

Jin Feng

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

280
citations

1040056

9
h-index

940533

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16
all docs

16
docs citations

16
times ranked

373
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Assembled Chiral Phosphorescent Microflowers from Au Nanoclusters with Dual-Mode pH Sensing and Information Encryption. ACS Nano, 2021, 15, 4947-4955.	14.6	44
2	Where do photogenerated holes at the g-C ₃ N ₄ /water interface go for water splitting: H ₂ O or OH [•] ?. Nanoscale, 2018, 10, 15624-15631.	5.6	39
3	Influence of functional groups on water splitting in carbon nanodot and graphitic carbon nitride composites: a theoretical mechanism study. Physical Chemistry Chemical Physics, 2017, 19, 4997-5003.	2.8	34
4	Optical properties of acene molecules and pentacene crystal from the many-body Green's function method. Physical Chemistry Chemical Physics, 2016, 18, 30777-30784.	2.8	32
5	A new energy transfer channel from carotenoids to chlorophylls in purple bacteria. Nature Communications, 2017, 8, 71.	12.8	32
6	Passivated Codoping Can Improve the Solar-to-Hydrogen Efficiency of Graphitic Carbon Nitride. Journal of Physical Chemistry C, 2018, 122, 7296-7302.	3.1	20
7	Fabrication of a Luminescent Supramolecular Hydrogel Based on the AIE Strategy of Gold Nanoclusters and their Application as a Luminescence Switch. Journal of Physical Chemistry C, 2020, 124, 23844-23851.	3.1	18
8	Origin of the deep band-gap state in TiO_2 (110): d - d bonds between Ti-Ti pairs. Physical Review B, 2018, 98, .	3.2	14
9	Fabrication of a chiral luminescent hydrogel from gold nanoclusters <i>via</i> molecular recognition. Chemical Communications, 2021, 57, 10202-10205.	4.1	13
10	Electronic energy transfer studied by many-body Green's function theory. Journal of Chemical Physics, 2019, 150, 164107.	3.0	9
11	An Open-Framework Structured Material: $[\text{Ni(en)}_2]_3[\text{Fe(CN)}_6]_2$ as a Cathode Material for Aqueous Sodium- and Potassium-Ion Batteries. ACS Applied Materials & Interfaces, 2022, 14, 16197-16203.	8.0	6
12	Design of an efficient photocatalyst: a type II heterojunction for enhanced hydrogen production driven by visible light. Physical Chemistry Chemical Physics, 2021, 23, 11893-11899.	2.8	5
13	How size, edge shape, functional groups and embeddedness influence the electronic structure and partial optical properties of graphene nanoribbons. Physical Chemistry Chemical Physics, 2021, 23, 20695-20701.	2.8	5
14	A sensitive chemosensor for nitro-containing compounds based on Au nanoclusters/Ba ²⁺ co-assembly system: The crucial role of ligands to metal charge transfer. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 627, 127160.	4.7	3
15	Graphitic carbon nitride nanodots: electronic structure and its influence factors. Journal of Materials Science, 2020, 55, 5488-5498.	3.7	3
16	Decarbonylative Issues Involved in Ru(II)-Catalyzed [6+2+1] Annulation Reaction of Hydroxychromone with Alkyne: A DFT Study. European Journal of Organic Chemistry, 2021, 2021, 266-273.	2.4	3