

# Qiang Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8975117/publications.pdf>

Version: 2024-02-01

7  
papers

88  
citations

1478505

6  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

52  
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale ab initio simulations for periodic system. Computer Physics Communications, 2018, 233, 78-83.	7.5	23
2	Nonlocal kinetic energy density functionals for isolated systems obtained via local density approximation kernels. Physical Review B, 2020, 101, .	3.2	20
3	Nonlocal kinetic energy density functional via line integrals and its application to orbital-free density functional theory. Physical Review B, 2019, 100, .	3.2	13
4	<i>Ab initio</i> electronic structure calculations using a real-space Chebyshev-filtered subspace iteration method. Journal of Physics Condensed Matter, 2019, 31, 455901.	1.8	11
5	Nonlocal pseudopotential energy density functional for orbital-free density functional theory. Nature Communications, 2022, 13, 1385.	12.8	10
6	$O(N \log N)$ scaling method to evaluate the ion-electron potential of crystalline solids. Journal of Chemical Physics, 2016, 145, 184110.	3.0	7
7	Predicted lithium-iron compounds under high pressure. RSC Advances, 2016, 6, 66721-66728.	3.6	4