

Feng Yin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8036134/publications.pdf>

Version: 2024-02-01

51
papers

1,761
citations

361413

20
h-index

265206

42
g-index

51
all docs

51
docs citations

51
times ranked

2710
citing authors

#	ARTICLE	IF	CITATIONS
1	High-resolution detection of Au catalyst atoms in Si nanowires. <i>Nature Nanotechnology</i> , 2008, 3, 168-173.	31.5	575
2	Fabrication of conductive graphene oxide-WO ₃ composite nanofibers by electrospinning and their enhanced acetone gas sensing properties. <i>Sensors and Actuators B: Chemical</i> , 2018, 264, 128-138.	7.8	121
3	Structures and optical properties of 4-5 nm bimetallic AgAu nanoparticles. <i>Faraday Discussions</i> , 2008, 138, 363-373.	3.2	103
4	Controlled Formation of Mass-Selected Cu-Au Core-Shell Cluster Beams. <i>Journal of the American Chemical Society</i> , 2011, 133, 10325-10327.	13.7	84
5	Synthesis of porous NiO-In ₂ O ₃ composite nanofibers by electrospinning and their highly enhanced gas sensing properties. <i>Journal of Alloys and Compounds</i> , 2017, 699, 567-574.	5.5	57
6	Emerging uniform Cu ₂ O nanocubes for 251st harmonic ultrashort pulse generation. <i>Journal of Materials Chemistry C</i> , 2020, 8, 14386-14392.	5.5	57
7	Counting the Atoms in Supported, Monolayer-Protected Gold Clusters. <i>Journal of the American Chemical Society</i> , 2010, 132, 2854-2855.	13.7	56
8	Note: Proof of principle of a new type of cluster beam source with potential for scale-up. <i>Review of Scientific Instruments</i> , 2016, 87, 046103.	1.3	56
9	Crystal facet-dependent p-type and n-type sensing responses of TiO ₂ nanocrystals. <i>Sensors and Actuators B: Chemical</i> , 2018, 263, 557-567.	7.8	48
10	The C ₆₀ /Au(111) interface at room temperature: A scanning tunnelling microscopy study. <i>Surface Science</i> , 2008, 602, 885-892.	1.9	46
11	Abnormal p-type sensing response of TiO ₂ nanosheets with exposed {001} facets. <i>Journal of Alloys and Compounds</i> , 2017, 705, 112-117.	5.5	43
12	The cluster beam route to model catalysts and beyond. <i>Faraday Discussions</i> , 2016, 188, 39-56.	3.2	39
13	Hierarchical Bi ₂ WO ₆ architectures decorated with Pd nanoparticles for enhanced visible-light-driven photocatalytic activities. <i>Applied Surface Science</i> , 2017, 404, 282-290.	6.1	36
14	Beyond the Herringbone Reconstruction: Magic Gold Fingers. <i>Small</i> , 2004, 1, 76-79.	10.0	31
15	Size-dependent propagation of Au nanoclusters through few-layer graphene. <i>Nanoscale</i> , 2014, 6, 1258-1263.	5.6	31
16	Size control of Au nanoparticles from the scalable and solvent-free matrix assembly cluster source. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	1.9	27
17	The enhanced activity of Pt-Ce nanoalloy for oxygen electroreduction. <i>Scientific Reports</i> , 2020, 10, 14837.	3.3	26
18	Communication: Suppression of sintering of size-selected Pd clusters under realistic reaction conditions for catalysis. <i>Journal of Chemical Physics</i> , 2011, 134, 141101.	3.0	25

#	ARTICLE	IF	CITATIONS
19	Co/N-doped carbon nanotubes-grafted porous carbon sheets architecture as efficient electrocatalyst for oxygen reduction reaction. <i>Journal of Alloys and Compounds</i> , 2021, 871, 159566.	5.5	25
20	Ageing of mass-selected Cu/Au and Au/Cu core/shell clusters probed with atomic resolution. <i>Journal of Experimental Nanoscience</i> , 2012, 7, 703-710.	2.4	23
21	Tunable strain drives the activity enhancement for oxygen reduction reaction on Pd@Pt core-shell electrocatalysts. <i>Journal of Power Sources</i> , 2021, 485, 229340.	7.8	21
22	Faceting of nanoscale fingers on the (111) surface of gold. <i>Surface Science</i> , 2006, 600, 1504-1509.	1.9	19
23	Nanoscale surface recrystallization driven by localized electric field. <i>Physical Review B</i> , 2006, 73, .	3.2	19
24	Bright Beaches of Nanoscale Potassium Islands on Graphite in STM Imaging. <i>Physical Review Letters</i> , 2009, 102, 106102.	7.8	18
25	Enhanced photocatalytic activity of flowerlike CuO@ZnO nanocomposites synthesized by one-step hydrothermal method. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 10667-10672.	2.2	16
26	High-Temperature Stability of Size-Selected Gold Nanoclusters Pinned on Graphite. <i>Advanced Materials</i> , 2005, 17, 731-734.	21.0	15
27	PtGd/Gd ₂ O ₃ alloy/metal oxide composite catalyst for methanol oxidation reaction. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 25782-25789.	7.1	14
28	Ni ²⁺ -Directed Anisotropic Growth of PtCu Nested Skeleton Cubes Boosting Electroreduction of Oxygen. <i>Advanced Science</i> , 2022, 9, e2104927.	11.2	14
29	Photoluminescence Enhancement of Porous Silicon by Organic Cyano Compounds. <i>Journal of Physical Chemistry B</i> , 1998, 102, 7978-7982.	2.6	12
30	Pt Diffusion Dynamics for the Formation of Pt Core-Shell Nanoparticles. <i>Langmuir</i> , 2015, 31, 6917-6923.	3.5	12
31	Liquid phase deposition of supramolecular monolayers of zinc porphyrin molecules on graphite. <i>Journal of Physics Condensed Matter</i> , 2003, 15, S3127-S3138.	1.8	11
32	Formation of bimetallic nanoalloys by Au coating of size-selected Cu clusters. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	9
33	Enhanced Immobilization of Gold Nanoclusters on Graphite. <i>Journal of Physical Chemistry A</i> , 2014, 118, 8182-8187.	2.5	9
34	Real-space Wigner-Seitz Cells Imaging of Potassium on Graphite via Elastic Atomic Manipulation. <i>Scientific Reports</i> , 2015, 5, 8276.	3.3	8
35	Investigation on the surface reactivity of luminescent porous silicon. <i>Applied Surface Science</i> , 1997, 119, 310-312.	6.1	7
36	Photoelectrochemical studies of H ₂ evolution in aqueous methanol solution photocatalysed by Q-ZnS particles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1999, 125, 135-138.	3.9	7

#	ARTICLE	IF	CITATIONS
37	Nanostructured Gold Surfaces Fabricated with the Scanning Tunnelling Microscope. Japanese Journal of Applied Physics, 2006, 45, 2053-2055.	1.5	7
38	Simple metal under tensile stress: layer-dependent herringbone reconstruction of thin potassium films on graphite. Scientific Reports, 2015, 5, 10165.	3.3	5
39	Angular dependence of nanoparticle generation in the matrix assembly cluster source. Nano Research, 2019, 12, 3069-3074.	10.4	5
40	Studies on the interfacial charge transfer processes of nanocrystalline CdSe thin film electrodes by intensity modulated photocurrent spectroscopy. Science in China Series B: Chemistry, 2000, 43, 443-449.	0.8	4
41	Rare Earth Gadolinium-Modified Platinum-Based Bimetallic Nanomaterial as a Cathodic Catalyst for the Oxygen Reduction Reaction. Energy & Fuels, 2021, 35, 14868-14875.	5.1	4
42	Optimized oxygen reduction activity by tuning shell component in Pd@Pt-based core-shell electrocatalysts. Journal of Colloid and Interface Science, 2021, 604, 301-309.	9.4	4
43	Effect of Chemical Treatment on TiO ₂ Particles by IMPS. Chinese Journal of Chemistry, 2002, 20, 978-982.	4.9	3
44	Three-dimensionally Hierarchical Bi ₂ WO ₆ Architectures with Enhanced Photocatalytic Activity. Nano, 2016, 11, 1650135.	1.0	3
45	Effects of 9-cyanoanthracene and anthracene adsorption on the photoluminescence of porous silicon. Journal of Photochemistry and Photobiology A: Chemistry, 1998, 112, 59-61.	3.9	2
46	Interfacial Charge Transfer Behaviors of Nanoparticulate CdSe Thin Film Electrodes. Zeitschrift Fur Physikalische Chemie, 1999, 213, 1-7.	2.8	2
47	Critical stability of gold nanofingers on a zero-gradient stepped surface. Journal of Physics Condensed Matter, 2009, 21, 445001.	1.8	2
48	Enhancement of the photoluminescence intensity of porous silicon by absorbed organic molecule. Science Bulletin, 1998, 43, 616-616.	1.7	0
49	Photoluminescence Quenching of Porous Silicon by Molecule Adsorption. Chinese Physics Letters, 1998, 15, 756-757.	3.3	0
50	Towards nanostructured graphene through the deposition of size-selected clusters. , 2012, , .		0
51	Non-covalent Immobilization of Desmoplakin Plakin Domain Molecules by Size-Selected Clusters for AFM Imaging. BioNanoScience, 2014, 4, 97-103.	3.5	0