

Hui-Qing Peng

List of Publications by Year in descending order

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35
papers

2,949
citations

218677

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395702

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36
all docs

36
docs citations

36
times ranked

4374
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulation of Aggregation-Induced Emission by Excitation Energy Transfer: Design and Application. Topics in Current Chemistry Collections, 2022, , 1-41.	0.5	0
2	Plasma-induced transformation: a new strategy to <i>in situ</i> engineer MOF-derived heterointerface for high-efficiency electrochemical hydrogen evolution. Journal of Materials Chemistry A, 2022, 10, 6596-6606.	10.3	6
3	Hierarchical trace copper incorporation activated cobalt layered double hydroxide as a highly selective methanol conversion electrocatalyst to realize energy-matched photovoltaic-electrocatalytic formate and hydrogen co-production. Journal of Materials Chemistry A, 2022, 10, 19649-19661.	10.3	12
4	Modulation of Aggregation-Induced Emission by Excitation Energy Transfer: Design and Application. Topics in Current Chemistry, 2021, 379, 18.	5.8	7
5	Nanostructured and Boron-Doped Diamond as an Electrocatalyst for Nitrogen Fixation. ACS Energy Letters, 2020, 5, 2590-2596.	17.4	55
6	Simultaneously boosting the conjugation, brightness and solubility of organic fluorophores by using AIEgens. Chemical Science, 2020, 11, 8438-8447.	7.4	32
7	Highly stable and bright AIE dots for NIR-II deciphering of living rats. Nano Today, 2020, 34, 100893.	11.9	53
8	Defect engineering of nanostructured electrocatalysts for enhancing nitrogen reduction. Journal of Materials Chemistry A, 2020, 8, 7457-7473.	10.3	41
9	Bioinspired Simultaneous Changes in Fluorescence Color, Brightness, and Shape of Hydrogels Enabled by AIEgens. Advanced Materials, 2020, 32, e1906493.	21.0	160
10	A Functioning Macroscopic "Rubik's Cube" Assembled via Controllable Dynamic Covalent Interactions. Advanced Materials, 2019, 31, e1902365.	21.0	84
11	Aggregation-Induced Nonlinear Optical Effects of AIEgen Nanocrystals for Ultradeep In Vivo Bioimaging. Advanced Materials, 2019, 31, e1904799.	21.0	126
12	Supramolecular Polymerization with Dynamic Self-Sorting Sequence Control. Macromolecules, 2019, 52, 8814-8825.	4.8	40
13	Hydrogels: A Functioning Macroscopic "Rubik's Cube" Assembled via Controllable Dynamic Covalent Interactions (Adv. Mater. 40/2019). Advanced Materials, 2019, 31, 1970286.	21.0	0
14	"Seeing" and Controlling Photoisomerization by <i>Z</i> -/ <i>E</i> -Isomers with Aggregation-Induced Emission Characteristics. ACS Nano, 2019, 13, 12120-12126.	14.6	36
15	<i>In situ</i> nitridated porous nanosheet networked Co ₃ O ₄ @Co ₄ N heteronanostructures supported on hydrophilic carbon cloth for highly efficient electrochemical hydrogen evolution. Journal of Materials Chemistry A, 2019, 7, 775-782.	10.3	63
16	Highly effective photocatalytic performance of {001}-TiO ₂ /MoS ₂ /RGO hybrid heterostructures for the reduction of Rh B. RSC Advances, 2019, 9, 15033-15041.	3.6	10
17	Nitrogen-Doped Graphene-Encapsulated Nickel-Copper Alloy Nanoflower for Highly Efficient Electrochemical Hydrogen Evolution Reaction. Small, 2019, 15, e1901545.	10.0	50
18	Hydrogen Evolution Reaction: Nitrogen-Doped Graphene-Encapsulated Nickel-Copper Alloy Nanoflower for Highly Efficient Electrochemical Hydrogen Evolution Reaction (Small 48/2019). Small, 2019, 15, 1970260.	10.0	11

#	ARTICLE	IF	CITATIONS
19	Visualizing the Initial Step of Self-Assembly and the Phase Transition by Stereogenic Amphiphiles with Aggregation-Induced Emission. ACS Nano, 2019, 13, 839-846.	14.6	77
20	Artificial light-harvesting supramolecular polymeric nanoparticles formed by pillar[5]arene-based host-guest interaction. Chemical Communications, 2018, 54, 1117-1120.	4.1	92
21	Feroxyhyte Nanosheets: Iron Vacancies Induced Bifunctionality in Ultrathin Ferroxyhyte Nanosheets for Overall Water Splitting (Adv. Mater. 36/2018). Advanced Materials, 2018, 30, 1870272.	21.0	22
22	Iron Vacancies Induced Bifunctionality in Ultrathin Ferroxyhyte Nanosheets for Overall Water Splitting. Advanced Materials, 2018, 30, e1803144.	21.0	225
23	Unconventional Nickel Nitride Enriched with Nitrogen Vacancies as a High-Efficiency Electrocatalyst for Hydrogen Evolution. Advanced Science, 2018, 5, 1800406.	11.2	163
24	Nickel-Cobalt Diselenide 3D Mesoporous Nanosheet Networks Supported on Ni Foam: An All-pH Highly Efficient Integrated Electrocatalyst for Hydrogen Evolution. Advanced Materials, 2017, 29, 1606521.	21.0	370
25	Electrocatalysts: Nickel-Cobalt Diselenide 3D Mesoporous Nanosheet Networks Supported on Ni Foam: An All-pH Highly Efficient Integrated Electrocatalyst for Hydrogen Evolution (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT#6 Overloc	21.0	370
26	Mesoporous Nanosheet Networked Hybrids of Cobalt Oxide and Cobalt Phosphate for Efficient Electrochemical and Photoelectrochemical Oxygen Evolution. Small, 2017, 13, 1701875.	10.0	66
27	Dramatic Differences in Aggregation-Induced Emission and Supramolecular Polymerizability of Tetraphenylethene-Based Stereoisomers. Journal of the American Chemical Society, 2017, 139, 10150-10156.	13.7	170
28	A Hydrogen-Bonded-Supramolecular-Polymer-Based Nanoprobe for Ratiometric Oxygen Sensing in Living Cells. Advanced Functional Materials, 2016, 26, 5419-5425.	14.9	67
29	Supramolecular Polymeric Fluorescent Nanoparticles Based on Quadruple Hydrogen Bonds. Advanced Functional Materials, 2016, 26, 5483-5489.	14.9	105
30	Biosensing: A Hydrogen-Bonded-Supramolecular-Polymer-Based Nanoprobe for Ratiometric Oxygen Sensing in Living Cells (Adv. Funct. Mater. 30/2016). Advanced Functional Materials, 2016, 26, 5580-5580.	14.9	0
31	Biological Applications of Supramolecular Assemblies Designed for Excitation Energy Transfer. Chemical Reviews, 2015, 115, 7502-7542.	47.7	413
32	Water-dispersible nanospheres of hydrogen-bonded supramolecular polymers and their application for mimicking light-harvesting systems. Chemical Communications, 2014, 50, 1334-1337.	4.1	118
33	Convenient Synthesis of Functionalized Bis-ureidopyrimidinones Based on Thiol-yne Reaction. Chemistry - A European Journal, 2014, 20, 11699-11702.	3.3	16
34	Water-soluble, membrane-permeable organic fluorescent nanoparticles with large tunability in emission wavelengths and Stokes shifts. Chemical Communications, 2013, 49, 5877.	4.1	26
35	Artificial Light-Harvesting System Based on Multifunctional Surface-Cross-Linked Micelles. Angewandte Chemie - International Edition, 2012, 51, 2088-2092.	13.8	146