Stefano Baroni

List of Publications by Year
in descending order

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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	QUANTUM ESPRESSO: a modular and open-source software project for quantum simulations of materials. Journal of Physics Condensed Matter, 2009, 21, 395502.	1.8	18,183
2	Phonons and related crystal properties from density-functional perturbation theory. Reviews of Modern Physics, 2001, 73, 515-562.	45.6	7,534
3	Greenâ€™s-function approach to linear response in solids. Physical Review Letters, 1987, 58, 1861-1864.	7.8	1,807
4	Ab initiocalculation of phonon dispersions in semiconductors. Physical Review B, 1991, 43, 7231-7242.	3.2	1,619
5	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
6	Ab initiocalculation of the macroscopic dielectric constant in silicon. Physical Review B, 1986, 33, 7017-7021.	3.2	499
7	Taming multiple valency with density functionals:â€ƒA case study of defective ceria. Physical Review B, 2005, 71, .	3.2	383
8	Electronic and Atomistic Structures of Clean and Reduced Ceria Surfaces. Journal of Physical Chemistry B, 2005, 109, 22860-22867.	2.6	358
9	Anharmonic Phonon Lifetimes in Semiconductors from Density-Functional Perturbation Theory. Physical Review Letters, 1995, 75, 1819-1822.	7.8	325
10	Turbo charging time-dependent density-functional theory with Lanczos chains. Journal of Chemical Physics, 2008, 128, 154105.	3.0	234
11	Ab initiocalculation of phonon dispersions in II-VI semiconductors. Physical Review B, 1993, 47, 3588-3592.	3.2	229
12	Piezoelectric properties of III-V semiconductors from first-principles linear-response theory. Physical Review Letters, 1989, 62, 2853-2856.	7.8	221
13	Efficient Approach to Time-Dependent Density-Functional Perturbation Theory for Optical Spectroscopy. Physical Review Letters, 2006, 96, 113001.	7.8	208
14	Reptation Quantum Monte Carlo: A Method for Unbiased Ground-State Averages and Imaginary-Time Correlations. Physical Review Letters, 1999, 82, 4745-4748.	7.8	197
15	Vibrational and dielectric properties of C60 from densityâ€functional perturbation theory. Journal of Chemical Physics, 1994, 100, 8537-8539.	3.0	184
16	Electronic Structure of Surface-supported Bis(phthalocyaninato) terbium(III) Single Molecular Magnets. Nano Letters, 2008, 8, 3364-3368.	9.1	183
17	First-principles codes for computational crystallography in the Quantum-ESPRESSO package. Zeitschrift Fur Kristallographie - Crystalline Materials, 2005, 220, .	0.8	177
18	Reply to â€œComment on â€˜Taming multiple valency with density functionals: A case study of defective ceria' â€• Physical Review B, 2005, 72, .	3.2	177

#	Article	IF	Citations
19	GW quasiparticle spectra from occupied states only. Physical Review B, 2010, 81, .	3.2	172
20	turboTDDFT â€“ A code for the simulation of molecular spectra using the Liouvilleâ€“Lanczos approach to time-dependent density-functional perturbation theory. Computer Physics Communications, 2011, 182, 1744-1754.	7.5	167
21	Structure and thermodynamics ofSixGe1âˆ’xalloys fromab initioMonte Carlo simulations. Physical Review Letters, 1991, 66, 2116-2119.	7.8	155
22	Metabolic syndrome and major depression. CNS Spectrums, 2014, 19, 293-304.	1.2	139
23	Templated Growth of Metal-Organic Coordination Chains at Surfaces. Angewandte Chemie - International Edition, 2005, 44, 6142-6145.	13.8	125
24	First-principles calculation of the thermal properties of silver. Physical Review B, 1999, 59, 965-969.	3.2	124
25	Modeling heat transport in crystals and glasses from a unified lattice-dynamical approach. Nature Communications, 2019, 10, 3853.	12.8	122
26	Magnons in real materials from density-functional theory. Physical Review B, 2000, 61, R6459-R6462.	3.2	118
27	Hydrogen and Coordination Bonding Supramolecular Structures of Trimesic Acid on Cu(110). Journal of Physical Chemistry A, 2007, 111, 12589-12603.	2.5	118
28	Phonon spectra of ultrathin GaAs/AlAs superlattices: Anab initiocalculation. Physical Review B, 1990, 41, 3870-3873.	3.2	116
29	Structure, Rotational Dynamics, and Superfluidity of Small OCS-Doped He Clusters. Physical Review Letters, 2003, 90, 143401.	7.8	111
30	Phonon dispersions inGaxAl1âˆ’xAs alloys. Physical Review Letters, 1990, 65, 84-87.	7.8	108
31	Î±â†”Î² phase transition in tin: A theoretical study based on density-functional perturbation theory. Physical Review B, 1998, 57, 10421-10423.	3.2	106
32	Tuning band offsets at semiconductor interfaces by intralayer deposition. Physical Review B, 1991, 43, 7347-7350.	3.2	103
33	Optimal representation of the polarization propagator for large-scale<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>G</mml:mi><mml:mi>W</mml:mi></mml:mrow></mml:math>calculations. Physical Review B, 2009, 79, .	3.2	103
34	Surface Precursors and Reaction Mechanisms for the Thermal Reduction of Graphene Basal Surfaces Oxidized by Atomic Oxygen. Journal of Physical Chemistry C, 2011, 115, 4730-4737.	3.1	101
35	A relationship between oxytocin and anxiety of romantic attachment. Clinical Practice and Epidemiology in Mental Health, 2006, 2, 28.	1.2	99
36	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

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37	Microscopic theory and quantum simulation of atomic heat transport. Nature Physics, 2016, 12, 80-84.	16.7	93
38	Effects of disorder on the Raman spectra of GaAs/AlAs superlattices. Physical Review B, 1992, 45, 4280-4288.	3.2	88
39	Elastic Constants of Crystals from Linear-Response Theory. Physical Review Letters, 1987, 59, 2662-2665.	7.8	87
40	Density-functional theory of the dielectric constant: Gradient-corrected calculation for silicon. Physical Review B, 1994, 49, 5323-5328.	3.2	87
41	Interaction of Hydrogen with Cerium Oxide Surfaces:â€‰a Quantum Mechanical Computational Study. Journal of Physical Chemistry B, 2006, 110, 19380-19385.	2.6	85
42	High-pressure thermal expansion, bulk modulus, and phonon structure of diamond. Physical Review B, 1999, 60, 9444-9449.	3.2	84
43	Time-dependent density functional theory study of squaraine dye-sensitized solar cells. Chemical Physics Letters, 2009, 475, 49-53.	2.6	82
44	Engineering the Reactivity of Metal Catalysts:Â A Model Study of Methane Dehydrogenation on Rh(111). Journal of the American Chemical Society, 2004, 126, 16732-16733.	13.7	80
45	Monitoring Two-Dimensional Coordination Reactions:Â Directed Assembly of Coâ^'Terephthalate Nanosystems on Au(111). Journal of Physical Chemistry B, 2006, 110, 5627-5632.	2.6	74
46	Oxygen Dissociation by Concerted Action of Di-Iron Centers in Metalâ€“Organic Coordination Networks at Surfaces: Modeling Non-Heme Iron Enzymes. Nano Letters, 2011, 11, 5414-5420.	9.1	66
47	Pharmacokinetics and pharmacodinamics of psychotropic drugs: effect of sex. CNS Spectrums, 2013, 18, 118-127.	1.2	64
48	Exactâ€exchange extension of the localâ€spinâ€density approximation in atoms: Calculation of total energies and electron affinities. Journal of Chemical Physics, 1983, 79, 6140-6144.	3.0	63
49	Structure and phase stability ofGaxIn1â^'xP solid solutions from computational alchemy. Physical Review Letters, 1994, 72, 4001-4004.	7.8	61
50	Methane Dehydrogenation on Rh@Cu(111):Â A First-Principles Study of a Model Catalyst. Journal of the American Chemical Society, 2006, 128, 12448-12454.	13.7	60
51	Temperature-dependent surface relaxations of Ag(111). Physical Review B, 1999, 59, 970-974.	3.2	58
52	Oxygen Self-Diffusion inÎ±-Quartz. Physical Review Letters, 2001, 86, 4564-4567.	7.8	57
53	Computational spectroscopy of helium-solvated molecules: Effective inertia, from small He clusters toward the nanodroplet regime. Journal of Chemical Physics, 2005, 123, 114306.	3.0	57
54	Cognitive, Psychological and Psychiatric Effects of Ionizing Radiation Exposure. Current Medicinal Chemistry, 2012, 19, 1864-1869.	2.4	57

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55	First principles thermoelasticity of MgSiO3-perovskite: Consequences for the inferred properties of the lower mantle. Geophysical Research Letters, 2001, 28, 2699-2702.	4.0	55
56	turboTDDFT 2.0â€"Hybrid functionals and new algorithms within time-dependent density-functional perturbation theory. Computer Physics Communications, 2014, 185, 2080-2089.	7.5	55
57	Platelet Serotonin Transporter in Patients With Diarrhea-Predominant Irritable Bowel Syndrome Both Before and After Treatment With Alosetron. American Journal of Gastroenterology, 2003, 98, 2705-2711.	0.4	53
58	Energy-level alignment in organic dye-sensitized TiO2 from GW calculations. Journal of Chemical Physics, 2013, 139, 014709.	3.0	53
59	Theory of the Anomalous Rayleigh Dispersion at H/W(110) Surfaces. Physical Review Letters, 1996, 77, 2491-2494.	7.8	51
60	Theoretical study of cubic versus tetragonal structures of defect zinc-blende semiconductors:CdIn2Se4. Physical Review B, 1989, 40, 1725-1731.	3.2	50
61	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
62	Accurate thermal conductivities from optimally short molecular dynamics simulations. Scientific Reports, 2017, 7, 15835.	3.3	49
63	Nonlinear piezoelectricity in CdTe. Physical Review B, 1993, 47, 16252-16256.	3.2	48
64	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
65	Adsorption of atomic oxygen on Ag(): a study based on density-functional theory. Surface Science, 2002, 501, 182-190.	1.9	47
66	Rotational dynamics of CO solvated in small He clusters: A quantum Monte Carlo study. Journal of Chemical Physics, 2004, 120, 9071-9076.	3.0	46
67	The Interaction of Ethylene with Perfect and Defective Ag(001) Surfaces. Journal of Physical Chemistry B, 2002, 106, 9839-9846.	2.6	45
68	Normal and obsessional jealousy: a study of a population of young adults. European Psychiatry, 2003, 18, 106-111.	0.2	44
69	Increased Density of the Platelet Serotonin Transporter in Autism. Pharmacopsychiatry, 2000, 33, 165-168.	3.3	43
70	Structural and electronic properties of spinel semiconductors: Anab initiopseudopotential study ofMgIn2S4. Physical Review B, 1988, 38, 8258-8263.	3.2	41
71	turboEELSâ€"A code for the simulation of the electron energy loss and inelastic X-ray scattering spectra using the Liouvilleâ€"Lanczos approach to time-dependent density-functional perturbation theory. Computer Physics Communications, 2015, 196, 460-469.	7.5	41
72	Neurobiological correlates of social anxiety disorder: an update. CNS Spectrums, 2015, 20, 100-111.	1.2	41

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73	Sex-Related Differences in Plasma Oxytocin Levels in Humans. Clinical Practice and Epidemiology in Mental Health, 2019, 15, 58-63.	1.2	41
74	Electronic structure of InP/Ga0.47In0.53As interfaces. Physical Review B, 1990, 41, 12106-12110.	3.2	40
75	Platelet [3H]paroxetine binding in patients with OCD-related disorders. Psychiatry Research, 1999, 89, 223-228.	3.3	40
76	Orderâ€“disorder phase boundary between ice VII and VIII obtained by first principles. Chemical Physics Letters, 2010, 499, 236-240.	2.6	40
77	Behavioral addictions: a novel challenge for psychopharmacology. CNS Spectrums, 2014, 19, 486-495.	1.2	40
78	Neuropsychological Testing in Interventional Cardiology Staff after Long-Term Exposure to Ionizing Radiation. Journal of the International Neuropsychological Society, 2015, 21, 670-676.	1.8	39
79	Ab initiocalculation of the band offset at strained GaAs/InAs (001) heterojunctions. Physical Review B, 1993, 48, 17607-17610.	3.2	37
80	Anomalous Pressure-Induced Transition(s) in Ice XI. Physical Review Letters, 2004, 92, 105502.	7.8	37
81	Energetically Driven Reorganization of a Modified Catalytic Surface under Reaction Conditions. Journal of the American Chemical Society, 2005, 127, 2351-2357.	13.7	37
82	Adsorption of chlorine on Ag(111): No subsurface Cl at low coverage. Physical Review B, 2008, 78, .	3.2	37
83	The reconstruction of nickel and rhodium (001) surfaces upon carbon, nitrogen or oxygen adsorptions. Surface Science, 1999, 437, 18-28.	1.9	36
84	Accurate and Inexpensive Prediction of the Color Optical Properties of Anthocyanins in Solution. Journal of Physical Chemistry A, 2015, 119, 3816-3822.	2.5	36
85	The surface chemistry of metal-oxygen interactions: a first-principles study of O:Rh(110). Surface Science, 1997, 370, 166-178.	1.9	35
86	Discovery of a natural cyan blue: A unique food-sourced anthocyanin could replace synthetic brilliant blue. Science Advances, 2021, 7, .	10.3	34
87	Auxiliary-field quantum Monte Carlo calculations for systems with long-range repulsive interactions. Physical Review Letters, 1993, 71, 1148-1151.	7.8	32
88	The phonon spectra of LiH and LiD from density-functional perturbation theory. Solid State Communications, 1996, 98, 203-207.	1.9	32
89	Presence and Characterization of the Serotonin Transporter in Human Resting Lymphocytes. Neuropsychopharmacology, 1998, 19, 154-159.	5.4	31
90	Defect-Controlled Transport Properties of Metallic Atoms along Carbon Nanotube Surfaces. Physical Review Letters, 2007, 99, 046803.	7.8	31

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91	Serotonin receptor of type 6 (5-HT6) in human prefrontal cortex and hippocampus post-mortem: An immunohistochemical and immunofluorescence study. Neurochemistry International, 2013, 62, 182-188.	3.8	31
92	Gauge Invariance of Thermal Transport Coefficients. Journal of Low Temperature Physics, 2016, 185, 79-86.	1.4	31
93	Computer Simulation of Quantum Melting in Hydrogen Clusters. ChemPhysChem, 2005, 6, 1884-1888.	2.1	30
94	A link between oxytocin and serotonin in humans: Supporting evidence from peripheral markers. European Neuropsychopharmacology, 2012, 22, 578-583.	0.7	29
95	Electron energy loss and inelastic x-ray scattering cross sections from time-dependent density-functional perturbation theory. Physical Review B, 2013, 88, .	3.2	29
96	Plasma Oxytocin Levels in Untreated Adult Obsessive-Compulsive Disorder Patients. Neuropsychobiology, 2015, 72, 74-80.	1.9	29
97	Fast hybrid density-functional computations using plane-wave basis sets. Electronic Structure, 2019, 1, 015009.	2.8	29
98	Heat transport in liquid water from first-principles and deep neural network simulations. Physical Review B, 2021, 104, .	3.2	29
99	Latest Advancements on Serotonin and Dopamine Transporters in Lymphocytes. Mini-Reviews in Medicinal Chemistry, 2010, 10, 32-40.	2.4	28
100	Exactâ€exchange extension of the localâ€spinâ€density approximation in atoms. II. The iron series. Journal of Chemical Physics, 1984, 80, 5703-5708.	3.0	27
101	Phonon softening and high-pressure low-symmetry phases of cesium iodide. Physical Review Letters, 1992, 69, 1069-1072.	7.8	27
102	Spin-Flop Ordering from Frustrated Ferro- and Antiferromagnetic Interactions: A Combined Theoretical and Experimental Study of aMn/Fe(100)Monolayer. Physical Review Letters, 2005, 95, 117201.	7.8	27
103	Non-Monoaminergic Targets for the Development of Antidepressants: Focus on Neuropeptides. Mini-Reviews in Medicinal Chemistry, 2013, 13, 2-10.	2.4	27
104	Computational Spectroscopy of Carbon Monoxide Isotopomers in Helium Clusters. Journal of Physical Chemistry A, 2007, 111, 7640-7645.	2.5	26
105	Decreased Density of the Platelet Serotonin Transporter in Pathological Gamblers. Neuropsychobiology, 2008, 57, 38-43.	1.9	26
106	Properties of Pt-supported Co nanomagnets from relativistic density functional theory calculations. Physical Review B, 2008, 78, .	3.2	26
107	Romantic Attachment and Subtypes/Dimensions of Jealousy. Clinical Practice and Epidemiology in Mental Health, 2010, 6, 53-58.	1.2	26
108	Itinerant ferromagnetic phase of the Hubbard model. Physical Review B, 2011, 83, .	3.2	26

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109	Distribution of Serotonin Receptor of Type 6 (5-HT6) in Human Brain Post-mortem. A Pharmacology, Autoradiography and Immunohistochemistry Study. Neurochemical Research, 2012, 37, 920-927.	3.3	26
110	Atomic intermixing in short period GaAs/AlAs superlattices. Surface Science, 1992, 267, 171-175.	1.9	25
111	The neurobiology of moral sense: facts or hypotheses?. Annals of General Psychiatry, 2013, 12, 6.	2.7	25
112	Topological quantization and gauge invariance of charge transport in liquid insulators. Nature Physics, 2019, 15, 967-972.	16.7	25
113	Glutamate system as target for development of novel antidepressants. CNS Spectrums, 2013, 18, 188-198.	1.2	24
114	High-pressure low-symmetry phases of cesium halides. Physical Review B, 1995, 51, 8060-8068.	3.2	23
115	Viscosity in water from first-principles and deep-neural-network simulations. Npj Computational Materials, 2022, 8, .	8.7	23
116	Theory of band offsets at semiconductor heterojunctions: An ab-initio linear response approach. Superlattices and Microstructures, 1989, 6, 31-37.	3.1	22
117	Bulk and interfacial strain in Si/Ge heterostructures. Physical Review B, 1994, 49, 7490-7498.	3.2	22
118	Distribution of [3H]GR65630 binding in human brain postmortem. Neurochemical Research, 2001, 26, 187-190.	3.3	22
119	Serotonin Receptors of Type 6 (5-HT6): What can we Expect from them?. Current Medicinal Chemistry, 2011, 18, 2783-2790.	2.4	22
120	Prefrontal cortex, dopamine, and jealousy endophenotype. CNS Spectrums, 2013, 18, 6-14.	1.2	22
121	Impulsivity, gender, and the platelet serotonin transporter in healthy subjects. Neuropsychiatric Disease and Treatment, 2010, 6, 9-15.	2.2	22
122	Vibrational broadening of x-ray emission spectra: A first-principles study on diamond. Physical Review B, 1997, 55, 9649-9658.	3.2	21
123	Activated Adsorption of Ethylene on Atomic-Oxygen-Covered Ag(100) and Ag(210):â€‰ Formation of an Oxametallacycle. Journal of Physical Chemistry C, 2008, 112, 1019-1027.	3.1	21
124	Thermodynamic properties and lattice dynamics of silver at high pressure: A first-principles study. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1999, 79, 911-919.	0.6	20
125	Decreased platelet [3H]paroxetine binding sites in suicide attempters. Psychiatry Research, 2001, 103, 125-131.	3.3	20
126	DFT Study of a Weakly Ï€-Bonded C2H4on Oxygen-Covered Ag(100). Journal of Physical Chemistry B, 2006, 110, 367-376.	2.6	20

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127	Serotonin Receptors of Type 6 (5-HT6): From Neuroscience to Clinical Pharmacology. Current Medicinal Chemistry, 2013, 20, 371-377.	2.4	20
128	Unraveling the molecular mechanisms of color expression in anthocyanins. Physical Chemistry Chemical Physics, 2019, 21, 8757-8766.	2.8	20
129	Heat and charge transport in H2O at ice-giant conditions from ab initio molecular dynamics simulations. Nature Communications, 2020, 11, 3605.	12.8	20
130	Effects of isotopic disorder on the Raman spectra of crystals: Theory andab initiocalculations for diamond and germanium. Physical Review B, 2000, 61, 9387-9392.	3.2	19
131	Jealousy and Subthreshold Psychopathology: A Serotonergic Link. Neuropsychobiology, 2003, 47, 12-16.	1.9	19
132	Molecular design of photoactive acenes for organic photovoltaics. Journal of Chemical Physics, 2009, 130, 194701.	3.0	19
133	Invariance principles in the theory and computation of transport coefficients. European Physical Journal B, 2021, 94, 160.	1.5	19
134	Computational spectroscopy of doped He clusters. Computer Physics Communications, 2005, 169, 404-407.	7.5	18
135	Alterations of the dopamine transporter in resting lymphocytes of patients with different psychotic disorders. Psychiatry Research, 2010, 175, 54-57.	3.3	18
136	Food Addiction Spectrum: A Theoretical Model from Normality to Eating and Overeating Disorders. Current Medicinal Chemistry, 2015, 22, 1631-1638.	2.4	18
137	Oxygen vibrations in Oâ€“Ag(001). Surface Science, 2003, 530, 26-36.	1.9	17
138	Normalisation of immune cell imbalance after pharmacological treatments of patients suffering from obsessive-compulsive disorder. Journal of Psychopharmacology, 2009, 23, 567-573.	4.0	17
139	The expression of platelet serotonin transporter (SERT) in human obesity. BMC Neuroscience, 2013, 14, 128.	1.9	17
140	Self-consistent continuum solvation for optical absorption of complex molecular systems in solution. Journal of Chemical Physics, 2015, 142, 034111.	3.0	17
141	Spin dynamics from time-dependent density functional perturbation theory. European Physical Journal B, 2018, 91, 1.	1.5	17
142	Pathological gambling and impulsivity: an Italian study. Rivista Di Psichiatria, 2014, 49, 95-9.	0.6	17
143	Dynamical-charge neutrality at a crystal surface. Physical Review B, 1998, 57, 5742-5745.	3.2	16
144	Adsorption of ethylene on stepped Ag() surfaces. Surface Science, 2004, 566-568, 1018-1023.	1.9	16

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145	SixC1â^'xO2 alloys: A possible route to stabilize carbon-based silica-like solids?. Solid State Communications, 2007, 144, 273-276.	1.9	16
146	Common Alterations in the Serotonin Transporter in Platelets and Lymphocytes of Psychotic Patients. Pharmacopsychiatry, 2006, 39, 35-38.	3.3	15
147	Thermal balneotherapy induces changes of the platelet serotonin transporter in healthy subjects. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2007, 31, 1436-1439.	4.8	15
148	Harnessing molecular excited states with Lanczos chains. Journal of Physics Condensed Matter, 2010, 22, 074204.	1.8	15
149	Sampling Molecular Conformers in Solution with Quantum Mechanical Accuracy at a Nearly Molecular-Mechanics Cost. Journal of Chemical Theory and Computation, 2016, 12, 4385-4389.	5.3	15
150	Effects of disorder on the optical gap of (Zn,Mg)(S,Se). Applied Physics Letters, 1999, 75, 2746-2748.	3.3	14
151	Co-adsorption of ethylene and oxygen on the Ag(001) surface. Surface Science, 2003, 532-535, 191-197.	1.9	14
152	Characterization of Si-doped GaAs cross-sectional surfaces viaab initiosimulations. Physical Review B, 2005, 72, .	3.2	14
153	Decreased Plasma Oxytocin Levels in Patients With PTSD. Frontiers in Psychology, 2021, 12, 612338.	2.1	14
154	The Role of Platelet/Lymphocyte Serotonin Transporter in Depression and Beyond. Current Drug Targets, 2013, 14, 522-530.	2.1	14
155	InAs/GaSb(001) valenceâ€band offset: Independence of interface composition and strain. Applied Physics Letters, 1996, 69, 3218-3220.	3.3	13
156	Binding of 3H-WIN-35,428 and 125I-RTI-121 to Human Platelet Membranes. Neurochemical Research, 2006, 31, 361-365.	3.3	13
157	Reptation quantum Monte Carlo algorithm for lattice Hamiltonians with a directed-update scheme. Physical Review E, 2010, 82, 046710.	2.1	13
158	Multimodel Approach to the Optical Properties of Molecular Dyes in Solution. Journal of Chemical Theory and Computation, 2016, 12, 4423-4429.	5.3	13
159	Decreased lymphocyte dopamine transporter in romantic lovers. CNS Spectrums, 2017, 22, 290-294.	1.2	13
160	Current Trends on Antipsychotics: Focus on Asenapine. Current Medicinal Chemistry, 2016, 23, 2204-2216.	2.4	13
161	Pressure-induced structural instability of cesium halides fromab initiopseudopotential techniques. Physical Review B, 1987, 35, 765-769.	3.2	12
162	On-surface and sub-surface oxygen adsorption on Ag(210): Vibrational properties. Surface Science, 2005, 587, 50-54.	1.9	12

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163	Presence and Characterization of the Dopamine Transporter in Human Resting Lymphocytes. Neurochemical Research, 2008, 33, 1011-1016.	3.3	12
164	The Relationship Between Epilepsy and Depression: An Update. Current Medicinal Chemistry, 2013, 20, 2861-2867.	2.4	12
165	Thermal and Tidal Evolution of Uranus with a Growing Frozen Core. Planetary Science Journal, 2021, 2, 222.	3.6	12
166	Decreased inhibitory activity of PKC in OCD patients after six months of treatment. Psychoneuroendocrinology, 2002, 27, 769-776.	2.7	11
167	Effect of Valproate and Antidepressant Drugs on Clozapine Metabolism in Patients With Psychotic Mood Disorders. Therapeutic Drug Monitoring, 2018, 40, 443-451.	2.0	11
168	The inflammatory hypothesis of mood spectrum broadened to fibromyalgia and chronic fatigue syndrome. Clinical and Experimental Rheumatology, 2015, 33, S109-16.	0.8	11
169	[3H]-YM-09151-2 binding sites in human brain postmortem. Neurochemistry International, 2009, 55, 643-647.	3.8	10
170	Novel Treatment Options of Binge Eating Disorder. Current Medicinal Chemistry, 2011, 18, 5159-5164.	2.4	10
171	Dimorphic changes of some features of loving relationships during long-term use of antidepressants in depressed outpatients. Journal of Affective Disorders, 2014, 166, 151-155.	4.1	10
172	Ab initiostudy of electron energy loss spectra of bulk bismuth up to 100 eV. Physical Review B, 2017, 95, .	3.2	10
173	State-of-the-Art: Inflammatory and Metabolic Markers in Mood Disorders. Life, 2020, 10, 82.	2.4	10
174	Problematic Internet use in drugs addicts under treatment in public rehab centers. World Journal of Psychiatry, 2019, 9, 55-64.	2.7	10
175	Correlation between Platelet Î±₂-Adrenoreceptors and Symptom Severity in Major Depression. Neuropsychobiology, 2001, 44, 122-125.	1.9	9
176	Ab initiosimulation of photoemission spectroscopy in solids: Plane-wave pseudopotential approach with applications to normal-emission spectra of Cu(001) and Cu(111). Physical Review B, 2008, 77, .	3.2	9
177	Absolute Transition Rates for Rare Events from Dynamical Decoupling of Reaction Variables. Physical Review Letters, 2012, 109, 150601.	7.8	9
178	Oxidation States, Thoulessâ€™ Pumps, and Nontrivial Ionic Transport in Nonstoichiometric Electrolytes. Physical Review X, 2020, 10, .	8.9	9
179	The structure and phase stability of CO adsorbates on Rh(110). Surface Science, 1997, 382, L666-L671.	1.9	8
180	Effects of isotopic disorder on the Raman spectra of crystals: theory and ab initio calculations for diamond and germanium. Computational Materials Science, 2000, 17, 395-399.	3.0	8

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