

# Stefano Baroni

## List of Publications by Year in descending order

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Version: 2024-02-01

219  
papers

39,865  
citations

30070

54  
h-index

2448

197  
g-index

220  
all docs

220  
docs citations

220  
times ranked

31282  
citing authors

#	ARTICLE	IF	CITATIONS
1	The complex interactions among serotonin, insulin, leptin, and glycolipid metabolic parameters in human obesity. <i>CNS Spectrums</i> , 2022, 27, 99-108.	1.2	6
2	Viscosity in water from first-principles and deep-neural-network simulations. <i>Npj Computational Materials</i> , 2022, 8, .	8.7	23
3	Inflammatory and metabolic markers in patients with mood disorders. <i>World Journal of Biological Psychiatry</i> , 2021, 22, 228-235.	2.6	3
4	Cariprazine as a therapeutic option for schizophrenia: a drug evaluation. <i>Expert Opinion on Pharmacotherapy</i> , 2021, 22, 415-426.	1.8	4
5	Discovery of a natural cyan blue: A unique food-sourced anthocyanin could replace synthetic brilliant blue. <i>Science Advances</i> , 2021, 7, .	10.3	34
6	Decreased Plasma Oxytocin Levels in Patients With PTSD. <i>Frontiers in Psychology</i> , 2021, 12, 612338.	2.1	14
7	Invariance principles in the theory and computation of transport coefficients. <i>European Physical Journal B</i> , 2021, 94, 160.	1.5	19
8	QEHeat: An open-source energy flux calculator for the computation of heat-transport coefficients from first principles. <i>Computer Physics Communications</i> , 2021, 269, 108090.	7.5	7
9	Thermal and Tidal Evolution of Uranus with a Growing Frozen Core. <i>Planetary Science Journal</i> , 2021, 2, 222.	3.6	12
10	Heat transport in liquid water from first-principles and deep neural network simulations. <i>Physical Review B</i> , 2021, 104, .	3.2	29
11	Psychopharmacology and ethnicity: A comparative study on Senegalese and Italian men. <i>World Journal of Biological Psychiatry</i> , 2020, 21, 300-307.	2.6	4
12	Heat and charge transport in H <sub>2</sub> O at ice-giant conditions from ab initio molecular dynamics simulations. <i>Nature Communications</i> , 2020, 11, 3605.	12.8	20
13	Oxidation States, Thouless's™ Pumps, and Nontrivial Ionic Transport in Nonstoichiometric Electrolytes. <i>Physical Review X</i> , 2020, 10, .	8.9	9
14	Electron energy loss spectroscopy of bulk gold with ultrasoft pseudopotentials and the Liouville-Lanczos method. <i>Physical Review B</i> , 2020, 102, .	3.2	8
15	State-of-the-Art: Inflammatory and Metabolic Markers in Mood Disorders. <i>Life</i> , 2020, 10, 82.	2.4	10
16	Effectiveness of clozapine, oxcarbazepine and rivastigmine combination in a bipolar disorder patient with initial cerebral atrophy. <i>Clinical Case Reports (discontinued)</i> , 2020, 8, 254-257.	0.5	3
17	The Relationships Between Obsessive-Compulsive Disorder and Psychosis: An Unresolved Issue.. , 2020, 17, 149-157.		4
18	Treatment of the obsessive-compulsive and bipolar disorders comorbidity: pharmacodynamic and pharmacokinetic evaluation. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2019, 15, 619-631.	3.3	3

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19	Topological quantization and gauge invariance of charge transport in liquid insulators. <i>Nature Physics</i> , 2019, 15, 967-972.	16.7	25
20	Modeling heat transport in crystals and glasses from a unified lattice-dynamical approach. <i>Nature Communications</i> , 2019, 10, 3853.	12.8	122
21	Fast hybrid density-functional computations using plane-wave basis sets. <i>Electronic Structure</i> , 2019, 1, 015009.	2.8	29
22	Unraveling the molecular mechanisms of color expression in anthocyanins. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 8757-8766.	2.8	20
23	Sex-Related Differences in Plasma Oxytocin Levels in Humans. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2019, 15, 58-63.	1.2	41
24	Problematic Internet use in drugs addicts under treatment in public rehab centers. <i>World Journal of Psychiatry</i> , 2019, 9, 55-64.	2.7	10
25	Emotional Blunting, Cognitive Impairment, Bone Fractures, and Bleeding as Possible Side Effects of Long-Term Use of SSRIs. , 2019, 16, 75-85.		0
26	Effect of Valproate and Antidepressant Drugs on Clozapine Metabolism in Patients With Psychotic Mood Disorders. <i>Therapeutic Drug Monitoring</i> , 2018, 40, 443-451.	2.0	11
27	Spin dynamics from time-dependent density functional perturbation theory. <i>European Physical Journal B</i> , 2018, 91, 1.	1.5	17
28	<i>Ab initio</i> study of electron energy loss spectra of bulk bismuth up to 100 eV. <i>Physical Review B</i> , 2017, 95, .	3.2	10
29	Decreased lymphocyte dopamine transporter in romantic lovers. <i>CNS Spectrums</i> , 2017, 22, 290-294.	1.2	13
30	Accurate thermal conductivities from optimally short molecular dynamics simulations. <i>Scientific Reports</i> , 2017, 7, 15835.	3.3	49
31	Effectiveness of Nalmefene in Binge Eating Disorder. <i>Journal of Clinical Psychopharmacology</i> , 2016, 36, 103-104.	1.4	6
32	Asenapine augmentation in bipolar disorders: a case series. <i>Clinical Case Reports (discontinued)</i> , 2016, 4, 499-504.	0.5	4
33	Sampling Molecular Conformers in Solution with Quantum Mechanical Accuracy at a Nearly Molecular-Mechanics Cost. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 4385-4389.	5.3	15
34	Multimodel Approach to the Optical Properties of Molecular Dyes in Solution. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 4423-4429.	5.3	13
35	Gauge Invariance of Thermal Transport Coefficients. <i>Journal of Low Temperature Physics</i> , 2016, 185, 79-86.	1.4	31
36	Microscopic theory and quantum simulation of atomic heat transport. <i>Nature Physics</i> , 2016, 12, 80-84.	16.7	93

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37	Current Trends on Antipsychotics: Focus on Asenapine. <i>Current Medicinal Chemistry</i> , 2016, 23, 2204-2216.	2.4	13
38	Plasma Oxytocin Levels in Untreated Adult Obsessive-Compulsive Disorder Patients. <i>Neuropsychobiology</i> , 2015, 72, 74-80.	1.9	29
39	Neuropsychological Testing in Interventional Cardiology Staff after Long-Term Exposure to Ionizing Radiation. <i>Journal of the International Neuropsychological Society</i> , 2015, 21, 670-676.	1.8	39
40	turboEELS: A code for the simulation of the electron energy loss and inelastic X-ray scattering spectra using the Liouville-Lanczos approach to time-dependent density-functional perturbation theory. <i>Computer Physics Communications</i> , 2015, 196, 460-469.	7.5	41
41	Self-consistent continuum solvation for optical absorption of complex molecular systems in solution. <i>Journal of Chemical Physics</i> , 2015, 142, 034111.	3.0	17
42	Accurate and Inexpensive Prediction of the Color Optical Properties of Anthocyanins in Solution. <i>Journal of Physical Chemistry A</i> , 2015, 119, 3816-3822.	2.5	36
43	Neurobiological correlates of social anxiety disorder: an update. <i>CNS Spectrums</i> , 2015, 20, 100-111.	1.2	41
44	Optical properties of anthocyanins in the gas phase. <i>Chemical Physics Letters</i> , 2015, 618, 24-29.	2.6	4
45	Food Addiction Spectrum: A Theoretical Model from Normality to Eating and Overeating Disorders. <i>Current Medicinal Chemistry</i> , 2015, 22, 1631-1638.	2.4	18
46	Nalmefene: A Novel Drug for an Old Disorder. <i>Current Medicinal Chemistry</i> , 2015, 22, 3162-3168.	2.4	3
47	The inflammatory hypothesis of mood spectrum broadened to fibromyalgia and chronic fatigue syndrome. <i>Clinical and Experimental Rheumatology</i> , 2015, 33, S109-16.	0.8	11
48	Behavioral addictions: a novel challenge for psychopharmacology. <i>CNS Spectrums</i> , 2014, 19, 486-495.	1.2	40
49	Approximate treatment of semicore states in GW calculations with application to Au clusters. <i>Journal of Chemical Physics</i> , 2014, 140, 124101.	3.0	5
50	Clozapine effects on adenylyl cyclase activity and serotonin type 1A receptors in human brain post-mortem. <i>Journal of Psychopharmacology</i> , 2014, 28, 320-328.	4.0	6
51	Metabolic syndrome and major depression. <i>CNS Spectrums</i> , 2014, 19, 293-304.	1.2	139
52	turboTDDFT 2.0: Hybrid functionals and new algorithms within time-dependent density-functional perturbation theory. <i>Computer Physics Communications</i> , 2014, 185, 2080-2089.	7.5	55
53	Dimorphic changes of some features of loving relationships during long-term use of antidepressants in depressed outpatients. <i>Journal of Affective Disorders</i> , 2014, 166, 151-155.	4.1	10
54	Pathological gambling and impulsivity: an Italian study. <i>Rivista Di Psichiatria</i> , 2014, 49, 95-9.	0.6	17

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55	Energy-level alignment in organic dye-sensitized TiO <sub>2</sub> from GW calculations. <i>Journal of Chemical Physics</i> , 2013, 139, 014709.	3.0	53
56	Electron energy loss and inelastic x-ray scattering cross sections from time-dependent density-functional perturbation theory. <i>Physical Review B</i> , 2013, 88, .	3.2	29
57	Serotonin receptor of type 6 (5-HT <sub>6</sub> ) in human prefrontal cortex and hippocampus post-mortem: An immunohistochemical and immunofluorescence study. <i>Neurochemistry International</i> , 2013, 62, 182-188.	3.8	31
58	The neurobiology of moral sense: facts or hypotheses?. <i>Annals of General Psychiatry</i> , 2013, 12, 6.	2.7	25
59	Glutamate system as target for development of novel antidepressants. <i>CNS Spectrums</i> , 2013, 18, 188-198.	1.2	24
60	The expression of platelet serotonin transporter (SERT) in human obesity. <i>BMC Neuroscience</i> , 2013, 14, 128.	1.9	17
61	Pharmacokinetics and pharmacodynamics of psychotropic drugs: effect of sex. <i>CNS Spectrums</i> , 2013, 18, 118-127.	1.2	64
62	Non-Monoaminergic Targets for the Development of Antidepressants: Focus on Neuropeptides. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013, 13, 2-10.	2.4	27
63	Serotonin Receptors of Type 6 (5-HT <sub>6</sub> ): From Neuroscience to Clinical Pharmacology. <i>Current Medicinal Chemistry</i> , 2013, 20, 371-377.	2.4	20
64	Prefrontal cortex, dopamine, and jealousy endophenotype. <i>CNS Spectrums</i> , 2013, 18, 6-14.	1.2	22
65	The Relationship Between Epilepsy and Depression: An Update. <i>Current Medicinal Chemistry</i> , 2013, 20, 2861-2867.	2.4	12
66	The Role of Platelet/Lymphocyte Serotonin Transporter in Depression and Beyond. <i>Current Drug Targets</i> , 2013, 14, 522-530.	2.1	14
67	Cognitive, Psychological and Psychiatric Effects of Ionizing Radiation Exposure. <i>Current Medicinal Chemistry</i> , 2012, 19, 1864-1869.	2.4	57
68	Absolute Transition Rates for Rare Events from Dynamical Decoupling of Reaction Variables. <i>Physical Review Letters</i> , 2012, 109, 150601.	7.8	9
69	Plasma clomipramine levels in adult patients with obsessive-compulsive disorder. <i>International Clinical Psychopharmacology</i> , 2012, 27, 55-60.	1.7	7
70	Gender effect on the relationship between stress hormones and panic-agoraphobic spectrum dimensions in healthy subjects. <i>CNS Spectrums</i> , 2012, 17, 214-220.	1.2	7
71	A link between oxytocin and serotonin in humans: Supporting evidence from peripheral markers. <i>European Neuropsychopharmacology</i> , 2012, 22, 578-583.	0.7	29
72	Plasma fluvoxamine levels and OCD symptoms/response in adult patients. <i>Human Psychopharmacology</i> , 2012, 27, 397-402.	1.5	7

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73	Distribution of Serotonin Receptor of Type 6 (5-HT6) in Human Brain Post-mortem. A Pharmacology, Autoradiography and Immunohistochemistry Study. <i>Neurochemical Research</i> , 2012, 37, 920-927.	3.3	26
74	Serotonin Receptors of Type 6 (5-HT6): What can we Expect from them?. <i>Current Medicinal Chemistry</i> , 2011, 18, 2783-2790.	2.4	22
75	Itinerant ferromagnetic phase of the Hubbard model. <i>Physical Review B</i> , 2011, 83, .	3.2	26
76	Surface Precursors and Reaction Mechanisms for the Thermal Reduction of Graphene Basal Surfaces Oxidized by Atomic Oxygen. <i>Journal of Physical Chemistry C</i> , 2011, 115, 4730-4737.	3.1	101
77	Oxygen Dissociation by Concerted Action of Di-Iron Centers in Metal-Organic Coordination Networks at Surfaces: Modeling Non-Heme Iron Enzymes. <i>Nano Letters</i> , 2011, 11, 5414-5420.	9.1	66
78	Is Androstadienone a Putative Human Pheromone?. <i>Current Medicinal Chemistry</i> , 2011, 18, 1213-1219.	2.4	4
79	turboTDDFT – A code for the simulation of molecular spectra using the Liouville-Lanczos approach to time-dependent density-functional perturbation theory. <i>Computer Physics Communications</i> , 2011, 182, 1744-1754.	7.5	167
80	Novel Treatment Options of Binge Eating Disorder. <i>Current Medicinal Chemistry</i> , 2011, 18, 5159-5164.	2.4	10
81	Order-disorder phase boundary between ice VII and VIII obtained by first principles. <i>Chemical Physics Letters</i> , 2010, 499, 236-240.	2.6	40
82	Latest Advancements on Serotonin and Dopamine Transporters in Lymphocytes. <i>Mini-Reviews in Medicinal Chemistry</i> , 2010, 10, 32-40.	2.4	28
83	Romantic Attachment and Subtypes/Dimensions of Jealousy. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2010, 6, 53-58.	1.2	26
84	Harnessing molecular excited states with Lanczos chains. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 074204.	1.8	15
85	Reptation quantum Monte Carlo algorithm for lattice Hamiltonians with a directed-update scheme. <i>Physical Review E</i> , 2010, 82, 046710.	2.1	13
86	Metallization of the C60/Rh(100) interface revealed by valence photoelectron spectroscopy and density functional theory calculations. <i>Journal of Chemical Physics</i> , 2010, 132, 234710.	3.0	5
87	Male axillary extracts modify the affinity of the platelet serotonin transporter and impulsiveness in women. <i>Physiology and Behavior</i> , 2010, 100, 364-368.	2.1	8
88	Alterations of the dopamine transporter in resting lymphocytes of patients with different psychotic disorders. <i>Psychiatry Research</i> , 2010, 175, 54-57.	3.3	18
89	GW quasiparticle spectra from occupied states only. <i>Physical Review B</i> , 2010, 81, .	3.2	172
90	Romantic Attachment and Subtypes/Dimensions of Jealousy. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2010, 1, 53-58.	1.2	1

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91	Impulsivity, gender, and the platelet serotonin transporter in healthy subjects. <i>Neuropsychiatric Disease and Treatment</i> , 2010, 6, 9-15.	2.2	22
92	Zero-temperature dynamics of solid $\langle H \rangle$ from quantum Monte Carlo simulations. <i>Physical Review B</i> , 2009, 80, .	3.2	8
93	Second Messenger Modulation: A Novel Target of Future Antidepressants?. <i>Current Medicinal Chemistry</i> , 2009, 16, 4679-4690.	2.4	6
94	Time-dependent density functional theory study of squaraine dye-sensitized solar cells. <i>Chemical Physics Letters</i> , 2009, 475, 49-53.	2.6	82
95	QUANTUM ESPRESSO: a modular and open-source software project for quantum simulations of materials. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 395502.	1.8	18,183
96	[3H]-YM-09151-2 binding sites in human brain postmortem. <i>Neurochemistry International</i> , 2009, 55, 643-647.	3.8	10
97	Normalisation of immune cell imbalance after pharmacological treatments of patients suffering from obsessive-compulsive disorder. <i>Journal of Psychopharmacology</i> , 2009, 23, 567-573.	4.0	17
98	Optimal representation of the polarization propagator for large-scale $\langle G \rangle$ calculations. <i>Physical Review B</i> , 2009, 79, .	3.2	103
99	Molecular design of photoactive acenes for organic photovoltaics. <i>Journal of Chemical Physics</i> , 2009, 130, 194701.	3.0	19
100	Presence and Characterization of the Dopamine Transporter in Human Resting Lymphocytes. <i>Neurochemical Research</i> , 2008, 33, 1011-1016.	3.3	12
101	Adsorption of chlorine on Ag(111): No subsurface Cl at low coverage. <i>Physical Review B</i> , 2008, 78, .	3.2	37
102	Electronic Structure of Surface-supported Bis(phthalocyaninato) terbium(III) Single Molecular Magnets. <i>Nano Letters</i> , 2008, 8, 3364-3368.	9.1	183
103	Ab initio simulation of photoemission spectroscopy in solids: Plane-wave pseudopotential approach with applications to normal-emission spectra of Cu(001) and Cu(111). <i>Physical Review B</i> , 2008, 77, .	3.2	9
104	Activated Adsorption of Ethylene on Atomic-Oxygen-Covered Ag(100) and Ag(210): Formation of an Oxametallacycle. <i>Journal of Physical Chemistry C</i> , 2008, 112, 1019-1027.	3.1	21
105	Decreased Density of the Platelet Serotonin Transporter in Pathological Gamblers. <i>Neuropsychobiology</i> , 2008, 57, 38-43.	1.9	26
106	Turbo charging time-dependent density-functional theory with Lanczos chains. <i>Journal of Chemical Physics</i> , 2008, 128, 154105.	3.0	234
107	Properties of Pt-supported Co nanomagnets from relativistic density functional theory calculations. <i>Physical Review B</i> , 2008, 78, .	3.2	26
108	Characterizing In and N impurities in GaAs from ab initio computer simulation of (110) cross-sectional STM images. <i>Physical Review B</i> , 2007, 75, .	3.2	6

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109	Thermal balneotherapy induces changes of the platelet serotonin transporter in healthy subjects. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 1436-1439.	4.8	15
110	Defect-Controlled Transport Properties of Metallic Atoms along Carbon Nanotube Surfaces. <i>Physical Review Letters</i> , 2007, 99, 046803.	7.8	31
111	Hydrogen and Coordination Bonding Supramolecular Structures of Trimesic Acid on Cu(110). <i>Journal of Physical Chemistry A</i> , 2007, 111, 12589-12603.	2.5	118
112	Computational Spectroscopy of Carbon Monoxide Isotopomers in Helium Clusters. <i>Journal of Physical Chemistry A</i> , 2007, 111, 7640-7645.	2.5	26
113	Unraveling Excited States of Doped Helium Clusters. <i>Journal of Physical Chemistry A</i> , 2007, 111, 12749-12753.	2.5	4
114	Presence of D4 dopamine receptors in human prefrontal cortex: a postmortem study. <i>Revista Brasileira De Psiquiatria</i> , 2007, 29, 148-152.	1.7	4
115	SixC1 <sup>x</sup> O2 alloys: A possible route to stabilize carbon-based silica-like solids?. <i>Solid State Communications</i> , 2007, 144, 273-276.	1.9	16
116	Tubby protein in human lymphocytes from normal weight and obese subjects. <i>Clinical Biochemistry</i> , 2007, 40, 806-809.	1.9	4
117	Efficient Approach to Time-Dependent Density-Functional Perturbation Theory for Optical Spectroscopy. <i>Physical Review Letters</i> , 2006, 96, 113001.	7.8	208
118	Interaction of Hydrogen with Cerium Oxide Surfaces: a Quantum Mechanical Computational Study. <i>Journal of Physical Chemistry B</i> , 2006, 110, 19380-19385.	2.6	85
119	DFT Study of a Weakly $\pi$ -Bonded C <sub>2</sub> H <sub>4</sub> on Oxygen-Covered Ag(100). <i>Journal of Physical Chemistry B</i> , 2006, 110, 367-376.	2.6	20
120	Monitoring Two-Dimensional Coordination Reactions: Directed Assembly of Co <sup>2+</sup> Terephthalate Nanosystems on Au(111). <i>Journal of Physical Chemistry B</i> , 2006, 110, 5627-5632.	2.6	74
121	Binding of 3H-WIN-35,428 and 125I-RTI-121 to Human Platelet Membranes. <i>Neurochemical Research</i> , 2006, 31, 361-365.	3.3	13
122	Common Alterations in the Serotonin Transporter in Platelets and Lymphocytes of Psychotic Patients. <i>Pharmacopsychiatry</i> , 2006, 39, 35-38.	3.3	15
123	A relationship between oxytocin and anxiety of romantic attachment. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2006, 2, 28.	1.2	99
124	Methane Dehydrogenation on Rh@Cu(111): A First-Principles Study of a Model Catalyst. <i>Journal of the American Chemical Society</i> , 2006, 128, 12448-12454.	13.7	60
125	Cross-sectional imaging of sharp Si interlayers embedded in gallium arsenide. <i>Applied Physics Letters</i> , 2006, 88, 022115.	3.3	4
126	On-surface and sub-surface oxygen adsorption on Ag(210): Vibrational properties. <i>Surface Science</i> , 2005, 587, 50-54.	1.9	12



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127	Computational spectroscopy of doped He clusters. <i>Computer Physics Communications</i> , 2005, 169, 404-407.	7.5	18
128	Characterization of Si-doped GaAs cross-sectional surfaces via ab initio simulations. <i>Physical Review B</i> , 2005, 72, .	3.2	14
129	Computer Simulation of Quantum Melting in Hydrogen Clusters. <i>ChemPhysChem</i> , 2005, 6, 1884-1888.	2.1	30
130	Templated Growth of Metal-Organic Coordination Chains at Surfaces. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6142-6145.	13.8	125
131	Energetically Driven Reorganization of a Modified Catalytic Surface under Reaction Conditions. <i>Journal of the American Chemical Society</i> , 2005, 127, 2351-2357.	13.7	37
132	Computational spectroscopy of helium-solvated molecules: Effective inertia, from small He clusters toward the nanodroplet regime. <i>Journal of Chemical Physics</i> , 2005, 123, 114306.	3.0	57
133	Spin-Flop Ordering from Frustrated Ferro- and Antiferromagnetic Interactions: A Combined Theoretical and Experimental Study of a Mn/Fe(100) Monolayer. <i>Physical Review Letters</i> , 2005, 95, 117201.	7.8	27
134	Taming multiple valency with density functionals: A case study of defective ceria. <i>Physical Review B</i> , 2005, 71, .	3.2	383
135	First-principles codes for computational crystallography in the Quantum-ESPRESSO package. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2005, 220, .	0.8	177
136	Decreased density of peripheral benzodiazepine receptors in psychiatric patients after a suicide attempt. <i>Life Sciences</i> , 2005, 77, 3268-3275.	4.3	8
137	Electronic and Atomistic Structures of Clean and Reduced Ceria Surfaces. <i>Journal of Physical Chemistry B</i> , 2005, 109, 22860-22867.	2.6	358
138	Reply to 'Comment on "Taming multiple valency with density functionals: A case study of defective ceria"'. <i>Physical Review B</i> , 2005, 72, .	3.2	177
139	Changes in peripheral benzodiazepine receptors in patients with bipolar disorder. <i>Neuropsychiatric Disease and Treatment</i> , 2005, 1, 151-154.	2.2	4
140	Anomalous Pressure-Induced Transition(s) in Ice XI. <i>Physical Review Letters</i> , 2004, 92, 105502.	7.8	37
141	Absence of NK <sub>1</sub> Receptors in Human Blood Lymphocytes and Granulocytes. <i>Neuropsychobiology</i> , 2004, 50, 221-225.	1.9	3
142	Platelet $\alpha_2$ -Adrenoreceptors in Obsessive-Compulsive Disorder. <i>Neuropsychobiology</i> , 2004, 49, 81-83.	1.9	3
143	Adsorption of ethylene on stepped Ag() surfaces. <i>Surface Science</i> , 2004, 566-568, 1018-1023.	1.9	16
144	Engineering the Reactivity of Metal Catalysts: A Model Study of Methane Dehydrogenation on Rh(111). <i>Journal of the American Chemical Society</i> , 2004, 126, 16732-16733.	13.7	80

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145	Rotational dynamics of CO solvated in small He clusters: A quantum Monte Carlo study. <i>Journal of Chemical Physics</i> , 2004, 120, 9071-9076.	3.0	46
146	Oxygen vibrations in O $\alpha$ Ag(001). <i>Surface Science</i> , 2003, 530, 26-36.	1.9	17
147	Co-adsorption of ethylene and oxygen on the Ag(001) surface. <i>Surface Science</i> , 2003, 532-535, 191-197.	1.9	14
148	Normal and obsessional jealousy: a study of a population of young adults. <i>European Psychiatry</i> , 2003, 18, 106-111.	0.2	44
149	Jealousy and Subthreshold Psychopathology: A Serotonergic Link. <i>Neuropsychobiology</i> , 2003, 47, 12-16.	1.9	19
150	Decreased Lymphocyte <sup>3</sup> H-Paroxetine Binding in Obsessive-Compulsive Disorder. <i>Neuropsychobiology</i> , 2003, 47, 128-130.	1.9	4
151	Structure, Rotational Dynamics, and Superfluidity of Small OCS-Doped He Clusters. <i>Physical Review Letters</i> , 2003, 90, 143401.	7.8	111
152	Platelet Serotonin Transporter in Patients With Diarrhea-Predominant Irritable Bowel Syndrome Both Before and After Treatment With Alosetron. <i>American Journal of Gastroenterology</i> , 2003, 98, 2705-2711.	0.4	53
153	The Interaction of Ethylene with Perfect and Defective Ag(001) Surfaces. <i>Journal of Physical Chemistry B</i> , 2002, 106, 9839-9846.	2.6	45
154	Adsorption of atomic oxygen on Ag(): a study based on density-functional theory. <i>Surface Science</i> , 2002, 501, 182-190.	1.9	47
155	Decreased inhibitory activity of PKC in OCD patients after six months of treatment. <i>Psychoneuroendocrinology</i> , 2002, 27, 769-776.	2.7	11
156	Phonons and related crystal properties from density-functional perturbation theory. <i>Reviews of Modern Physics</i> , 2001, 73, 515-562.	45.6	7,534
157	First principles thermoelasticity of MgSiO <sub>3</sub> -perovskite: Consequences for the inferred properties of the lower mantle. <i>Geophysical Research Letters</i> , 2001, 28, 2699-2702.	4.0	55
158	Decreased platelet [3H]paroxetine binding sites in suicide attempters. <i>Psychiatry Research</i> , 2001, 103, 125-131.	3.3	20
159	Oxygen Self-Diffusion in $\alpha$ -Quartz. <i>Physical Review Letters</i> , 2001, 86, 4564-4567.	7.8	57
160	Distribution of [3H]GR65630 binding in human brain postmortem. <i>Neurochemical Research</i> , 2001, 26, 187-190.	3.3	22
161	Correlation between Platelet $\alpha_2$ -Adrenoreceptors and Symptom Severity in Major Depression. <i>Neuropsychobiology</i> , 2001, 44, 122-125.	1.9	9
162	Pharmacological Characterization of the Serotonin Transporter in Young and Elderly Subjects. <i>Neuropsychobiology</i> , 2001, 44, 78-83.	1.9	6

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163	Increased Density of the Platelet Serotonin Transporter in Autism. <i>Pharmacopsychiatry</i> , 2000, 33, 165-168.	3.3	43
164	Effects of isotopic disorder on the Raman spectra of crystals: Theory and ab initio calculations for diamond and germanium. <i>Physical Review B</i> , 2000, 61, 9387-9392.	3.2	19
165	Magnons in real materials from density-functional theory. <i>Physical Review B</i> , 2000, 61, R6459-R6462.	3.2	118
166	Effects of isotopic disorder on the Raman spectra of crystals: theory and ab initio calculations for diamond and germanium. <i>Computational Materials Science</i> , 2000, 17, 395-399.	3.0	8
167	Thermodynamic properties and lattice dynamics of silver at high pressure: A first-principles study. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 1999, 79, 911-919.	0.6	20
168	Reptation Quantum Monte Carlo: A Method for Unbiased Ground-State Averages and Imaginary-Time Correlations. <i>Physical Review Letters</i> , 1999, 82, 4745-4748.	7.8	197
169	Effects of disorder on the optical gap of (Zn,Mg)(S,Se). <i>Applied Physics Letters</i> , 1999, 75, 2746-2748.	3.3	14
170	High-pressure thermal expansion, bulk modulus, and phonon structure of diamond. <i>Physical Review B</i> , 1999, 60, 9444-9449.	3.2	84
171	Temperature-dependent surface relaxations of Ag(111). <i>Physical Review B</i> , 1999, 59, 970-974.	3.2	58
172	Platelet [ <sup>3</sup> H]paroxetine binding in patients with OCD-related disorders. <i>Psychiatry Research</i> , 1999, 89, 223-228.	3.3	40
173	The reconstruction of nickel and rhodium (001) surfaces upon carbon, nitrogen or oxygen adsorptions. <i>Surface Science</i> , 1999, 437, 18-28.	1.9	36
174	First-principles calculation of the thermal properties of silver. <i>Physical Review B</i> , 1999, 59, 965-969.	3.2	124
175	Presence and Characterization of the Serotonin Transporter in Human Resting Lymphocytes. <i>Neuropsychopharmacology</i> , 1998, 19, 154-159.	5.4	31
176	$\hat{\Gamma}^{\pm\hat{\alpha}\hat{\Gamma}}\hat{\Gamma}^{\pm}$ phase transition in tin: A theoretical study based on density-functional perturbation theory. <i>Physical Review B</i> , 1998, 57, 10421-10423.	3.2	106
177	Dynamical-charge neutrality at a crystal surface. <i>Physical Review B</i> , 1998, 57, 5742-5745.	3.2	16
178	Vibrational broadening of x-ray emission spectra: A first-principles study on diamond. <i>Physical Review B</i> , 1997, 55, 9649-9658.	3.2	21
179	The surface chemistry of metal-oxygen interactions: a first-principles study of O:Rh(110). <i>Surface Science</i> , 1997, 370, 166-178.	1.9	35
180	The structure and phase stability of CO adsorbates on Rh(110). <i>Surface Science</i> , 1997, 382, L666-L671.	1.9	8

#	ARTICLE	IF	CITATIONS
181	Theory of the Anomalous Rayleigh Dispersion at H/W(110) Surfaces. Physical Review Letters, 1996, 77, 2491-2494.	7.8	51
182	The phonon spectra of LiH and LiD from density-functional perturbation theory. Solid State Communications, 1996, 98, 203-207.	1.9	32
183	InAs/GaSb(001) valence band offset: Independence of interface composition and strain. Applied Physics Letters, 1996, 69, 3218-3220.	3.3	13
184	High-pressure low-symmetry phases of cesium halides. Physical Review B, 1995, 51, 8060-8068.	3.2	23
185	Anharmonic Phonon Lifetimes in Semiconductors from Density-Functional Perturbation Theory. Physical Review Letters, 1995, 75, 1819-1822.	7.8	325
186	Density-functional theory of the dielectric constant: Gradient-corrected calculation for silicon. Physical Review B, 1994, 49, 5323-5328.	3.2	87
187	Bulk and interfacial strain in Si/Ge heterostructures. Physical Review B, 1994, 49, 7490-7498.	3.2	22
188	Structure and phase stability of $GaxIn_{1-x}P$ solid solutions from computational alchemy. Physical Review Letters, 1994, 72, 4001-4004.	7.8	61
189	Vibrational and dielectric properties of C60 from density-functional perturbation theory. Journal of Chemical Physics, 1994, 100, 8537-8539.	3.0	184
190	Dependence of the crystal lattice constant on isotopic composition: Theory and ab initio calculations for C, Si, and Ge. Solid State Communications, 1994, 90, 295-297.	1.9	94
191	Third-order density-functional perturbation theory: A practical implementation with applications to anharmonic couplings in Si. Solid State Communications, 1994, 91, 813-816.	1.9	48
192	Nonlinear piezoelectricity in CdTe. Physical Review B, 1993, 47, 16252-16256.	3.2	48
193	Ab initio calculation of the band offset at strained GaAs/InAs (001) heterojunctions. Physical Review B, 1993, 48, 17607-17610.	3.2	37
194	Auxiliary-field quantum Monte Carlo calculations for systems with long-range repulsive interactions. Physical Review Letters, 1993, 71, 1148-1151.	7.8	32
195	Ab initio calculation of phonon dispersions in II-VI semiconductors. Physical Review B, 1993, 47, 3588-3592.	3.2	229
196	Band offsets engineering at semiconductor heterojunctions. , 1993, , .		1
197	Phonon softening and high-pressure low-symmetry phases of cesium iodide. Physical Review Letters, 1992, 69, 1069-1072.	7.8	27
198	Effects of disorder on the Raman spectra of GaAs/AlAs superlattices. Physical Review B, 1992, 45, 4280-4288.	3.2	88

#	ARTICLE	IF	CITATIONS
199	Effects of disorder on the vibrational properties of SiGe alloys: Failure of mean-field approximations. Physical Review Letters, 1992, 69, 1959-1962.	7.8	49
200	Atomic intermixing in short period GaAs/AlAs superlattices. Surface Science, 1992, 267, 171-175.	1.9	25
201	Vibrational properties of isolated AlAs monolayers embedded in GaAs: a theoretical study of the effects of disorder. Applied Surface Science, 1992, 56-58, 617-621.	6.1	0
202	Ab initio calculation of phonon dispersions in semiconductors. Physical Review B, 1991, 43, 7231-7242.	3.2	1,619
203	Tuning band offsets at semiconductor interfaces by intralayer deposition. Physical Review B, 1991, 43, 7347-7350.	3.2	103
204	Structure and thermodynamics of $\text{Si}_x\text{Ge}_{1-x}$ alloys from ab initio Monte Carlo simulations. Physical Review Letters, 1991, 66, 2116-2119.	7.8	155
205	Phonon spectra of ultrathin GaAs/AlAs superlattices: An ab initio calculation. Physical Review B, 1990, 41, 3870-3873.	3.2	116
206	Phonon dispersions in $\text{Ga}_x\text{Al}_{1-x}$ alloys. Physical Review Letters, 1990, 65, 84-87.	7.8	108
207	Electronic structure of InP/Ga <sub>0.47</sub> In <sub>0.53</sub> As interfaces. Physical Review B, 1990, 41, 12106-12110.	3.2	40
208	Theory of band offsets at semiconductor heterojunctions: An ab-initio linear response approach. Superlattices and Microstructures, 1989, 6, 31-37.	3.1	22
209	Theoretical study of cubic versus tetragonal structures of defect zinc-blende semiconductors: $\text{CdIn}_2\text{Se}_4$ . Physical Review B, 1989, 40, 1725-1731.	3.2	50
210	Piezoelectric properties of III-V semiconductors from first-principles linear-response theory. Physical Review Letters, 1989, 62, 2853-2856.	7.8	221
211	Band Offsets in Lattice-Matched Heterojunctions: A Model and First-Principles Calculations for GaAs/AlAs. Physical Review Letters, 1988, 61, 734-737.	7.8	507
212	Structural and electronic properties of spinel semiconductors: An ab initio pseudopotential study of $\text{MgIn}_2\text{S}_4$ . Physical Review B, 1988, 38, 8258-8263.	3.2	41
213	Pressure-induced structural instability of cesium halides from ab initio pseudopotential techniques. Physical Review B, 1987, 35, 765-769.	3.2	12
214	Elastic Constants of Crystals from Linear-Response Theory. Physical Review Letters, 1987, 59, 2662-2665.	7.8	87
215	Green's-function approach to linear response in solids. Physical Review Letters, 1987, 58, 1861-1864.	7.8	1,807
216	Ab initio calculation of the macroscopic dielectric constant in silicon. Physical Review B, 1986, 33, 7017-7021.	3.2	499

#	ARTICLE	IF	CITATIONS
217	Exact-exchange extension of the local-spin-density approximation in atoms. II. The iron series. Journal of Chemical Physics, 1984, 80, 5703-5708.	3.0	27
218	Hartree-Fock energy bands in molecular crystals: Solid hydrogen in the cubic phase. Physical Review B, 1984, 30, 7187-7193.	3.2	7
219	Exact-exchange extension of the local-spin-density approximation in atoms: Calculation of total energies and electron affinities. Journal of Chemical Physics, 1983, 79, 6140-6144.	3.0	63