

# Sungwoo Kang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6621099/publications.pdf>

Version: 2024-02-01

8  
papers

88  
citations

1684188  
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1588992  
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8  
all docs

8  
docs citations

8  
times ranked

104  
citing authors

#	ARTICLE	IF	CITATIONS
1	Circularly Polarized Light Can Override and Amplify Asymmetry in Supramolecular Helices. <i>Journal of the American Chemical Society</i> , 2022, 144, 2657-2666.	13.7	20
2	ACE-Molecule: An open-source real-space quantum chemistry package. <i>Journal of Chemical Physics</i> , 2020, 152, 124110.	3.0	9
3	Holistic Approach to the Mechanism Study of Thermal Degradation of Organic Light-Emitting Diode Materials. <i>Journal of Physical Chemistry A</i> , 2020, 124, 9589-9596.	2.5	1
4	Study of Li Adsorption on Graphdiyne Using Hybrid DFT Calculations. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 2677-2683.	8.0	33
5	Kohn-Sham approach for fast hybrid density functional calculations in real-space numerical grid methods. <i>Computer Physics Communications</i> , 2018, 230, 21-26.	7.5	3
6	Non-empirical atomistic dipole-interaction-model for quantum plasmon simulation of nanoparticles. <i>Scientific Reports</i> , 2017, 7, 15775.	3.3	6
7	Update to ACE-molecule: Projector augmented wave method on lagrange-sinc basis set. <i>International Journal of Quantum Chemistry</i> , 2016, 116, 644-650.	2.0	9
8	Improvement of initial guess via grid-cutting for efficient grid-based density functional calculations. <i>International Journal of Quantum Chemistry</i> , 2016, 116, 1397-1403.	2.0	7