

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	Comprehensive Benchmarking of a Density-Dependent Dispersion Correction. <i>Journal of Chemical Theory and Computation</i> , 2011, 7, 3567-3577.	2.3	400
2	A generalized-gradient approximation exchange hole model for dispersion coefficients. <i>Journal of Chemical Physics</i> , 2011, 134, 044117.	1.2	270
3	An Unconventional Iron Nickel Catalyst for the Oxygen Evolution Reaction. <i>ACS Central Science</i> , 2019, 5, 558-568.	5.3	263
4	i-PI 2.0: A universal force engine for advanced molecular simulations. <i>Computer Physics Communications</i> , 2019, 236, 214-223.	3.0	220
5	Transferable Machine-Learning Model of the Electron Density. <i>ACS Central Science</i> , 2019, 5, 57-64.	5.3	178
6	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
7	Machine learning meets volcano plots: computational discovery of cross-coupling catalysts. <i>Chemical Science</i> , 2018, 9, 7069-7077.	3.7	154
8	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
9	Fine-tuned organic photoredox catalysts for fragmentation-alkynylation cascades of cyclic oxime ethers. <i>Chemical Science</i> , 2018, 9, 5883-5889.	3.7	141
10	A System-Dependent Density-Based Dispersion Correction. <i>Journal of Chemical Theory and Computation</i> , 2010, 6, 1990-2001.	2.3	133
11	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
12	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
13	Quantification of "fuzzy" chemical concepts: a computational perspective. <i>Chemical Society Reviews</i> , 2012, 41, 4671.	18.7	108
14	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
15	Linear scaling relationships and volcano plots in homogeneous catalysis " revisiting the Suzuki reaction. <i>Chemical Science</i> , 2015, 6, 6754-6761.	3.7	98
16	Functional carbon nanosheets prepared from hexayne amphiphile monolayers at room temperature. <i>Nature Chemistry</i> , 2014, 6, 468-476.	6.6	97
17	Theory and practice of uncommon molecular electronic configurations. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2015, 5, 440-459.	6.2	95
18	Electron density learning of non-covalent systems. <i>Chemical Science</i> , 2019, 10, 9424-9432.	3.7	92

#	ARTICLE	IF	CITATIONS
19	Perspective: Found in translation: Quantum chemical tools for grasping non-covalent interactions. <i>Journal of Chemical Physics</i> , 2017, 146, 120901.	1.2	90
20	Hierarchically Structured Microfibers of "Single Stack" Perylene Bisimide and Quaterthiophene Nanowires. <i>ACS Nano</i> , 2013, 7, 8498-8508.	7.3	88
21	How does tetraphenylethylene relax from its excited states?. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 11606-11609.	1.3	86
22	Direct Observation of Aggregation-Induced Emission Mechanism. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14903-14909.	7.2	85
23	Read between the Molecules: Computational Insights into Organic Semiconductors. <i>Journal of the American Chemical Society</i> , 2018, 140, 16370-16386.	6.6	79
24	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
25	Why Are (NN ₂)Ni Pincer Complexes Active for Alkyl-Alkyl Coupling: $\hat{1}^2$ -H Elimination Is Kinetically Accessible but Thermodynamically Uphill. <i>Organometallics</i> , 2010, 29, 3686-3689.	1.1	76
26	A Generalized Picture of C-C Cross-Coupling. <i>ACS Catalysis</i> , 2017, 7, 5643-5653.	5.5	68
27	Accessing and predicting the kinetic profiles of homogeneous catalysts from volcano plots. <i>Chemical Science</i> , 2016, 7, 5723-5735.	3.7	65
28	Oxygen and proton reduction by decamethylferrocene in non-aqueous acidic media. <i>Chemical Communications</i> , 2010, 46, 2918.	2.2	59
29	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
30	Low-Lying $\hat{1}^1$ 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
31	The Genesis of Molecular Volcano Plots. <i>Accounts of Chemical Research</i> , 2021, 54, 1107-1117.	7.6	54
32	Reaction-based machine learning representations for predicting the enantioselectivity of organocatalysts. <i>Chemical Science</i> , 2021, 12, 6879-6889.	3.7	54
33	A $\hat{1}^2$ -Carbon elimination strategy for convenient in situ access to cyclopentadienyl metal complexes. <i>Chemical Science</i> , 2017, 8, 7174-7179.	3.7	53
34	Dual-Facet Mechanism in Copper Nanocubes for Electrochemical CO ₂ Reduction into Ethylene. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4259-4265.	2.1	52
35	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
36	Rationalizing fluorescence quenching in meso-BODIPY dyes. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 32668-32672.	1.3	48

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Fluorescence Quenching in BODIPY Dyes: The Role of Intramolecular Interactions and Charge Transfer. <i>Helvetica Chimica Acta</i> , 2017, 100, e1700093.	1.0	45
40	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
41	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
42	A Density Dependent Dispersion Correction. <i>Chimia</i> , 2011, 65, 240.	0.3	40
43	Neutral Aminyl Radicals Derived from Azoimidazolium Dyes. <i>Journal of the American Chemical Society</i> , 2016, 138, 15126-15129.	6.6	40
44	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
45	Data-Driven Advancement of Homogeneous Nickel Catalyst Activity for Aryl Ether Cleavage. <i>ACS Catalysis</i> , 2020, 10, 7021-7031.	5.5	40
46	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
47	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
48	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
49	Exploring the Limitation of Molecular Water Oxidation Catalysts. <i>Journal of Physical Chemistry C</i> , 2018, 122, 12404-12412.	1.5	37
50	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
51	Unraveling Metal/Pincer Ligand Effects in the Catalytic Hydrogenation of Carbon Dioxide to Formate. <i>Organometallics</i> , 2018, 37, 4568-4575.	1.1	32
52	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
53	Implications of Charge Penetration for Heteroatom-Containing Organic Semiconductors. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 5198-5204.	2.1	31
54	Synthesis of aminyl biradicals by base-induced Csp^3-Csp^3 coupling of cationic azo dyes. <i>Chemical Science</i> , 2019, 10, 5719-5724.	3.7	30

#	ARTICLE	IF	CITATIONS
55	Machine intelligence for chemical reaction space. Wiley Interdisciplinary Reviews: Computational Molecular Science, 2022, 12, .	6.2	30
56	On the Generality of Molecular Volcano Plots. ChemCatChem, 2018, 10, 1586-1591.	1.8	29
57	Mechanisms of fluorescence quenching in prototypical aggregation-induced emission systems: excited state dynamics with TD-DFTB. Physical Chemistry Chemical Physics, 2019, 21, 9026-9035.	1.3	28
58	Optical gap and fundamental gap of oligoynes and carbyne. Nature Communications, 2020, 11, 4797.	5.8	28
59	Beyond static structures: Putting forth REMD as a tool to solve problems in computational organic chemistry. Journal of Computational Chemistry, 2016, 37, 83-92.	1.5	27
60	Designing Singlet Fission Candidates from Donor-Acceptor Copolymers. Chemistry of Materials, 2020, 32, 6515-6524.	3.2	27
61	Heterotetracenes: Flexible Synthesis and in Silico Assessment of the Hole-Transport Properties. Chemistry - A European Journal, 2017, 23, 8058-8065.	1.7	26
62	Tuning the structure, reactivity and magnetic communication of nitride-bridged uranium complexes with the ancillary ligands. Chemical Science, 2019, 10, 8840-8849.	3.7	26
63	Simulating Solvation and Acidity in Complex Mixtures with First-Principles Accuracy: The Case of CH ₃ SO ₃ H and H ₂ O ₂ in Phenol. Journal of Chemical Theory and Computation, 2020, 16, 5139-5149.	2.3	26
64	How important is self-consistency for the dDsC density dependent dispersion correction?. Journal of Chemical Physics, 2014, 140, 18A516.	1.2	24
65	Photoproduction of Hydrogen by Decamethylruthenocene Combined with Electrochemical Recycling. Angewandte Chemie - International Edition, 2017, 56, 2324-2327.	7.2	24
66	How does alkyl chain length modify the properties of triphenylamine-based hole transport materials?. Journal of Materials Chemistry C, 2018, 6, 960-965.	2.7	23
67	Steric "attraction" not by dispersion alone. Beilstein Journal of Organic Chemistry, 2018, 14, 1482-1490.	1.3	23
68	Data-powered augmented volcano plots for homogeneous catalysis. Chemical Science, 2020, 11, 12070-12080.	3.7	23
69	Adjusting the Local Arrangement of π -Stacked Oligothiophenes through Hydrogen Bonds: A Viable Route to Promote Charge Transfer. Journal of Physical Chemistry Letters, 2014, 5, 2320-2324.	2.1	22
70	Visualizing and Quantifying Interactions in the Excited State. Chemistry - A European Journal, 2016, 22, 18442-18449.	1.7	22
71	Charge transport in highly ordered organic nanofibrils: lessons from modelling. Journal of Materials Chemistry C, 2017, 5, 350-361.	2.7	22
72	How do London Dispersion Interactions Impact the Photochemical Processes of Molecular Switches?. Journal of Physical Chemistry Letters, 2018, 9, 464-470.	2.1	22

#	ARTICLE	IF	CITATIONS
73	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
74	Multiaim and Substituent Effects on Charge Transport of Organic Hole Transport Materials. <i>Chemistry of Materials</i> , 2019, 31, 6605-6614.	3.2	21
75	Toward Functional Type-III [Fe]-Hydrogenase Biomimics for H ₂ Activation: Insights from Computation. <i>Chemistry - A European Journal</i> , 2015, 21, 3987-3996.	1.7	20
76	A ratiometric fluorescence sensor for caffeine. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 7487.	1.5	19
77	Intramolecular symmetry-adapted perturbation theory with a single-determinant wavefunction. <i>Journal of Chemical Physics</i> , 2015, 143, 224107.	1.2	19
78	Expedited Screening of Active and Regioselective Catalysts for the Hydroformylation Reaction. <i>Helvetica Chimica Acta</i> , 2018, 101, e1800107.	1.0	19
79	Topology-Driven Single-Molecule Conductance of Carbon Nanothreads. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 825-830.	2.1	18
80	A fast charge-dependent atom-pairwise dispersion correction for DFTB3. <i>International Journal of Quantum Chemistry</i> , 2015, 115, 1265-1272.	1.0	16
81	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
82	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
83	Photochromic Torsional Switch (PTS): a light-driven actuator for the dynamic tuning of π -conjugation extension. <i>Chemical Science</i> , 2017, 8, 361-365.	3.7	15
84	Restriction Enzyme Analysis of Double-Stranded DNA on Pristine Single-Walled Carbon Nanotubes. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 37386-37395.	4.0	15
85	Data Mining the C–C Cross-Coupling Genome. <i>ChemCatChem</i> , 2019, 11, 4096-4107.	1.8	15
86	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
87	Synthesis and characterization of semiaromatic polyamides comprising benzofurobenzofuran repeating units. <i>Polymer Chemistry</i> , 2017, 8, 2197-2209.	1.9	14
88	Noncovalent Molecular Electronics. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2298-2304.	2.1	14
89	Optical absorption properties of metal-organic frameworks: solid state <i>versus</i> molecular perspective. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 19512-19521.	1.3	14
90	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

#	ARTICLE	IF	CITATIONS
91	Genetic Optimization of Homogeneous Catalysts. <i>Chemistry Methods</i> , 2022, 2, .	1.8	14
92	Communication: A new class of non-empirical explicit density functionals on the third rung of Jacobâ€™s ladder. <i>Journal of Chemical Physics</i> , 2015, 143, 111105.	1.2	13
93	Helical electronic transitions of spiroconjugated molecules. <i>Chemical Communications</i> , 2021, 57, 6408-6411.	2.2	13
94	Salt-induced thermochromism of a conjugated polyelectrolyte. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 28853-28866.	1.3	12
95	Probing Substrate Scope with Molecular Volcanoes. <i>Organic Letters</i> , 2020, 22, 7936-7941.	2.4	12
96	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
97	Tuning the Thermal Stability and Photoisomerization of Azoheteroarenes through Macrocyclic Strain ^{**} . <i>Chemistry - A European Journal</i> , 2021, 27, 419-426.	1.7	12
98	Direct, Mediated, and Delayed Intramolecular Singlet Fission Mechanism in Donorâ€™-Acceptor Copolymers. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 9788-9794.	2.1	11
99	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
100	Guidelines and diagnostics for charge carrier tuning in thiophene-based wires. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 23254-23259.	1.3	10
101	Infrared Spectroscopy as a Probe of Electronic Energy Transfer. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3217-3223.	2.1	10
102	Exploring chemical space in the search for improved azoheteroarene-based photoswitches. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 20782-20790.	1.3	10
103	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
104	Tuning the Î€-Accepting Properties of Mesoionic Carbenes: A Combined Computational and Experimental Study. <i>Chemistry - A European Journal</i> , 2021, 27, 11983-11988.	1.7	10
105	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
106	Mechanistic Study on the Photogeneration of Hydrogen by Decamethylruthenocene. <i>Chemistry - A European Journal</i> , 2019, 25, 12769-12779.	1.7	9
107	The influence of external electric fields on charge reorganization energy in organic semiconductors. <i>Chemical Communications</i> , 2019, 55, 2384-2387.	2.2	9
108	Learning (from) the Electron Density: Transferability, Conformational and Chemical Diversity. <i>Chimia</i> , 2020, 74, 232-236.	0.3	9

#	ARTICLE	IF	CITATIONS
109	Direct Observation of Aggregation-Induced Emission Mechanism. <i>Angewandte Chemie</i> , 2020, 132, 15013-15019.	1.6	9
110	Correlation between Optical Activity and the Helical Molecular Orbitals of Allene and Cumulenes. <i>Organic Letters</i> , 2020, 22, 8028-8033.	2.4	9
111	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
112	Quantum Chemistry Meets Machine Learning. <i>Chimia</i> , 2019, 73, 983.	0.3	8
113	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
114	SPA ^H M: the spectrum of approximated Hamiltonian matrices representations. , 2022, 1, 286-294.		7
115	Donor-Acceptor-Donor Hot Exciton-Triads for High Reverse Intersystem Crossing in OLEDs. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	7
116	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
117	Photoproduction of Hydrogen by Decamethylruthenocene Combined with Electrochemical Recycling. <i>Angewandte Chemie</i> , 2017, 129, 2364-2367.	1.6	6
118	The Photoisomerization Pathway(s) of Push-Pull Phenylazoheteroarenes**. <i>Chemistry - A European Journal</i> , 2020, 26, 14724-14729.	1.7	6
119	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
120	Heteroatom oxidation controls singlet-triplet energy splitting in singlet fission building blocks. <i>Chemical Communications</i> , 2022, 58, 1338-1341.	2.2	6
121	Assessing the persistence of chalcogen bonds in solution with neural network potentials. <i>Journal of Chemical Physics</i> , 2022, 156, 154112.	1.2	6
122	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
123	The (not so) simple prediction of enantioselectivity - a pipeline for high-fidelity computations. <i>Chemical Science</i> , 2022, 13, 6858-6864.	3.7	6
124	Analyzing Fluxional Molecules Using DORI. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 2370-2379.	2.3	5
125	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
126	Structure-Property Relationships in Bithiophenes with Hydrogen-Bonded Substituents. <i>Chemistry - A European Journal</i> , 2021, 27, 3348-3360.	1.7	5

#	ARTICLE	IF	CITATIONS
127	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
128	Mapping Active Site Geometry to Activity in Immobilized Frustrated Lewis Pair Catalysts. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	5
129	Learning the Exciton Properties of Azo-dyes. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 5957-5962.	2.1	4
130	Can five-membered Te ₂ N ₂ S rings be considered aromatic?. <i>Structural Chemistry</i> , 2007, 18, 841-847.	1.0	3
131	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
132	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
133	Mapping Active Site Geometry to Activity in Immobilized Frustrated Lewis Pair Catalysts. <i>Angewandte Chemie</i> , 0, , .	1.6	3
134	Harvesting the fragment-based nature of bifunctional organocatalysts to enhance their activity. <i>Organic Chemistry Frontiers</i> , 2022, 9, 4041-4051.	2.3	3
135	How Robust Is the Reversible Steric Shielding Strategy for Photoswitchable Organocatalysts?. <i>Journal of Organic Chemistry</i> , 2022, 87, 8849-8857.	1.7	3
136	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
137	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
138	Methoxycyclization of 1,5-Enynes by Coinage Metal Catalysts: Is Gold Always Superior?. <i>Helvetica Chimica Acta</i> , 2021, 104, e2100134.	1.0	2
139	Mapping Catalyst–Solvent Interplay in Competing Carboamination/Cyclopropanation Reactions. <i>Chemistry - A European Journal</i> , 2022, , .	1.7	1