

Stefano Baroni

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1287385/stefano-baroni-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

216
papers

30,898
citations

50
h-index

175
g-index

220
ext. papers

35,270
ext. citations

4.5
avg. IF

6.58
L-index

#	Paper	IF	Citations
216	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	13251
215	Phonons and related crystal properties from density-functional perturbation theory. <i>Reviews of Modern Physics</i> , 2001 , 73, 515-562	40.5	5812
214	Green's-function approach to linear response in solids. <i>Physical Review Letters</i> , 1987 , 58, 1861-1864	7.4	1546
213	Ab initio calculation of phonon dispersions in semiconductors. <i>Physical Review B</i> , 1991 , 43, 7231-7242	3.3	1348
212	Band offsets in lattice-matched heterojunctions: A model and first-principles calculations for GaAs/AlAs. <i>Physical Review Letters</i> , 1988 , 61, 734-737	7.4	465
211	Ab initio calculation of the macroscopic dielectric constant in silicon. <i>Physical Review B</i> , 1986 , 33, 7017-7021	3.3	406
210	Taming multiple valency with density functionals: A case study of defective ceria. <i>Physical Review B</i> , 2005 , 71,	3.3	347
209	Electronic and atomistic structures of clean and reduced ceria surfaces. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 22860-7	3.4	314
208	Anharmonic Phonon Lifetimes in Semiconductors from Density-Functional Perturbation Theory. <i>Physical Review Letters</i> , 1995 , 75, 1819-1822	7.4	270
207	Turbo charging time-dependent density-functional theory with Lanczos chains. <i>Journal of Chemical Physics</i> , 2008 , 128, 154105	3.9	207
206	Ab initio calculation of phonon dispersions in II-VI semiconductors. <i>Physical Review B</i> , 1993 , 47, 3588-3592	3.3	196
205	Reptation Quantum Monte Carlo: A Method for Unbiased Ground-State Averages and Imaginary-Time Correlations. <i>Physical Review Letters</i> , 1999 , 82, 4745-4748	7.4	184
204	Efficient approach to time-dependent density-functional perturbation theory for optical spectroscopy. <i>Physical Review Letters</i> , 2006 , 96, 113001	7.4	166
203	Electronic structure of surface-supported bis(phthalocyaninato) terbium(III) single molecular magnets. <i>Nano Letters</i> , 2008 , 8, 3364-8	11.5	165
202	Reply to 'Comment on Taming multiple valency with density functionals: A case study of defective ceria' <i>Physical Review B</i> , 2005 , 72,	3.3	161
201	Piezoelectric properties of III-V semiconductors from first-principles linear-response theory. <i>Physical Review Letters</i> , 1989 , 62, 2853-2856	7.4	161
200	GW quasiparticle spectra from occupied states only. <i>Physical Review B</i> , 2010 , 81,	3.3	155

199	Vibrational and dielectric properties of C60 from density-functional perturbation theory. <i>Journal of Chemical Physics</i> , 1994 , 100, 8537-8539	3.9	150
198	Structure and thermodynamics of SixGe _{1-x} alloys from ab initio Monte Carlo simulations. <i>Physical Review Letters</i> , 1991 , 66, 2116-2119	7.4	144
197	turboTDDFT Γ 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	4.2	133
196	First-principles codes for computational crystallography in the Quantum-ESPRESSO package. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2005 , 220,	1	122
195	Templated growth of metal-organic coordination chains at surfaces. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 6142-5	16.4	118
194	Phonon spectra of ultrathin GaAs/AlAs superlattices: An ab initio calculation. <i>Physical Review B</i> , 1990 , 41, 3870-3873	3.3	110
193	First-principles calculation of the thermal properties of silver. <i>Physical Review B</i> , 1999 , 59, 965-969	3.3	109
192	Hydrogen and coordination bonding supramolecular structures of trimesic acid on Cu(110). <i>Journal of Physical Chemistry A</i> , 2007 , 111, 12589-603	2.8	107
191	Structure, rotational dynamics, and superfluidity of small OCS-doped He clusters. <i>Physical Review Letters</i> , 2003 , 90, 143401	7.4	104
190	Phonon dispersions in Ga _x Al _{1-x} As alloys. <i>Physical Review Letters</i> , 1990 , 65, 84-87	7.4	104
189	Metabolic syndrome and major depression. <i>CNS Spectrums</i> , 2014 , 19, 293-304	1.8	98
188	Tuning band offsets at semiconductor interfaces by intralayer deposition. <i>Physical Review B</i> , 1991 , 43, 7347-7350	3.3	98
187	Optimal representation of the polarization propagator for large-scale GW calculations. <i>Physical Review B</i> , 2009 , 79,	3.3	95
186	Effects of disorder on the Raman spectra of GaAs/AlAs superlattices. <i>Physical Review B</i> , 1992 , 45, 4280-4288	3.3	87
185	β - β phase transition in tin: A theoretical study based on density-functional perturbation theory. <i>Physical Review B</i> , 1998 , 57, 10421-10423	3.3	86
184	Magnons in real materials from density-functional theory. <i>Physical Review B</i> , 2000 , 61, R6459-R6462	3.3	85
183	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	3.8	82
182	Density-functional theory of the dielectric constant: Gradient-corrected calculation for silicon. <i>Physical Review B</i> , 1994 , 49, 5323-5328	3.3	81

181	Dependence of the crystal lattice constant on isotopic composition: Theory and ab initio calculations for C, Si, and Ge. <i>Solid State Communications</i> , 1994 , 90, 295-297	1.6	81
180	Time-dependent density functional theory study of squaraine dye-sensitized solar cells. <i>Chemical Physics Letters</i> , 2009 , 475, 49-53	2.5	79
179	A relationship between oxytocin and anxiety of romantic attachment. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2006 , 2, 28	3.2	79
178	Interaction of hydrogen with cerium oxide surfaces: a quantum mechanical computational study. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 19380-5	3.4	77
177	Elastic constants of crystals from linear-response theory. <i>Physical Review Letters</i> , 1987 , 59, 2662-2665	7.4	73
176	Monitoring two-dimensional coordination reactions: directed assembly of co-terephthalate nanosystems on Au(111). <i>Journal of Physical Chemistry B</i> , 2006 , 110, 5627-32	3.4	72
175	High-pressure thermal expansion, bulk modulus, and phonon structure of diamond. <i>Physical Review B</i> , 1999 , 60, 9444-9449	3.3	70
174	Microscopic theory and quantum simulation of atomic heat transport. <i>Nature Physics</i> , 2016 , 12, 80-84	16.2	63
173	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, 16732-3	16.4	63
172	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, 5414-20	11.5	60
171	Exact-exchange extension of the local-spin-density approximation in atoms: Calculation of total energies and electron affinities. <i>Journal of Chemical Physics</i> , 1983 , 79, 6140-6144	3.9	60
170	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	3.9	57
169	Oxygen self-diffusion in alpha-quartz. <i>Physical Review Letters</i> , 2001 , 86, 4564-7	7.4	56
168	Structure and phase stability of $GaxIn_{1-x}P$ solid solutions from computational alchemy. <i>Physical Review Letters</i> , 1994 , 72, 4001-4004	7.4	56
167	Temperature-dependent surface relaxations of Ag(111). <i>Physical Review B</i> , 1999 , 59, 970-974	3.3	53
166	Theory of the Anomalous Rayleigh Dispersion at H/W(110) Surfaces. <i>Physical Review Letters</i> , 1996 , 77, 2491-2494	7.4	50
165	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, 2705-11	11.7	49
164	First principles thermoelasticity of MgSiO ₃ -perovskite: Consequences for the inferred properties of the lower mantle. <i>Geophysical Research Letters</i> , 2001 , 28, 2699-2702	4.9	49

163	Pharmacokinetics and pharmacodynamics of psychotropic drugs: effect of sex. <i>CNS Spectrums</i> , 2013 , 18, 118-27	1.8	48
162	Methane dehydrogenation on Rh@Cu(111): a first-principles study of a model catalyst. <i>Journal of the American Chemical Society</i> , 2006 , 128, 12448-54	16.4	48
161	Rotational dynamics of CO solvated in small He clusters: a quantum Monte Carlo study. <i>Journal of Chemical Physics</i> , 2004 , 120, 9071-6	3.9	45
160	Energy-level alignment in organic dye-sensitized TiO ₂ from GW calculations. <i>Journal of Chemical Physics</i> , 2013 , 139, 014709	3.9	43
159	turboTDDFT 2.0 Hybrid functionals and new algorithms within time-dependent density-functional perturbation theory. <i>Computer Physics Communications</i> , 2014 , 185, 2080-2089	4.2	43
158	The Interaction of Ethylene with Perfect and Defective Ag(001) Surfaces. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 9839-9846	3.4	43
157	Adsorption of atomic oxygen on Ag(): a study based on density-functional theory. <i>Surface Science</i> , 2002 , 501, 182-190	1.8	42
156	Cognitive, psychological and psychiatric effects of ionizing radiation exposure. <i>Current Medicinal Chemistry</i> , 2012 , 19, 1864-9	4.3	41
155	Nonlinear piezoelectricity in CdTe. <i>Physical Review B</i> , 1993 , 47, 16252-16256	3.3	41
154	Third-order density-functional perturbation theory: A practical implementation with applications to anharmonic couplings in Si. <i>Solid State Communications</i> , 1994 , 91, 813-816	1.6	41
153	Modeling heat transport in crystals and glasses from a unified lattice-dynamical approach. <i>Nature Communications</i> , 2019 , 10, 3853	17.4	39
152	Increased density of the platelet serotonin transporter in autism. <i>Pharmacopsychiatry</i> , 2000 , 33, 165-8	2	38
151	Effects of disorder on the vibrational properties of SiGe alloys: Failure of mean-field approximations. <i>Physical Review Letters</i> , 1992 , 69, 1959-1962	7.4	38
150	Electronic structure of InP/Ga _{0.47} In _{0.53} As interfaces. <i>Physical Review B</i> , 1990 , 41, 12106-12110	3.3	38
149	The reconstruction of nickel and rhodium (001) surfaces upon carbon, nitrogen or oxygen adsorptions. <i>Surface Science</i> , 1999 , 437, 18-28	1.8	36
148	Anomalous pressure-induced transition(s) in ice XI. <i>Physical Review Letters</i> , 2004 , 92, 105502	7.4	35
147	Ab initio calculation of the band offset at strained GaAs/InAs (001) heterojunctions. <i>Physical Review B</i> , 1993 , 48, 17607-17610	3.3	35
146	The surface chemistry of metal-oxygen interactions: a first-principles study of O:Rh(110). <i>Surface Science</i> , 1997 , 370, 166-178	1.8	33

145	Adsorption of chlorine on Ag(111): No subsurface Cl at low coverage. <i>Physical Review B</i> , 2008 , 78,	3.3	33
144	Normal and obsessional jealousy: a study of a population of young adults. <i>European Psychiatry</i> , 2003 , 18, 106-11	6	32
143	Neuropsychological Testing in Interventional Cardiology Staff after Long-Term Exposure to Ionizing Radiation. <i>Journal of the International Neuropsychological Society</i> , 2015 , 21, 670-6	3.1	31
142	Platelet [³ H]paroxetine binding in patients with OCD-related disorders. <i>Psychiatry Research</i> , 1999 , 89, 223-8	9.9	31
141	Order-disorder phase boundary between ice VII and VIII obtained by first principles. <i>Chemical Physics Letters</i> , 2010 , 499, 236-240	2.5	30
140	Computer simulation of quantum melting in hydrogen clusters. <i>ChemPhysChem</i> , 2005 , 6, 1884-8	3.2	30
139	The phonon spectra of LiH and LiD from density-functional perturbation theory. <i>Solid State Communications</i> , 1996 , 98, 203-207	1.6	30
138	Neurobiological correlates of social anxiety disorder: an update. <i>CNS Spectrums</i> , 2015 , 20, 100-11	1.8	29
137	Accurate and inexpensive prediction of the color optical properties of anthocyanins in solution. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 3816-22	2.8	28
136	Accurate thermal conductivities from optimally short molecular dynamics simulations. <i>Scientific Reports</i> , 2017 , 7, 15835	4.9	28
135	Auxiliary-field quantum Monte Carlo calculations for systems with long-range repulsive interactions. <i>Physical Review Letters</i> , 1993 , 71, 1148-1151	7.4	28
134	Serotonin receptor of type 6 (5-HT ₆) in human prefrontal cortex and hippocampus post-mortem: an immunohistochemical and immunofluorescence study. <i>Neurochemistry International</i> , 2013 , 62, 182-8	4.4	27
133	Energetically driven reorganization of a modified catalytic surface under reaction conditions. <i>Journal of the American Chemical Society</i> , 2005 , 127, 2351-7	16.4	27
132	Phonon softening and high-pressure low-symmetry phases of cesium iodide. <i>Physical Review Letters</i> , 1992 , 69, 1069-1072	7.4	27
131	Computational spectroscopy of carbon monoxide isotopomers in helium clusters. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 7640-5	2.8	26
130	Defect-controlled transport properties of metallic atoms along carbon nanotube surfaces. <i>Physical Review Letters</i> , 2007 , 99, 046803	7.4	26
129	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	7.4	26
128	Structural and electronic properties of spinel semiconductors: An ab initio pseudopotential study of MgIn ₂ S ₄ . <i>Physical Review B</i> , 1988 , 38, 8258-8263	3.3	26

127	Exact-exchange extension of the local-spin-density approximation in atoms. II. The iron series. <i>Journal of Chemical Physics</i> , 1984 , 80, 5703-5708	3.9	26
126	Properties of Pt-supported Co nanomagnets from relativistic density functional theory calculations. <i>Physical Review B</i> , 2008 , 78,	3.3	25
125	Behavioral addictions: a novel challenge for psychopharmacology. <i>CNS Spectrums</i> , 2014 , 19, 486-95	1.8	24
124	Non-Monoaminergic Targets for the Development of Antidepressants: Focus on Neuropeptides. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013 , 13, 2-10	3.2	24
123	Latest advancements on serotonin and dopamine transporters in lymphocytes. <i>Mini-Reviews in Medicinal Chemistry</i> , 2010 , 10, 32-40	3.2	24
122	Decreased density of the platelet serotonin transporter in pathological gamblers. <i>Neuropsychobiology</i> , 2008 , 57, 38-43	4	24
121	Atomic intermixing in short period GaAs/AlAs superlattices. <i>Surface Science</i> , 1992 , 267, 171-175	1.8	24
120	Sex-Related Differences in Plasma Oxytocin Levels in Humans. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2019 , 15, 58-63	3.2	24
119	Plasma Oxytocin Levels in Untreated Adult Obsessive-Compulsive Disorder Patients. <i>Neuropsychobiology</i> , 2015 , 72, 74-80	4	23
118	turboEELS code for the simulation of the electron energy loss and inelastic X-ray scattering spectra using the Liouville-Panczos approach to time-dependent density-functional perturbation theory. <i>Computer Physics Communications</i> , 2015 , 196, 460-469	4.2	23
117	A link between oxytocin and serotonin in humans: supporting evidence from peripheral markers. <i>European Neuropsychopharmacology</i> , 2012 , 22, 578-83	1.2	23
116	Presence and characterization of the serotonin transporter in human resting lymphocytes. <i>Neuropsychopharmacology</i> , 1998 , 19, 154-9	8.7	23
115	Theoretical study of cubic versus tetragonal structures of defect zinc-blende semiconductors: CdIn ₂ Se ₄ . <i>Physical Review B</i> , 1989 , 40, 1725-1731	3.3	23
114	Distribution of serotonin receptor of type 6 (5-HT ₆) in human brain post-mortem. A pharmacology, autoradiography and immunohistochemistry study. <i>Neurochemical Research</i> , 2012 , 37, 920-7	4.6	22
113	High-pressure low-symmetry phases of cesium halides. <i>Physical Review B</i> , 1995 , 51, 8060-8068	3.3	22
112	Bulk and interfacial strain in Si/Ge heterostructures. <i>Physical Review B</i> , 1994 , 49, 7490-7498	3.3	22
111	The neurobiology of moral sense: facts or hypotheses?. <i>Annals of General Psychiatry</i> , 2013 , 12, 6	3.4	21
110	Glutamate system as target for development of novel antidepressants. <i>CNS Spectrums</i> , 2013 , 18, 188-98	1.8	21

109	Itinerant ferromagnetic phase of the Hubbard model. <i>Physical Review B</i> , 2011 , 83,	3.3	21
108	Theory of band offsets at semiconductor heterojunctions: An ab-initio linear response approach. <i>Superlattices and Microstructures</i> , 1989 , 6, 31-37	2.8	21
107	Serotonin receptors of type 6 (5-HT6): what can we expect from them?. <i>Current Medicinal Chemistry</i> , 2011 , 18, 2783-90	4.3	20
106	Impulsivity, gender, and the platelet serotonin transporter in healthy subjects. <i>Neuropsychiatric Disease and Treatment</i> , 2010 , 6, 9-15	3.1	20
105	Gauge Invariance of Thermal Transport Coefficients. <i>Journal of Low Temperature Physics</i> , 2016 , 185, 79-86	3	19
104	Electron energy loss and inelastic x-ray scattering cross sections from time-dependent density-functional perturbation theory. <i>Physical Review B</i> , 2013 , 88,	3.3	19
103	Vibrational broadening of x-ray emission spectra: A first-principles study on diamond. <i>Physical Review B</i> , 1997 , 55, 9649-9658	3.3	19
102	Molecular design of photoactive acenes for organic photovoltaics. <i>Journal of Chemical Physics</i> , 2009 , 130, 194701	3.9	18
101	DFT study of a weakly pi-bonded C ₂ H ₄ on oxygen-covered Ag(100). <i>Journal of Physical Chemistry B</i> , 2006 , 110, 367-76	3.4	18
100	Computational spectroscopy of doped He clusters. <i>Computer Physics Communications</i> , 2005 , 169, 404-407	4.2	18
99	Distribution of [3H]GR65630 binding in human brain postmortem. <i>Neurochemical Research</i> , 2001 , 26, 187-90	4.6	18
98	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	3.3	18
97	Romantic attachment and subtypes/dimensions of jealousy. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2010 , 6, 53-8	3.2	17
96	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	3.8	17
95	Fast hybrid density-functional computations using plane-wave basis sets. <i>Electronic Structure</i> , 2019 , 1, 015009	2.6	16
94	Serotonin Receptors of Type 6 (5-HT6): From Neuroscience to Clinical Pharmacology. <i>Current Medicinal Chemistry</i> , 2013 , 20, 371-377	4.3	16
93	Prefrontal cortex, dopamine, and jealousy endophenotype. <i>CNS Spectrums</i> , 2013 , 18, 6-14	1.8	16
92	Normalisation of immune cell imbalance after pharmacological treatments of patients suffering from obsessive-compulsive disorder. <i>Journal of Psychopharmacology</i> , 2009 , 23, 567-73	4.6	16

91	Dynamical-charge neutrality at a crystal surface. <i>Physical Review B</i> , 1998 , 57, 5742-5745	3.3	16
90	Alterations of the dopamine transporter in resting lymphocytes of patients with different psychotic disorders. <i>Psychiatry Research</i> , 2010 , 175, 54-7	9.9	15
89	Common alterations in the serotonin transporter in platelets and lymphocytes of psychotic patients. <i>Pharmacopsychiatry</i> , 2006 , 39, 35-8	2	15
88	Adsorption of ethylene on stepped Ag() surfaces. <i>Surface Science</i> , 2004 , 566-568, 1018-1023	1.8	15
87	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		15
86	Food addiction spectrum: a theoretical model from normality to eating and overeating disorders. <i>Current Medicinal Chemistry</i> , 2015 , 22, 1631-8	4.3	15
85	Self-consistent continuum solvation for optical absorption of complex molecular systems in solution. <i>Journal of Chemical Physics</i> , 2015 , 142, 034111	3.9	14
84	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, 4385-9	6.4	14
83	Topological quantization and gauge invariance of charge transport in liquid insulators. <i>Nature Physics</i> , 2019 , 15, 967-972	16.2	14
82	Harnessing molecular excited states with Lanczos chains. <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 074204	1.8	14
81	SixC1O2 alloys: A possible route to stabilize carbon-based silica-like solids?. <i>Solid State Communications</i> , 2007 , 144, 273-276	1.6	14
80	Co-adsorption of ethylene and oxygen on the Ag(001) surface. <i>Surface Science</i> , 2003 , 532-535, 191-197	1.8	14
79	Jealousy and subthreshold psychopathology: a serotonergic link. <i>Neuropsychobiology</i> , 2003 , 47, 12-6	4	14
78	Binding of 3H-WIN-35,428 and 125I-RTI-121 to human platelet membranes. <i>Neurochemical Research</i> , 2006 , 31, 361-5	4.6	13
77	Oxygen vibrations in OAg(0 0 1). <i>Surface Science</i> , 2003 , 530, 26-36	1.8	13
76	Characterization of Si-doped GaAs cross-sectional surfaces via ab initio simulations. <i>Physical Review B</i> , 2005 , 72,	3.3	13
75	Decreased platelet [3H]paroxetine binding sites in suicide attempters. <i>Psychiatry Research</i> , 2001 , 103, 125-31	9.9	13
74	Effects of disorder on the optical gap of (Zn,Mg)(S,Se). <i>Applied Physics Letters</i> , 1999 , 75, 2746-2748	3.4	13

73	Pathological gambling and impulsivity: an Italian study. <i>Rivista Di Psichiatria</i> , 2014 , 49, 95-9	3.1	13
72	The expression of platelet serotonin transporter (SERT) in human obesity. <i>BMC Neuroscience</i> , 2013 , 14, 128	3.2	12
71	Presence and characterization of the dopamine transporter in human resting lymphocytes. <i>Neurochemical Research</i> , 2008 , 33, 1011-6	4.6	12
70	InAs/GaSb(001) valence-band offset: Independence of interface composition and strain. <i>Applied Physics Letters</i> , 1996 , 69, 3218-3220	3.4	12
69	Pressure-induced structural instability of cesium halides from ab initio pseudopotential techniques. <i>Physical Review B</i> , 1987 , 35, 765-769	3.3	12
68	Current Trends on Antipsychotics: Focus on Asenapine. <i>Current Medicinal Chemistry</i> , 2016 , 23, 2204-16	4.3	12
67	The role of platelet/lymphocyte serotonin transporter in depression and beyond. <i>Current Drug Targets</i> , 2013 , 14, 522-30	3	12
66	Reptation quantum Monte Carlo algorithm for lattice Hamiltonians with a directed-update scheme. <i>Physical Review E</i> , 2010 , 82, 046710	2.4	11
65	The inflammatory hypothesis of mood spectrum broadened to fibromyalgia and chronic fatigue syndrome. <i>Clinical and Experimental Rheumatology</i> , 2015 , 33, S109-16	2.2	11
64	Unraveling the molecular mechanisms of color expression in anthocyanins. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 8757-8766	3.6	10
63	Multimodel Approach to the Optical Properties of Molecular Dyes in Solution. <i>Journal of Chemical Theory and Computation</i> , 2016 , 12, 4423-9	6.4	10
62	[(3)H]-YM-09151-2 binding sites in human brain postmortem. <i>Neurochemistry International</i> , 2009 , 55, 643-7	4.4	10
61	Thermal balneotherapy induces changes of the platelet serotonin transporter in healthy subjects. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007 , 31, 1436-9	5.5	10
60	Decreased inhibitory activity of PKC in OCD patients after six months of treatment. <i>Psychoneuroendocrinology</i> , 2002 , 27, 769-76	5	10
59	On-surface and sub-surface oxygen adsorption on Ag(210): Vibrational properties. <i>Surface Science</i> , 2005 , 587, 50-54	1.8	10
58	The relationship between epilepsy and depression: an update. <i>Current Medicinal Chemistry</i> , 2013 , 20, 2861-7	4.3	10
57	Novel treatment options of binge eating disorder. <i>Current Medicinal Chemistry</i> , 2011 , 18, 5159-64	4.3	9
56	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,	3.3	9

55	Decreased lymphocyte dopamine transporter in romantic lovers. <i>CNS Spectrums</i> , 2017 , 22, 290-294	1.8	8
54	Male axillary extracts modify the affinity of the platelet serotonin transporter and impulsiveness in women. <i>Physiology and Behavior</i> , 2010 , 100, 364-8	3.5	8
53	Zero-temperature dynamics of solid H4e from quantum Monte Carlo simulations. <i>Physical Review B</i> , 2009 , 80,	3.3	8
52	Absolute transition rates for rare events from dynamical decoupling of reaction variables. <i>Physical Review Letters</i> , 2012 , 109, 150601	7.4	8
51	The structure and phase stability of CO adsorbates on Rh(110). <i>Surface Science</i> , 1997 , 382, L666-L671	1.8	8
50	Heat and charge transport in HO at ice-giant conditions from ab initio molecular dynamics simulations. <i>Nature Communications</i> , 2020 , 11, 3605	17.4	8
49	Discovery of a natural cyan blue: A unique food-sourced anthocyanin could replace synthetic brilliant blue. <i>Science Advances</i> , 2021 , 7,	14.3	8
48	Effect of Valproate and Antidepressant Drugs on Clozapine Metabolism in Patients With Psychotic Mood Disorders. <i>Therapeutic Drug Monitoring</i> , 2018 , 40, 443-451	3.2	7
47	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, 151-5	6.6	7
46	Decreased density of peripheral benzodiazepine receptors in psychiatric patients after a suicide attempt. <i>Life Sciences</i> , 2005 , 77, 3268-75	6.8	7
45	Correlation between platelet alpha(2)-adrenoreceptors and symptom severity in major depression. <i>Neuropsychobiology</i> , 2001 , 44, 122-5	4	7
44	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	3.2	7
43	Hartree-Fock energy bands in molecular crystals: Solid hydrogen in the cubic phase. <i>Physical Review B</i> , 1984 , 30, 7187-7193	3.3	7
42	Problematic Internet use in drug addicts under treatment in public rehab centers. <i>World Journal of Psychiatry</i> , 2019 , 9, 55-64	3	7
41	Spin dynamics from time-dependent density functional perturbation theory. <i>European Physical Journal B</i> , 2018 , 91, 1	1.2	7
40	State-of-the-Art: Inflammatory and Metabolic Markers in Mood Disorders. <i>Life</i> , 2020 , 10,	3	6
39	Plasma clomipramine levels in adult patients with obsessive-compulsive disorder. <i>International Clinical Psychopharmacology</i> , 2012 , 27, 55-60	2.2	6
38	Approximate treatment of semicore states in GW calculations with application to Au clusters. <i>Journal of Chemical Physics</i> , 2014 , 140, 124101	3.9	5

37	Clozapine effects on adenylyl cyclase activity and serotonin type 1A receptors in human brain post-mortem. <i>Journal of Psychopharmacology</i> , 2014 , 28, 320-8	4.6	5
36	Plasma fluvoxamine levels and OCD symptoms/response in adult patients. <i>Human Psychopharmacology</i> , 2012 , 27, 397-402	2.3	5
35	Second messenger modulation: a novel target of future antidepressants?. <i>Current Medicinal Chemistry</i> , 2009 , 16, 4679-90	4.3	5
34	Gender effect on the relationship between stress hormones and panic-agoraphobic spectrum dimensions in healthy subjects. <i>CNS Spectrums</i> , 2012 , 17, 214-20	1.8	5
33	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,	3.3	5
32	Pharmacological characterization of the serotonin transporter in young and elderly subjects. <i>Neuropsychobiology</i> , 2001 , 44, 78-83	4	5
31	Thermal and Tidal Evolution of Uranus with a Growing Frozen Core. <i>Planetary Science Journal</i> , 2021 , 2, 222	2.9	5
30	Ab initio study of electron energy loss spectra of bulk bismuth up to 100 eV. <i>Physical Review B</i> , 2017 , 95,	3.3	4
29	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	3.9	4
28	Unraveling excited states of doped helium clusters. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 12749-53	2.8	4
27	Presence of D4 dopamine receptors in human prefrontal cortex: a postmortem study. <i>Revista Brasileira De Psiquiatria</i> , 2007 , 29, 148-52	2.6	4
26	Tubby protein in human lymphocytes from normal weight and obese subjects. <i>Clinical Biochemistry</i> , 2007 , 40, 806-9	3.5	4
25	Decreased lymphocyte 3H-paroxetine binding in obsessive-compulsive disorder. <i>Neuropsychobiology</i> , 2003 , 47, 128-30	4	4
24	Heat transport in liquid water from first-principles and deep neural network simulations. <i>Physical Review B</i> , 2021 , 104,	3.3	4
23	Effectiveness of Nalmefene in Binge Eating Disorder: A Case Report. <i>Journal of Clinical Psychopharmacology</i> , 2016 , 36, 103-4	1.7	4
22	Asenapine augmentation in bipolar disorders: a case series. <i>Clinical Case Reports (discontinued)</i> , 2016 , 4, 499-504	0.7	4
21	Optical properties of anthocyanins in the gas phase. <i>Chemical Physics Letters</i> , 2015 , 618, 24-29	2.5	3
20	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	5.5	3

19	Is androstadienone a putative human pheromone?. <i>Current Medicinal Chemistry</i> , 2011 , 18, 1213-9	4.3	3
18	Cross-sectional imaging of sharp Si interlayers embedded in gallium arsenide. <i>Applied Physics Letters</i> , 2006 , 88, 022115	3.4	3
17	Platelet alpha2-adrenoreceptors in obsessive-compulsive disorder. <i>Neuropsychobiology</i> , 2004 , 49, 81-3	4	3
16	Changes in peripheral benzodiazepine receptors in patients with bipolar disorder. <i>Neuropsychiatric Disease and Treatment</i> , 2005 , 1, 151-4	3.1	3
15	Oxidation States, ThoulessPumps, and Nontrivial Ionic Transport in Nonstoichiometric Electrolytes. <i>Physical Review X</i> , 2020 , 10,	9.1	3
14	The complex interactions among serotonin, insulin, leptin, and glycolipid metabolic parameters in human obesity. <i>CNS Spectrums</i> , 2020 , 1-10	1.8	3
13	Invariance principles in the theory and computation of transport coefficients. <i>European Physical Journal B</i> , 2021 , 94, 160	1.2	3
12	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	4.2	3
11	Inflammatory and metabolic markers in patients with mood disorders. <i>World Journal of Biological Psychiatry</i> , 2021 , 22, 228-235	3.8	2
10	Absence of NK1 receptors in human blood lymphocytes and granulocytes. <i>Neuropsychobiology</i> , 2004 , 50, 221-5	4	2
9	Nalmefene: A Novel Drug for an Old Disorder. <i>Current Medicinal Chemistry</i> , 2015 , 22, 3162-8	4.3	2
8	Decreased Plasma Oxytocin Levels in Patients With PTSD. <i>Frontiers in Psychology</i> , 2021 , 12, 612338	3.4	2
7	Cariprazine as a therapeutic option for schizophrenia: a drug evaluation. <i>Expert Opinion on Pharmacotherapy</i> , 2021 , 22, 415-426	4	2
6	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	0.7	1
5	Electron energy loss spectroscopy of bulk gold with ultrasoft pseudopotentials and the Liouville-Lanczos method. <i>Physical Review B</i> , 2020 , 102,	3.3	1
4	Psychopharmacology and ethnicity: A comparative study on Senegalese and Italian men. <i>World Journal of Biological Psychiatry</i> , 2020 , 21, 300-307	3.8	1
3	The Relationships Between Obsessive-Compulsive Disorder and Psychosis: An Unresolved Issue. 2020 , 17, 149-157		0
2	Vibrational properties of isolated ALAs monolayers embedded in GaAs: a theoretical study of the effects of disorder. <i>Applied Surface Science</i> , 1992 , 56-58, 617-621	6.7	

- 1 Emotional Blunting, Cognitive Impairment, Bone Fractures, and Bleeding as Possible Side Effects of Long-Term Use of SSRIs. **2019**, 16, 75-85