Clemence Corminboeuf

List of Publications by Citations

 $\textbf{Source:} \ https://exaly.com/author-pdf/1433804/clemence-corminboeuf-publications-by-citations.pdf$

Version: 2024-04-19

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.

130 papers

4,196 citations

35 h-index 60 g-index

146 ext. papers

5,072 ext. citations

7.4 avg, IF

6.31 L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 130 | Comprehensive Benchmarking of a Density-Dependent Dispersion Correction. <i>Journal of Chemical Theory and Computation</i> , 2011 , 7, 3567-77 | 6.4 | 322 |
| 129 | A generalized-gradient approximation exchange hole model for dispersion coefficients. <i>Journal of Chemical Physics</i> , 2011 , 134, 044117 | 3.9 | 211 |
| 128 | Why are the Interaction Energies of Charge-Transfer Complexes Challenging for DFT?. <i>Journal of Chemical Theory and Computation</i> , 2012 , 8, 1629-40 | 6.4 | 141 |
| 127 | An Unconventional Iron Nickel Catalyst for the Oxygen Evolution Reaction. <i>ACS Central Science</i> , 2019 , 5, 558-568 | 16.8 | 136 |
| 126 | Simultaneous Visualization of Covalent and Noncovalent Interactions Using Regions of Density Overlap. <i>Journal of Chemical Theory and Computation</i> , 2014 , 10, 3745-3756 | 6.4 | 132 |
| 125 | Machine learning meets volcano plots: computational discovery of cross-coupling catalysts. <i>Chemical Science</i> , 2018 , 9, 7069-7077 | 9.4 | 118 |
| 124 | A System-Dependent Density-Based Dispersion Correction. <i>Journal of Chemical Theory and Computation</i> , 2010 , 6, 1990-2001 | 6.4 | 118 |
| 123 | i-PI 2.0: A universal force engine for advanced molecular simulations. <i>Computer Physics Communications</i> , 2019 , 236, 214-223 | 4.2 | 118 |
| 122 | Fine-tuned organic photoredox catalysts for fragmentation-alkynylation cascades of cyclic oxime ethers. <i>Chemical Science</i> , 2018 , 9, 5883-5889 | 9.4 | 117 |
| 121 | Transferable Machine-Learning Model of the Electron Density. ACS Central Science, 2019, 5, 57-64 | 16.8 | 114 |
| 120 | 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, 15409-18 | 4.8 | 100 |
| 119 | Quantification of "fuzzy" chemical concepts: a computational perspective. <i>Chemical Society Reviews</i> , 2012 , 41, 4671-87 | 58.5 | 88 |
| 118 | Functional carbon nanosheets prepared from hexayne amphiphile monolayers at room temperature. <i>Nature Chemistry</i> , 2014 , 6, 468-76 | 17.6 | 85 |
| 117 | Hierarchically structured microfibers of "single stack" perylene bisimide and quaterthiophene nanowires. <i>ACS Nano</i> , 2013 , 7, 8498-508 | 16.7 | 78 |
| 116 | How does tetraphenylethylene relax from its excited states?. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 11606-9 | 3.6 | 76 |
| 115 | Why Are (NN2)Ni Pincer Complexes Active for AlkylAlkyl Coupling: EH Elimination Is Kinetically Accessible but Thermodynamically Uphill. <i>Organometallics</i> , 2010 , 29, 3686-3689 | 3.8 | 73 |
| 114 | Unified Inter- and Intramolecular Dispersion Correction Formula for Generalized Gradient Approximation Density Functional Theory. <i>Journal of Chemical Theory and Computation</i> , 2009 , 5, 2950-8 | 6.4 | 70 |

(2016-2015)

| 113 | Linear scaling relationships and volcano plots in homogeneous catalysis - revisiting the Suzuki reaction. <i>Chemical Science</i> , 2015 , 6, 6754-6761 | 9.4 | 68 |
|-----|--|------|----|
| 112 | The role of bridging ligands in dinitrogen reduction and functionalization by uranium multimetallic complexes. <i>Nature Chemistry</i> , 2019 , 11, 154-160 | 17.6 | 67 |
| 111 | Theory and practice of uncommon molecular electronic configurations. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2015 , 5, 440-459 | 7.9 | 66 |
| 110 | Perspective: Found in translation: Quantum chemical tools for grasping non-covalent interactions. Journal of Chemical Physics, 2017 , 146, 120901 | 3.9 | 65 |
| 109 | Read between the Molecules: Computational Insights into Organic Semiconductors. <i>Journal of the American Chemical Society</i> , 2018 , 140, 16370-16386 | 16.4 | 58 |
| 108 | Electron density learning of non-covalent systems. <i>Chemical Science</i> , 2019 , 10, 9424-9432 | 9.4 | 55 |
| 107 | A Generalized Picture of CL Cross-Coupling. ACS Catalysis, 2017, 7, 5643-5653 | 13.1 | 55 |
| 106 | Oxygen and proton reduction by decamethylferrocene in non-aqueous acidic media. <i>Chemical Communications</i> , 2010 , 46, 2918-9 | 5.8 | 51 |
| 105 | Open-Shell Nonbenzenoid Nanographenes Containing Two Pairs of Pentagonal and Heptagonal Rings. <i>Journal of the American Chemical Society</i> , 2019 , 141, 12011-12020 | 16.4 | 47 |
| 104 | Low-Lying 🛮 States of Heteroaromatic Molecules: A Challenge for Excited State Methods. <i>Journal of Chemical Theory and Computation</i> , 2016 , 12, 2652-60 | 6.4 | 47 |
| 103 | Minimizing density functional failures for non-covalent interactions beyond van der Waals complexes. <i>Accounts of Chemical Research</i> , 2014 , 47, 3217-24 | 24.3 | 45 |
| 102 | Excited state dynamics of thiophene and bithiophene: new insights into theoretically challenging systems. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 14719-30 | 3.6 | 44 |
| 101 | Accessing and predicting the kinetic profiles of homogeneous catalysts from volcano plots. <i>Chemical Science</i> , 2016 , 7, 5723-5735 | 9.4 | 44 |
| 100 | Direct Observation of Aggregation-Induced Emission Mechanism. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 14903-14909 | 16.4 | 44 |
| 99 | Biphasic water splitting by osmocene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 11558-63 | 11.5 | 38 |
| 98 | Dispersion-corrected energy decomposition analysis for intermolecular interactions based on the BLW and dDXDM methods. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 5467-77 | 2.8 | 38 |
| 97 | A ECarbon elimination strategy for convenient access to cyclopentadienyl metal complexes. <i>Chemical Science</i> , 2017 , 8, 7174-7179 | 9.4 | 37 |
| 96 | Rationalizing fluorescence quenching in meso-BODIPY dyes. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 32668-32672 | 3.6 | 36 |

| 95 | A density dependent dispersion correction. <i>Chimia</i> , 2011 , 65, 240-4 | 1.3 | 35 |
|----|--|----------------------|-----------------|
| 94 | 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, 4305-16 | 6.4 | 34 |
| 93 | Neutral Aminyl Radicals Derived from Azoimidazolium Dyes. <i>Journal of the American Chemical Society</i> , 2016 , 138, 15126-15129 | 16.4 | 32 |
| 92 | 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, 12 | 42 ⁻¹ 724 | 5 ³⁰ |
| 91 | Dual-Facet Mechanism in Copper Nanocubes for Electrochemical CO Reduction into Ethylene. Journal of Physical Chemistry Letters, 2019 , 10, 4259-4265 | 6.4 | 30 |
| 90 | 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 | 16.4 | 29 |
| 89 | 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 | 16.4 | 29 |
| 88 | Exploring the Limitation of Molecular Water Oxidation Catalysts. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 12404-12412 | 3.8 | 27 |
| 87 | Fluorescence Quenching in BODIPY Dyes: The Role of Intramolecular Interactions and Charge Transfer. <i>Helvetica Chimica Acta</i> , 2017 , 100, e1700093 | 2 | 26 |
| 86 | Local hybrid functionals with orbital-free mixing functions and balanced elimination of self-interaction error. <i>Journal of Chemical Physics</i> , 2015 , 142, 074112 | 3.9 | 26 |
| 85 | Implications of Charge Penetration for Heteroatom-Containing Organic Semiconductors. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 5198-5204 | 6.4 | 25 |
| 84 | Activity-Based Screening of Homogeneous Catalysts through the Rapid Assessment of Theoretically Derived Turnover Frequencies. <i>ACS Catalysis</i> , 2019 , 9, 5716-5725 | 13.1 | 24 |
| 83 | Getting the Right Twist: Influence of DonorAcceptor Dihedral Angle on Exciton Kinetics and SingletTriplet Gap in Deep Blue Thermally Activated Delayed Fluorescence Emitter. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 27778-27784 | 3.8 | 23 |
| 82 | 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 | 3.8 | 23 |
| 81 | How important is self-consistency for the dDsC density dependent dispersion correction?. <i>Journal of Chemical Physics</i> , 2014 , 140, 18A516 | 3.9 | 23 |
| 80 | Heterotetracenes: Flexible Synthesis and in Silico Assessment of the Hole-Transport Properties. <i>Chemistry - A European Journal</i> , 2017 , 23, 8058-8065 | 4.8 | 21 |
| 79 | Visualizing and Quantifying Interactions in the Excited State. <i>Chemistry - A European Journal</i> , 2016 , 22, 18442-18449 | 4.8 | 21 |
| 78 | 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 | 3.5 | 21 |

(2020-2014)

| 77 | Adjusting the Local Arrangement of Estacked Oligothiophenes through Hydrogen Bonds: A Viable Route to Promote Charge Transfer. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 2320-4 | 6.4 | 21 | |
|----|--|------|----|--|
| 76 | Synthesis of aminyl biradicals by base-induced Csp-Csp coupling of cationic azo dyes. <i>Chemical Science</i> , 2019 , 10, 5719-5724 | 9.4 | 20 | |
| 75 | On the Generality of Molecular Volcano Plots. ChemCatChem, 2018, 10, 1586-1591 | 5.2 | 20 | |
| 74 | 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 | 3.6 | 19 | |
| 73 | 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 | 7.1 | 19 | |
| 72 | Toward functional type III [Fe]-hydrogenase biomimics for H2 activation: insights from computation. <i>Chemistry - A European Journal</i> , 2015 , 21, 3987-96 | 4.8 | 19 | |
| 71 | Photoproduction of Hydrogen by Decamethylruthenocene Combined with Electrochemical Recycling. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2324-2327 | 16.4 | 18 | |
| 7º | A ratiometric fluorescence sensor for caffeine. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 7487-90 | 3.9 | 18 | |
| 69 | Unraveling Metal/Pincer Ligand Effects in the Catalytic Hydrogenation of Carbon Dioxide to Formate. <i>Organometallics</i> , 2018 , 37, 4568-4575 | 3.8 | 18 | |
| 68 | Charge transport in highly ordered organic nanofibrils: lessons from modelling. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 350-361 | 7.1 | 17 | |
| 67 | Data-Driven Advancement of Homogeneous Nickel Catalyst Activity for Aryl Ether Cleavage. <i>ACS Catalysis</i> , 2020 , 10, 7021-7031 | 13.1 | 17 | |
| 66 | The Genesis of Molecular Volcano Plots. Accounts of Chemical Research, 2021, 54, 1107-1117 | 24.3 | 17 | |
| 65 | How do London Dispersion Interactions Impact the Photochemical Processes of Molecular Switches?. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 464-470 | 6.4 | 16 | |
| 64 | Tuning the structure, reactivity and magnetic communication of nitride-bridged uranium complexes with the ancillary ligands. <i>Chemical Science</i> , 2019 , 10, 8840-8849 | 9.4 | 16 | |
| 63 | Intramolecular symmetry-adapted perturbation theory with a single-determinant wavefunction. Journal of Chemical Physics, 2015 , 143, 224107 | 3.9 | 16 | |
| 62 | A fast charge-Dependent atom-pairwise dispersion correction for DFTB3. <i>International Journal of Quantum Chemistry</i> , 2015 , 115, 1265-1272 | 2.1 | 16 | |
| 61 | Designing Singlet Fission Candidates from DonorAcceptor Copolymers. <i>Chemistry of Materials</i> , 2020 , 32, 6515-6524 | 9.6 | 16 | |
| 60 | Simulating Solvation and Acidity in Complex Mixtures with First-Principles Accuracy: The Case of CHSOH and HO in Phenol. <i>Journal of Chemical Theory and Computation</i> , 2020 , 16, 5139-5149 | 6.4 | 15 | |

| 59 | Expedited Screening of Active and Regioselective Catalysts for the Hydroformylation Reaction. Helvetica Chimica Acta, 2018 , 101, e1800107 | 2 | 15 |
|----|--|------------------|----|
| 58 | Multiarm and Substituent Effects on Charge Transport of Organic Hole Transport Materials. <i>Chemistry of Materials</i> , 2019 , 31, 6605-6614 | 9.6 | 15 |
| 57 | Improving the Thermodynamic Profiles of Prospective SuzukiMiyaura Cross-Coupling Catalysts by Altering the Electrophilic Coupling Component. <i>ChemCatChem</i> , 2018 , 10, 1592-1597 | 5.2 | 15 |
| 56 | Reaction-based machine learning representations for predicting the enantioselectivity of organocatalysts. <i>Chemical Science</i> , 2021 , 12, 6879-6889 | 9.4 | 15 |
| 55 | Steric "attraction": not by dispersion alone. <i>Beilstein Journal of Organic Chemistry</i> , 2018 , 14, 1482-1490 | 2.5 | 14 |
| 54 | 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 | 3.9 | 14 |
| 53 | Data-powered augmented volcano plots for homogeneous catalysis. <i>Chemical Science</i> , 2020 , 11, 12070- | -1 3.4 80 | 14 |
| 52 | Topology-Driven Single-Molecule Conductance of Carbon Nanothreads. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 825-830 | 6.4 | 13 |
| 51 | 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 | 3.9 | 13 |
| 50 | Optical gap and fundamental gap of oligoynes and carbyne. <i>Nature Communications</i> , 2020 , 11, 4797 | 17.4 | 13 |
| 49 | Photochromic Torsional Switch (PTS): a light-driven actuator for the dynamic tuning of Econjugation extension. <i>Chemical Science</i> , 2017 , 8, 361-365 | 9.4 | 11 |
| 48 | Synthesis and characterization of semiaromatic polyamides comprising benzofurobenzofuran repeating units. <i>Polymer Chemistry</i> , 2017 , 8, 2197-2209 | 4.9 | 10 |
| 47 | Data Mining the CL Cross-Coupling Genome. ChemCatChem, 2019, 11, 4096-4107 | 5.2 | 10 |
| 46 | Noncovalent Molecular Electronics. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 2298-2304 | 6.4 | 10 |
| 45 | Exploiting Dispersion-Driven Aggregators as a Route to New One-Dimensional Organic Nanowires. Journal of Physical Chemistry Letters, 2015 , 6, 4422-8 | 6.4 | 10 |
| 44 | Guidelines and diagnostics for charge carrier tuning in thiophene-based wires. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 23254-23259 | 3.6 | 10 |
| 43 | 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 | 6.4 | 9 |
| 42 | 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 | 3.9 | 9 |

(2020-2017)

| 41 | Salt-induced thermochromism of a conjugated polyelectrolyte. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 28853-28866 | 3.6 | 8 |
|----|---|---------|---|
| 40 | Exploring chemical space in the search for improved azoheteroarene-based photoswitches. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 20782-20790 | 3.6 | 8 |
| 39 | Hamiltonian-Reservoir Replica Exchange and Machine Learning Potentials for Computational Organic Chemistry. <i>Journal of Chemical Theory and Computation</i> , 2020 , 16, 3084-3094 | 6.4 | 8 |
| 38 | Optical absorption properties of metal-organic frameworks: solid state molecular perspective. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 19512-19521 | 3.6 | 8 |
| 37 | Infrared Spectroscopy as a Probe of Electronic Energy Transfer. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 3217-3223 | 6.4 | 8 |
| 36 | Direct, Mediated, and Delayed Intramolecular Singlet Fission Mechanism in Donor-Acceptor Copolymers. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 9788-9794 | 6.4 | 7 |
| 35 | 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 | 3.9 | 7 |
| 34 | FB-REDA: fragment-based decomposition analysis of the reorganization energy for organic semiconductors. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 11881-11890 | 3.6 | 7 |
| 33 | Restriction Enzyme Analysis of Double-Stranded DNA on Pristine Single-Walled Carbon Nanotubes. <i>ACS Applied Materials & Double Stranded DNA on Pristine Single-Walled Carbon Nanotubes.</i> | 9.5 | 7 |
| 32 | The influence of external electric fields on charge reorganization energy in organic semiconductors. <i>Chemical Communications</i> , 2019 , 55, 2384-2387 | 5.8 | 6 |
| 31 | Learning (from) the Electron Density: Transferability, Conformational and Chemical Diversity. <i>Chimia</i> , 2020 , 74, 232-236 | 1.3 | 6 |
| 30 | Probing Substrate Scope with Molecular Volcanoes. <i>Organic Letters</i> , 2020 , 22, 7936-7941 | 6.2 | 6 |
| 29 | Quantum Chemistry Meets Machine Learning. <i>Chimia</i> , 2019 , 73, 983-989 | 1.3 | 6 |
| 28 | Helical electronic transitions of spiroconjugated molecules. <i>Chemical Communications</i> , 2021 , 57, 6408-6 | 44.8 | 6 |
| 27 | Tuning the Thermal Stability and Photoisomerization of Azoheteroarenes through Macrocycle Strain*. <i>Chemistry - A European Journal</i> , 2021 , 27, 419-426 | 4.8 | 6 |
| 26 | Photoproduction of Hydrogen by Decamethylruthenocene Combined with Electrochemical Recycling. <i>Angewandte Chemie</i> , 2017 , 129, 2364-2367 | 3.6 | 5 |
| 25 | Analyzing Fluxional Molecules Using DORI. Journal of Chemical Theory and Computation, 2018, 14, 2370 | -263279 | 5 |
| 24 | Correlation between Optical Activity and the Helical Molecular Orbitals of Allene and Cumulenes. <i>Organic Letters</i> , 2020 , 22, 8028-8033 | 6.2 | 5 |

| 23 | Identifying the Trade-off between Intramolecular Singlet Fission Requirements in Donor Acceptor Copolymers. <i>Chemistry of Materials</i> , 2021 , 33, 2567-2575 | 9.6 | 5 |
|----|---|----------|-----|
| 22 | Structure-Property Relationships in Bithiophenes with Hydrogen-Bonded Substituents. <i>Chemistry - A European Journal</i> , 2021 , 27, 3348-3360 | 4.8 | 5 |
| 21 | Direct Observation of Aggregation-Induced Emission Mechanism. <i>Angewandte Chemie</i> , 2020 , 132, 150 | 133.1650 | 195 |
| 20 | Enhancing the power conversion efficiency of dye-sensitized solar cells via molecular plasmon-like excitations. <i>Chemical Communications</i> , 2017 , 53, 2423-2426 | 5.8 | 4 |
| 19 | Crystallization and Organic Field-Effect Transistor Performance of a Hydrogen-Bonded Quaterthiophene. <i>Chemistry - A European Journal</i> , 2020 , 26, 10265-10275 | 4.8 | 4 |
| 18 | Mechanistic Study on the Photogeneration of Hydrogen by Decamethylruthenocene. <i>Chemistry - A European Journal</i> , 2019 , 25, 12769-12779 | 4.8 | 4 |
| 17 | Can five-membered Te2N2S rings be considered aromatic?. Structural Chemistry, 2007, 18, 841-847 | 1.8 | 3 |
| 16 | The Photoisomerization Pathway(s) of Push-Pull Phenylazoheteroarenes*. <i>Chemistry - A European Journal</i> , 2020 , 26, 14724-14729 | 4.8 | 3 |
| 15 | Pushing the Limits of the Donor-Acceptor Copolymer Strategy for Intramolecular Singlet Fission. Journal of Physical Chemistry Letters, 2021 , 12, 7270-7277 | 6.4 | 3 |
| 14 | 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 | 6.4 | 2 |
| 13 | Heteroatom oxidation controls singlet-triplet energy splitting in singlet fission building blocks <i>Chemical Communications</i> , 2022 , | 5.8 | 2 |
| 12 | Impact of quantum-chemical metrics on the machine learning prediction of electron density. <i>Journal of Chemical Physics</i> , 2021 , 155, 024107 | 3.9 | 2 |
| 11 | Tuning the EAccepting Properties of Mesoionic Carbenes: A Combined Computational and Experimental Study. <i>Chemistry - A European Journal</i> , 2021 , 27, 11983-11988 | 4.8 | 2 |
| 10 | 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 | 3.8 | 2 |
| 9 | Machine intelligence for chemical reaction space. Wiley Interdisciplinary Reviews: Computational Molecular Science, | 7.9 | 2 |
| 8 | 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 | 9.6 | 2 |
| 7 | FB-ECDA: Fragment-based Electronic Coupling Decomposition Analysis for Organic Amorphous Semiconductors. <i>Journal of Physical Chemistry A</i> , 2020 , 124, 10624-10634 | 2.8 | 1 |
| 6 | 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 | 6.4 | 1 |

LIST OF PUBLICATIONS

| 5 | Assessing the persistence of chalcogen bonds in solution with neural network potentials <i>Journal of Chemical Physics</i> , 2022 , 156, 154112 | 3.9 | 1 |
|---|--|-----|---|
| 4 | Learning the Exciton Properties of Azo-dyes. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 5957-5962 | 6.4 | O |
| 3 | Uncovering the Activity of Alkaline Earth Metal Hydrogenation Catalysis Through Molecular Volcano Plots <i>Topics in Catalysis</i> , 2022 , 65, 289-295 | 2.3 | О |
| 2 | Methoxycyclization of 1,5-Enynes by Coinage Metal Catalysts: Is Gold Always Superior?. <i>Helvetica Chimica Acta</i> ,e2100134 | 2 | Ο |
| 1 | DonorAcceptorDonor Hot ExcitonTriads for High Reverse Intersystem Crossing in OLEDs. Advanced Optical Materials, 2200509 | 8.1 | O |