

# Xin Xing

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2134236/publications.pdf>

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7  
papers

30  
citations

1937685  
4  
h-index

1872680  
6  
g-index

7  
all docs

7  
docs citations

7  
times ranked

24  
citing authors

#	ARTICLE	IF	CITATIONS
1	A hierarchical matrix approach for computing hydrodynamic interactions. Journal of Computational Physics, 2022, 448, 110761.	3.8	0
2	Staggered Mesh Method for Correlation Energy Calculations of Solids: Random Phase Approximation in Direct Ring Coupled Cluster Doubles and Adiabatic Connection Formalisms. Journal of Chemical Theory and Computation, 2022, 18, 763-775.	5.3	7
3	H2Pack. ACM Transactions on Mathematical Software, 2021, 47, 1-29.	2.9	6
4	Staggered Mesh Method for Correlation Energy Calculations of Solids: Second-Order Møller-Plesset Perturbation Theory. Journal of Chemical Theory and Computation, 2021, 17, 4733-4745.	5.3	6
5	Error analysis of an accelerated interpolative decomposition for 3D Laplace problems. Applied and Computational Harmonic Analysis, 2020, 49, 316-327.	2.2	1
6	A linear scaling hierarchical block low-rank representation of the electron repulsion integral tensor. Journal of Chemical Physics, 2020, 153, 084119.	3.0	1
7	Interpolative Decomposition via Proxy Points for Kernel Matrices. SIAM Journal on Matrix Analysis and Applications, 2020, 41, 221-243.	1.4	9