

# Kuan-Yu Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3649902/publications.pdf>

Version: 2024-02-01

8  
papers

762  
citations

1163117  
8  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

600  
citing authors

#	ARTICLE	IF	CITATIONS
1	Software for the frontiers of quantum chemistry: An overview of developments in the Q-Chem 5 package. <i>Journal of Chemical Physics</i> , 2021, 155, 084801.	3.0	518
2	Energy-Screened Many-Body Expansion: A Practical Yet Accurate Fragmentation Method for Quantum Chemistry. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 475-487.	5.3	48
3	Self-consistent charge embedding at very low cost, with application to symmetry-adapted perturbation theory. <i>Journal of Chemical Physics</i> , 2019, 151, 031102.	3.0	17
4	Variational Formulation of the Generalized Many-Body Expansion with Self-Consistent Charge Embedding: Simple and Correct Analytic Energy Gradient for Fragment-Based <i>ab Initio</i> Molecular Dynamics. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 3877-3886.	4.6	19
5	Accurate and Efficient <i>ab Initio</i> Calculations for Supramolecular Complexes: Symmetry-Adapted Perturbation Theory with Many-Body Dispersion. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2706-2714.	4.6	51
6	Accuracy of finite-difference harmonic frequencies in density functional theory. <i>Journal of Computational Chemistry</i> , 2017, 38, 1678-1684.	3.3	14
7	Understanding the many-body expansion for large systems. III. Critical role of four-body terms, counterpoise corrections, and cutoffs. <i>Journal of Chemical Physics</i> , 2017, 147, 161729.	3.0	30
8	Understanding the many-body expansion for large systems. II. Accuracy considerations. <i>Journal of Chemical Physics</i> , 2016, 144, 164105.	3.0	65