

# Clemence Corminboeuf

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1433804/publications.pdf>

Version: 2024-02-01

139  
papers

5,910  
citations

70961

41  
h-index

85405

71  
g-index

146  
all docs

146  
docs citations

146  
times ranked

7168  
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncovering the Activity of Alkaline Earth Metal Hydrogenation Catalysis Through Molecular Volcano Plots. <i>Topics in Catalysis</i> , 2022, 65, 289-295.	1.3	3
2	Heteroatom oxidation controls singlet-triplet energy splitting in singlet fission building blocks. <i>Chemical Communications</i> , 2022, 58, 1338-1341.	2.2	6
3	SPA <sup>H</sup> M: the spectrum of approximated Hamiltonian matrices representations. , 2022, 1, 286-294.		7
4	Local Kernel Regression and Neural Network Approaches to the Conformational Landscapes of Oligopeptides. <i>Journal of Chemical Theory and Computation</i> , 2022, 18, 1467-1479.	2.3	8
5	Machine intelligence for chemical reaction space. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2022, 12, .	6.2	30
6	Genetic Optimization of Homogeneous Catalysts. <i>Chemistry Methods</i> , 2022, 2, .	1.8	14
7	Assessing the persistence of chalcogen bonds in solution with neural network potentials. <i>Journal of Chemical Physics</i> , 2022, 156, 154112.	1.2	6
8	Mapping Active Site Geometry to Activity in Immobilized Frustrated Lewis Pair Catalysts. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	5
9	Optimizing the Thermodynamics and Kinetics of the Triplet-Pair Dissociation in Donor-Acceptor Copolymers for Intramolecular Singlet Fission. <i>Chemistry of Materials</i> , 2022, 34, 4115-4121.	3.2	6
10	Mapping Catalyst-Solvent Interplay in Competing Carboamination/Cyclopropanation Reactions. <i>Chemistry - A European Journal</i> , 2022, , .	1.7	1
11	Modular Synthesis of Benzocyclobutenes via Pd(II)-Catalyzed Oxidative [2+2] Annulation of Arylboronic Acids with Alkenes. <i>Journal of the American Chemical Society</i> , 2022, 144, 8920-8926.	6.6	9
12	The (not so) simple prediction of enantioselectivity - a pipeline for high-fidelity computations. <i>Chemical Science</i> , 2022, 13, 6858-6864.	3.7	6
13	Donor-Acceptor-Donor-Hot Exciton-Triads for High Reverse Intersystem Crossing in OLEDs. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	7
14	Harvesting the fragment-based nature of bifunctional organocatalysts to enhance their activity. <i>Organic Chemistry Frontiers</i> , 2022, 9, 4041-4051.	2.3	3
15	How Robust Is the Reversible Steric Shielding Strategy for Photoswitchable Organocatalysts?. <i>Journal of Organic Chemistry</i> , 2022, 87, 8849-8857.	1.7	3
16	Structure-Property Relationships in Bithiophenes with Hydrogen-Bonded Substituents. <i>Chemistry - A European Journal</i> , 2021, 27, 3348-3360.	1.7	5
17	Helical electronic transitions of spiroconjugated molecules. <i>Chemical Communications</i> , 2021, 57, 6408-6411.	2.2	13
18	The Genesis of Molecular Volcano Plots. <i>Accounts of Chemical Research</i> , 2021, 54, 1107-1117.	7.6	54

#	ARTICLE	IF	CITATIONS
19	Identifying the Trade-off between Intramolecular Singlet Fission Requirements in Donor–Acceptor Copolymers. <i>Chemistry of Materials</i> , 2021, 33, 2567-2575.	3.2	14
20	Learning the Exciton Properties of Azo-dyes. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 5957-5962.	2.1	4
21	Impact of quantum-chemical metrics on the machine learning prediction of electron density. <i>Journal of Chemical Physics</i> , 2021, 155, 024107.	1.2	3
22	Tuning the $\sigma$ -Accepting Properties of Mesoionic Carbenes: A Combined Computational and Experimental Study. <i>Chemistry - A European Journal</i> , 2021, 27, 11983-11988.	1.7	10
23	Pushing the Limits of the Donor–Acceptor Copolymer Strategy for Intramolecular Singlet Fission. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 7270-7277.	2.1	5
24	Is a Single Conformer Sufficient to Describe the Reorganization Energy of Amorphous Organic Transport Materials?. <i>Journal of Physical Chemistry C</i> , 2021, 125, 17355-17362.	1.5	6
25	Methoxycyclization of 1,5-Enynes by Coinage Metal Catalysts: Is Gold Always Superior?. <i>Helvetica Chimica Acta</i> , 2021, 104, e2100134.	1.0	2
26	Reaction-based machine learning representations for predicting the enantioselectivity of organocatalysts. <i>Chemical Science</i> , 2021, 12, 6879-6889.	3.7	54
27	Tuning the Thermal Stability and Photoisomerization of Azoheteroarenes through Macrocyclic Strain**. <i>Chemistry - A European Journal</i> , 2021, 27, 419-426.	1.7	12
28	Doped but Stable: Spirobisacridine Hole Transporting Materials for Hysteresis-Free and Stable Perovskite Solar Cells. <i>Journal of the American Chemical Society</i> , 2020, 142, 1792-1800.	6.6	39
29	Data-powered augmented volcano plots for homogeneous catalysis. <i>Chemical Science</i> , 2020, 11, 12070-12080.	3.7	23
30	The Photoisomerization Pathway(s) of Push–Pull Phenylazoheteroarenes**. <i>Chemistry - A European Journal</i> , 2020, 26, 14724-14729.	1.7	6
31	Designing Singlet Fission Candidates from Donor–Acceptor Copolymers. <i>Chemistry of Materials</i> , 2020, 32, 6515-6524.	3.2	27
32	Optical gap and fundamental gap of oligoynes and carbyne. <i>Nature Communications</i> , 2020, 11, 4797.	5.8	28
33	Probing Substrate Scope with Molecular Volcanoes. <i>Organic Letters</i> , 2020, 22, 7936-7941.	2.4	12
34	Optical absorption properties of metal–organic frameworks: solid state versus molecular perspective. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 19512-19521.	1.3	14
35	FB-ECDA: Fragment-based Electronic Coupling Decomposition Analysis for Organic Amorphous Semiconductors. <i>Journal of Physical Chemistry A</i> , 2020, 124, 10624-10634.	1.1	2
36	Direct, Mediated, and Delayed Intramolecular Singlet Fission Mechanism in Donor–Acceptor Copolymers. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 9788-9794.	2.1	11

#	ARTICLE	IF	CITATIONS
37	Learning (from) the Electron Density: Transferability, Conformational and Chemical Diversity. <i>Chimia</i> , 2020, 74, 232-236.	0.3	9
38	Machine learning models of the energy curvature vs particle number for optimal tuning of long-range corrected functionals. <i>Journal of Chemical Physics</i> , 2020, 152, 154103.	1.2	12
39	FB-REDA: fragment-based decomposition analysis of the reorganization energy for organic semiconductors. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 11881-11890.	1.3	10
40	Data-Driven Advancement of Homogeneous Nickel Catalyst Activity for Aryl Ether Cleavage. <i>ACS Catalysis</i> , 2020, 10, 7021-7031.	5.5	40
41	Simulating Solvation and Acidity in Complex Mixtures with First-Principles Accuracy: The Case of CH <sub>3</sub> SO <sub>3</sub> H and H <sub>2</sub> O <sub>2</sub> in Phenol. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 5139-5149.	2.3	26
42	Hamiltonian-Reservoir Replica Exchange and Machine Learning Potentials for Computational Organic Chemistry. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 3084-3094.	2.3	16
43	Crystallization and Organic Field-Effect Transistor Performance of a Hydrogen-Bonded Quaterthiophene. <i>Chemistry - A European Journal</i> , 2020, 26, 10265-10275.	1.7	5
44	Balancing Density Functional Theory Interaction Energies in Charged Dimers Precursors to Organic Semiconductors. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 3530-3542.	2.3	2
45	Direct Observation of Aggregation-Induced Emission Mechanism. <i>Angewandte Chemie</i> , 2020, 132, 15013-15019.	1.6	9
46	Direct Observation of Aggregation-Induced Emission Mechanism. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14903-14909.	7.2	85
47	Correlation between Optical Activity and the Helical Molecular Orbitals of Allene and Cumulenes. <i>Organic Letters</i> , 2020, 22, 8028-8033.	2.4	9
48	Learning on-top: Regressing the on-top pair density for real-space visualization of electron correlation. <i>Journal of Chemical Physics</i> , 2020, 153, 204111.	1.2	10
49	Tuning the structure, reactivity and magnetic communication of nitride-bridged uranium complexes with the ancillary ligands. <i>Chemical Science</i> , 2019, 10, 8840-8849.	3.7	26
50	Open-Shell Nonbenzenoid Nanographenes Containing Two Pairs of Pentagonal and Heptagonal Rings. <i>Journal of the American Chemical Society</i> , 2019, 141, 12011-12020.	6.6	112
51	Dual-Facet Mechanism in Copper Nanocubes for Electrochemical CO <sub>2</sub> Reduction into Ethylene. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4259-4265.	2.1	52
52	Mechanistic Study on the Photogeneration of Hydrogen by Decamethylruthenocene. <i>Chemistry - A European Journal</i> , 2019, 25, 12769-12779.	1.7	9
53	Getting the Right Twist: Influence of Donor-Acceptor Dihedral Angle on Exciton Kinetics and Singlet-Triplet Gap in Deep Blue Thermally Activated Delayed Fluorescence Emitter. <i>Journal of Physical Chemistry C</i> , 2019, 123, 27778-27784.	1.5	40
54	Exploring chemical space in the search for improved azoheteroarene-based photoswitches. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 20782-20790.	1.3	10

#	ARTICLE	IF	CITATIONS
55	Electron density learning of non-covalent systems. <i>Chemical Science</i> , 2019, 10, 9424-9432.	3.7	92
56	Insights into Reaction Intermediates to Predict Synthetic Pathways for Shape-Controlled Metal Nanocrystals. <i>Journal of the American Chemical Society</i> , 2019, 141, 16312-16322.	6.6	47
57	The influence of external electric fields on charge reorganization energy in organic semiconductors. <i>Chemical Communications</i> , 2019, 55, 2384-2387.	2.2	9
58	Topology-Driven Single-Molecule Conductance of Carbon Nanothreads. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 825-830.	2.1	18
59	Synthesis of aminyl biradicals by base-induced Csp <sup>3</sup> –Csp <sup>3</sup> coupling of cationic azo dyes. <i>Chemical Science</i> , 2019, 10, 5719-5724.	3.7	30
60	Activity-Based Screening of Homogeneous Catalysts through the Rapid Assessment of Theoretically Derived Turnover Frequencies. <i>ACS Catalysis</i> , 2019, 9, 5716-5725.	5.5	48
61	Data Mining the C–C Cross-Coupling Genome. <i>ChemCatChem</i> , 2019, 11, 4096-4107.	1.8	15
62	DORI Reveals the Influence of Noncovalent Interactions on Covalent Bonding Patterns in Molecular Crystals Under Pressure. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 1482-1488.	2.1	15
63	Mechanisms of fluorescence quenching in prototypical aggregation-induced emission systems: excited state dynamics with TD-DFTB. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 9026-9035.	1.3	28
64	An Unconventional Iron Nickel Catalyst for the Oxygen Evolution Reaction. <i>ACS Central Science</i> , 2019, 5, 558-568.	5.3	263
65	Multiarm and Substituent Effects on Charge Transport of Organic Hole Transport Materials. <i>Chemistry of Materials</i> , 2019, 31, 6605-6614.	3.2	21
66	Quantum Chemistry Meets Machine Learning. <i>Chimia</i> , 2019, 73, 983.	0.3	8
67	Transferable Machine-Learning Model of the Electron Density. <i>ACS Central Science</i> , 2019, 5, 57-64.	5.3	178
68	The role of bridging ligands in dinitrogen reduction and functionalization by uranium multimetallic complexes. <i>Nature Chemistry</i> , 2019, 11, 154-160.	6.6	100
69	i-PI 2.0: A universal force engine for advanced molecular simulations. <i>Computer Physics Communications</i> , 2019, 236, 214-223.	3.0	220
70	Noncovalent Molecular Electronics. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2298-2304.	2.1	14
71	How does alkyl chain length modify the properties of triphenylamine-based hole transport materials?. <i>Journal of Materials Chemistry C</i> , 2018, 6, 960-965.	2.7	23
72	How do London Dispersion Interactions Impact the Photochemical Processes of Molecular Switches?. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 464-470.	2.1	22

#	ARTICLE	IF	CITATIONS
73	Analyzing Fluxional Molecules Using DORI. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 2370-2379.	2.3	5
74	Improving the Thermodynamic Profiles of Prospective Suzuki–Miyaura Cross–Coupling Catalysts by Altering the Electrophilic Coupling Component. <i>ChemCatChem</i> , 2018, 10, 1592-1597.	1.8	21
75	On the Generality of Molecular Volcano Plots. <i>ChemCatChem</i> , 2018, 10, 1586-1591.	1.8	29
76	Unraveling Metal/Pincer Ligand Effects in the Catalytic Hydrogenation of Carbon Dioxide to Formate. <i>Organometallics</i> , 2018, 37, 4568-4575.	1.1	32
77	Restriction Enzyme Analysis of Double-Stranded DNA on Pristine Single-Walled Carbon Nanotubes. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 37386-37395.	4.0	15
78	Read between the Molecules: Computational Insights into Organic Semiconductors. <i>Journal of the American Chemical Society</i> , 2018, 140, 16370-16386.	6.6	79
79	Exploring the Limitation of Molecular Water Oxidation Catalysts. <i>Journal of Physical Chemistry C</i> , 2018, 122, 12404-12412.	1.5	37
80	Fine-tuned organic photoredox catalysts for fragmentation-alkynylation cascades of cyclic oxime ethers. <i>Chemical Science</i> , 2018, 9, 5883-5889.	3.7	141
81	Infrared Spectroscopy as a Probe of Electronic Energy Transfer. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3217-3223.	2.1	10
82	Expedited Screening of Active and Regioselective Catalysts for the Hydroformylation Reaction. <i>Helvetica Chimica Acta</i> , 2018, 101, e1800107.	1.0	19
83	Machine learning meets volcano plots: computational discovery of cross-coupling catalysts. <i>Chemical Science</i> , 2018, 9, 7069-7077.	3.7	154
84	Steric ‘‘attraction’’ not by dispersion alone. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 1482-1490.	1.3	23
85	Nickel pincer model of the active site of lactate racemase involves ligand participation in hydride transfer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1242-1245.	3.3	39
86	Enhancing the power conversion efficiency of dye-sensitized solar cells via molecular plasmon-like excitations. <i>Chemical Communications</i> , 2017, 53, 2423-2426.	2.2	6
87	Photoproduction of Hydrogen by Decamethylruthenocene Combined with Electrochemical Recycling. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2324-2327.	7.2	24
88	Photoproduction of Hydrogen by Decamethylruthenocene Combined with Electrochemical Recycling. <i>Angewandte Chemie</i> , 2017, 129, 2364-2367.	1.6	6
89	Synthesis and characterization of semiaromatic polyamides comprising benzofurobenzofuran repeating units. <i>Polymer Chemistry</i> , 2017, 8, 2197-2209.	1.9	14
90	Heterotetracenes: Flexible Synthesis and in Silico Assessment of the Hole–Transport Properties. <i>Chemistry - A European Journal</i> , 2017, 23, 8058-8065.	1.7	26

#	ARTICLE	IF	CITATIONS
91	Fluorescence Quenching in BODIPY Dyes: The Role of Intramolecular Interactions and Charge Transfer. <i>Helvetica Chimica Acta</i> , 2017, 100, e1700093.	1.0	45
92	Perspective: Found in translation: Quantum chemical tools for grasping non-covalent interactions. <i>Journal of Chemical Physics</i> , 2017, 146, 120901.	1.2	90
93	Charge transport in highly ordered organic nanofibrils: lessons from modelling. <i>Journal of Materials Chemistry C</i> , 2017, 5, 350-361.	2.7	22
94	Salt-induced thermochromism of a conjugated polyelectrolyte. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 28853-28866.	1.3	12
95	A $\hat{\text{I}}^2$ -Carbon elimination strategy for convenient in situ access to cyclopentadienyl metal complexes. <i>Chemical Science</i> , 2017, 8, 7174-7179.	3.7	53
96	A Rising Star: Truxene as a Promising Hole Transport Material in Perovskite Solar Cells. <i>Journal of Physical Chemistry C</i> , 2017, 121, 21729-21739.	1.5	32
97	A Generalized Picture of C-C Cross-Coupling. <i>ACS Catalysis</i> , 2017, 7, 5643-5653.	5.5	68
98	Guidelines and diagnostics for charge carrier tuning in thiophene-based wires. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 23254-23259.	1.3	10
99	Photochromic Torsional Switch (PTS): a light-driven actuator for the dynamic tuning of $\hat{\text{I}}\text{-conjugation extension}$ . <i>Chemical Science</i> , 2017, 8, 361-365.	3.7	15
100	Implications of Charge Penetration for Heteroatom-Containing Organic Semiconductors. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 5198-5204.	2.1	31
101	Low-Lying $\hat{\text{I}}\text{-}^*$ States of Heteroaromatic Molecules: A Challenge for Excited State Methods. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 2652-2660.	2.3	56
102	Rationalizing fluorescence quenching in meso-BODIPY dyes. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 32668-32672.	1.3	48
103	Neutral Aminyl Radicals Derived from Azoimidazolium Dyes. <i>Journal of the American Chemical Society</i> , 2016, 138, 15126-15129.	6.6	40
104	Visualizing and Quantifying Interactions in the Excited State. <i>Chemistry - A European Journal</i> , 2016, 22, 18442-18449.	1.7	22
105	Accessing and predicting the kinetic profiles of homogeneous catalysts from volcano plots. <i>Chemical Science</i> , 2016, 7, 5723-5735.	3.7	65
106	Beyond static structures: Putting forth REMD as a tool to solve problems in computational organic chemistry. <i>Journal of Computational Chemistry</i> , 2016, 37, 83-92.	1.5	27
107	How does tetraphenylethylene relax from its excited states?. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 11606-11609.	1.3	86
108	Exploiting Dispersion-Driven Aggregators as a Route to New One-Dimensional Organic Nanowires. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 4422-4428.	2.1	10

#	ARTICLE	IF	CITATIONS
109	Theory and practice of uncommon molecular electronic configurations. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2015, 5, 440-459.	6.2	95
110	Intramolecular symmetry-adapted perturbation theory with a single-determinant wavefunction. <i>Journal of Chemical Physics</i> , 2015, 143, 224107.	1.2	19
111	A fast charge-dependent atom-pairwise dispersion correction for DFTB3. <i>International Journal of Quantum Chemistry</i> , 2015, 115, 1265-1272.	1.0	16
112	Toward Functional Type-III [Fe]-Hydrogenase Biomimics for H <sub>2</sub> Activation: Insights from Computation. <i>Chemistry - A European Journal</i> , 2015, 21, 3987-3996.	1.7	20
113	Communication: A new class of non-empirical explicit density functionals on the third rung of Jacob's ladder. <i>Journal of Chemical Physics</i> , 2015, 143, 111105.	1.2	13
114	Local hybrid functionals with orbital-free mixing functions and balanced elimination of self-interaction error. <i>Journal of Chemical Physics</i> , 2015, 142, 074112.	1.2	31
115	Excited state dynamics of thiophene and bithiophene: new insights into theoretically challenging systems. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 14719-14730.	1.3	57
116	Linear scaling relationships and volcano plots in homogeneous catalysis – revisiting the Suzuki reaction. <i>Chemical Science</i> , 2015, 6, 6754-6761.	3.7	98
117	Exploration of zeroth-order wavefunctions and energies as a first step toward intramolecular symmetry-adapted perturbation theory. <i>Journal of Chemical Physics</i> , 2014, 140, 154107.	1.2	15
118	How important is self-consistency for the dDsC density dependent dispersion correction?. <i>Journal of Chemical Physics</i> , 2014, 140, 18A516.	1.2	24
119	Functional carbon nanosheets prepared from hexayne amphiphile monolayers at room temperature. <i>Nature Chemistry</i> , 2014, 6, 468-476.	6.6	97
120	Adjusting the Local Arrangement of $\pi$ -Stacked Oligothiophenes through Hydrogen Bonds: A Viable Route to Promote Charge Transfer. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 2320-2324.	2.1	22
121	Ligand-Controlled Regiodivergent Pathways of Rhodium(III)-Catalyzed Dihydroisoquinolone Synthesis: Experimental and Computational Studies of Different Cyclopentadienyl Ligands. <i>Chemistry - A European Journal</i> , 2014, 20, 15409-15418.	1.7	120
122	Simultaneous Visualization of Covalent and Noncovalent Interactions Using Regions of Density Overlap. <i>Journal of Chemical Theory and Computation</i> , 2014, 10, 3745-3756.	2.3	177
123	Minimizing Density Functional Failures for Non-Covalent Interactions Beyond van der Waals Complexes. <i>Accounts of Chemical Research</i> , 2014, 47, 3217-3224.	7.6	51
124	Hierarchically Structured Microfibers of "Single Stack" Perylene Bisimide and Quaterthiophene Nanowires. <i>ACS Nano</i> , 2013, 7, 8498-8508.	7.3	88
125	A ratiometric fluorescence sensor for caffeine. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 7487.	1.5	19
126	Biphasic water splitting by osmocene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11558-11563.	3.3	41



#	ARTICLE	IF	CITATIONS
127	Exploring the Limits of Density Functional Approximations for Interaction Energies of Molecular Precursors to Organic Electronics. <i>Journal of Chemical Theory and Computation</i> , 2012, 8, 4305-4316.	2.3	38
128	Quantification of "fuzzy" chemical concepts: a computational perspective. <i>Chemical Society Reviews</i> , 2012, 41, 4671.	18.7	108
129	Why are the Interaction Energies of Charge-Transfer Complexes Challenging for DFT?. <i>Journal of Chemical Theory and Computation</i> , 2012, 8, 1629-1640.	2.3	153
130	Dispersion-Corrected Energy Decomposition Analysis for Intermolecular Interactions Based on the BLW and dDXDM Methods. <i>Journal of Physical Chemistry A</i> , 2011, 115, 5467-5477.	1.1	43
131	Comprehensive Benchmarking of a Density-Dependent Dispersion Correction. <i>Journal of Chemical Theory and Computation</i> , 2011, 7, 3567-3577.	2.3	400
132	A Density Dependent Dispersion Correction. <i>Chimia</i> , 2011, 65, 240.	0.3	40
133	A generalized-gradient approximation exchange hole model for dispersion coefficients. <i>Journal of Chemical Physics</i> , 2011, 134, 044117.	1.2	270
134	Oxygen and proton reduction by decamethylferrocene in non-aqueous acidic media. <i>Chemical Communications</i> , 2010, 46, 2918.	2.2	59
135	A System-Dependent Density-Based Dispersion Correction. <i>Journal of Chemical Theory and Computation</i> , 2010, 6, 1990-2001.	2.3	133
136	Why Are (NN <sub>2</sub> )Ni Pincer Complexes Active for Alkyl-Alkyl Coupling: <sup>2</sup> H Elimination Is Kinetically Accessible but Thermodynamically Uphill. <i>Organometallics</i> , 2010, 29, 3686-3689.	1.1	76
137	Unified Inter- and Intramolecular Dispersion Correction Formula for Generalized Gradient Approximation Density Functional Theory. <i>Journal of Chemical Theory and Computation</i> , 2009, 5, 2950-2958.	2.3	76
138	Can five-membered Te <sub>2</sub> N <sub>2</sub> S rings be considered aromatic?. <i>Structural Chemistry</i> , 2007, 18, 841-847.	1.0	3
139	Mapping Active Site Geometry to Activity in Immobilized Frustrated Lewis Pair Catalysts. <i>Angewandte Chemie</i> , 0, , .	1.6	3