Xu Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8836691/publications.pdf

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8	78	1478458 6	1588975 8
papers	citations	h-index	g-index

8	8	8	91
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polysulfide intercalation in bilayer-structured graphitic C₃N₄: a first-principles study. Physical Chemistry Chemical Physics, 2017, 19, 32708-32714.	2.8	19
2	Effect of phosphorous-doped graphitic carbon nitride on electrochemical properties of lithium-sulfur battery. Ionics, 2020, 26, 5491-5501.	2.4	17
3	Understanding the anchoring and catalytic effect of the Co@C₂N monolayer in lithiumâ€“selenium batteries: a first-principles study. Nanoscale, 2021, 13, 16316-16323.	5.6	10
4	Effect of pore structures on desolvation of carbon materials as the electrode materials of supercapacitors: A first-principles study. Computational Materials Science, 2022, 202, 110983.	3.0	10
5	Insights into the effect of the interlayer spacings of bilayer graphene on the desolvation of H⁺, Li⁺, Na⁺, and K⁺ ions with water as a solvent: a first-principles study. Physical Chemistry Chemical Physics, 2019, 21, 23697-23704.	2.8	9
6	Unraveling the superior anchoring of lithium polyselenides to the confinement bilayer C₂N: an efficient host material for lithiumâ€“selenium batteries. Physical Chemistry Chemical Physics, 2021, 23, 26981-26989.	2.8	7
7	Insights into the effect of hydroxyl-, epoxy-, and carboxyl-pores on the desolvation of K+ with water as a solvent: a first-principles study. Journal of Physics Condensed Matter, 2021, 33, 445201.	1.8	4
8	Insights into the effect of nitrogen-doped nanopores on the desolvation of solvated Li+ and Na+ structures in aqueous solutions: A first-principles study. Applied Surface Science, 2022, 574, 151374.	6.1	2