.	1.2	4
98	A lower bound for a variational model for pattern formation in shape-memory alloys. Continuum Mechanics and Thermodynamics, 2006, 17, 469-476.	2.2	20
99	Soft elasticity and microstructure in smectic C elastomers. Continuum Mechanics and Thermodynamics, 2006, 18, 319-334.	2.2	18
100	A Sharp-Interface Limit for a Two-Well Problem in Geometrically Linear Elasticity. Archive for Rational Mechanics and Analysis, 2006, 179, 413-452.	2.4	23
101	Rigidity and gamma convergence for solid-solid phase transitions with $SO(2)$ invariance. Communications on Pure and Applied Mathematics, 2006, 59, 830-868.	3.1	62
102	Sufficient conditions for the validity of the Cauchy-Born rule close to $SO(n)$. Journal of the European Mathematical Society, 2006, 8, 515-539.	1.4	31
103	Relaxation and the Computation of Effective Energies and Microstructures in Solid Mechanics. , 2006, , 197-224.		7
104	Derivation of Elastic Theories for Thin Sheets and the Constraint of Incompressibility. , 2006, , 225-247.		14
105	Self-similar folding patterns and energy scaling in compressed elastic sheets. Computer Methods in Applied Mechanics and Engineering, 2005, 194, 2534-2549.	6.6	22
106	A New Approach to Counterexamples to L1 Estimates: Korn's Inequality, Geometric Rigidity, and Regularity for Gradients of Separately Convex Functions. Archive for Rational Mechanics and Analysis, 2005, 175, 287-300.	2.4	84
107	Dislocation Microstructures and the Effective Behavior of Single Crystals. Archive for Rational Mechanics and Analysis, 2005, 176, 103-147.	2.4	109
108	Single-Slip Elastoplastic Microstructures. Archive for Rational Mechanics and Analysis, 2005, 178, 125-148.	2.4	91

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109	Rank-one convex functions on 2×2 symmetric matrices and laminates on rank-three lines. <i>Calculus of Variations and Partial Differential Equations</i> , 2005, 24, 479-493.	1.7	17
110	Energetics and switching of quasi-uniform states in small ferromagnetic particles. <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 2004, 38, 235-248.	1.9	10
111	Monte Carlo simulations of two-dimensional charged bosons. <i>Physical Review B</i> , 2004, 69, .	3.2	29
112	Crystal symmetry and the reversibility of martensitic transformations. <i>Nature</i> , 2004, 428, 55-59.	27.8	297
113	Interaction between free boundaries and domain walls in ferroelastics. <i>European Physical Journal B</i> , 2004, 41, 413-420.	1.5	11
114	A Variational Model for Reconstructive Phase Transformations in Crystals, and their Relation to Dislocations and Plasticity. <i>Archive for Rational Mechanics and Analysis</i> , 2004, 173, 69-88.	2.4	33
115	Crystal Symmetry and the Reversibility of Martensitic Transformations.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
116	Polyconvexity equals rank-one convexity for connected isotropic sets in. <i>Comptes Rendus Mathematique</i> , 2003, 337, 233-238.	0.3	4
117	Multiscale Modeling of Materials " the Role of Analysis. , 2003, , 375-408.		10
118	Semisoft elasticity and director reorientation in stretched sheets of nematic elastomers. <i>Physical Review E</i> , 2002, 66, 061710.	2.1	97
119	Exchange-Correlation Potentials in the Electron Gas. , 2002, , 461-465.		0
120	Mapping QTLs Regulating Morpho-physiological Traits and Yield: Case Studies, Shortcomings and Perspectives in Drought-stressed Maize. <i>Annals of Botany</i> , 2002, 89, 941-963.	2.9	331
121	A γ -convergence result for the two-gradient theory of phase transitions. <i>Communications on Pure and Applied Mathematics</i> , 2002, 55, 857-936.	3.1	49
122	Energy Scaling of Compressed Elastic Films -Three-Dimensional Elasticity and Reduced Theories. <i>Archive for Rational Mechanics and Analysis</i> , 2002, 164, 1-37.	2.4	57
123	Soft elastic response of stretched sheets of nematic elastomers: a numerical study. <i>Journal of the Mechanics and Physics of Solids</i> , 2002, 50, 1431-1451.	4.8	171
124	A γ -convergence result for the two-gradient theory of phase transitions. <i>Communications on Pure and Applied Mathematics</i> , 2002, 55, 857-936.	3.1	1
125	Surface structure of ferroelastic domain walls: a continuum elasticity approach. <i>Journal of Physics Condensed Matter</i> , 2001, 13, L847-L854.	1.8	22
126	Branched microstructures: Scaling and asymptotic self-similarity. <i>Communications on Pure and Applied Mathematics</i> , 2000, 53, 1448-1474.	3.1	74

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127	Rigorous Bounds for the Föppl-von Kármán Theory of Isotropically Compressed Plates. Journal of Nonlinear Science, 2000, 10, 661-685.	2.1	62
128	Branched microstructures: Scaling and asymptotic self-similarity. , 2000, 53, 1448.		1
129	Asymptotic self similarity in a model of branching in microstructured materials. , 2000, , 442-447.		0
130	Elasticity of an electron liquid. Physical Review B, 1999, 60, 7966-7980.	3.2	92
131	Dynamical correlations in a half-filled Landau level. Physical Review B, 1999, 59, 2867-2870.	3.2	2
132	NOVEL ELECTRON GAS SYSTEMS. International Journal of Modern Physics B, 1999, 13, 479-488.	2.0	20
133	Viscosity spectra of a dilute Bose fluid. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 250, 177-184.	2.1	2
134	Dynamics of the two-dimensional electron gas in the lowest Landau level: a continuum elasticity approach. Journal of Physics Condensed Matter, 1998, 10, L779-L786.	1.8	20
135	Engineering superfluidity in electron-hole double layers. Physical Review B, 1998, 57, R6846-R6849.	3.2	59
136	Dynamic exchange-correlation potentials for the electron gas in dimensionality $D=3$ and $D=2$. Physical Review B, 1998, 58, 12758-12769.	3.2	61
137	The internal energy and condensate fraction of a trapped interacting Bose gas. Journal of Physics Condensed Matter, 1997, 9, L33-L38.	1.8	56
138	Time-Dependent Density Functional Theory Beyond the Adiabatic Local Density Approximation. Physical Review Letters, 1997, 79, 4878-4881.	7.8	226
139	The exchange - correlation potential for current-density functional theory of frequency-dependent linear response. Journal of Physics Condensed Matter, 1997, 9, L475-L482.	1.8	28
140	Bosonization theory for tunneling spectra in smooth edges of quantum Hall systems. Physica E: Low-Dimensional Systems and Nanostructures, 1997, 1, 101-104.	2.7	6
141	Dynamic exchange-correlation potentials for the 2D electron gas. Physica E: Low-Dimensional Systems and Nanostructures, 1997, 1, 188-190.	2.7	4
142	Plasmon dispersion and dynamic exchange - correlation potentials from two-pair excitations in degenerate plasmas. Journal of Physics Condensed Matter, 1996, 8, 781-797.	1.8	34
143	Exchange-correlation potential for the local density-functional theory of frequency-dependent linear response. Physica Status Solidi (B): Basic Research, 1996, 193, K11.	1.5	3
144	Monte Carlo simulations of the charged boson fluid at $T=0$. Physical Review B, 1996, 53, 9688-9696.	3.2	29

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145	Collective modes and electronic spectral function in smooth edges of quantum hall systems. Physical Review B, 1996, 54, R14309-R14312.	3.2	35
146	Sum rules for density and particle excitations in a superfluid of charged bosons. Journal of Physics Condensed Matter, 1996, 8, 1921-1936.	1.8	4
147	Electron correlation and charge transfer instability in bilayered two-dimensional electron gas. Europhysics Letters, 1996, 36, 695-700.	2.0	18
148	Upper bounds on plasmon dispersion in the degenerate boson plasma. Journal of Physics Condensed Matter, 1995, 7, L85-L88.	1.8	6
149	Dielectric response of the degenerate plasma of charged bosons in static-local-field approximations. Journal of Physics Condensed Matter, 1994, 6, 8795-8807.	1.8	17
150	Divergent Selection for Heading Date in Barley. Plant Breeding, 1986, 97, 345-351.	1.9	5
151	A branched transport limit of the Ginzburg-Landau functional. Journal De L'Ecole Polytechnique - Mathematiques, 0, 5, 317-375.	0.0	5