

Hua Dong

List of Publications by Year in descending order

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29
papers

2,046
citations

471509

17
h-index

454955

30
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30
all docs

30
docs citations

30
times ranked

2518
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospun Porous Structure Fibrous Film with High Oil Adsorption Capacity. ACS Applied Materials & Interfaces, 2012, 4, 3207-3212.	8.0	405
2	A Biomimetic Potassium Responsive Nanochannel: G-Quadruplex DNA Conformational Switching in a Synthetic Nanopore. Journal of the American Chemical Society, 2009, 131, 7800-7805.	13.7	316
3	Unidirectional water-penetration composite fibrous film via electrospinning. Soft Matter, 2012, 8, 5996.	2.7	275
4	A pH-Gating Ionic Transport Nanodevice: Asymmetric Chemical Modification of Single Nanochannels. Advanced Materials, 2010, 22, 2440-2443.	21.0	203
5	Bioinspired Electrospun Knotted Microfibers for Fog Harvesting. ChemPhysChem, 2012, 13, 1153-1156.	2.1	102
6	Fabrication of Stable Single Nanochannels with Controllable Ionic Rectification. Small, 2010, 6, 361-365.	10.0	97
7	Switching on prodrugs using radiotherapy. Nature Chemistry, 2021, 13, 805-810.	13.6	91
8	3D human liver tissue from pluripotent stem cells displays stable phenotype in vitro and supports compromised liver function in vivo. Archives of Toxicology, 2018, 92, 3117-3129.	4.2	89
9	Fabrication of Hierarchically Porous Inorganic Nanofibers by a General Microemulsion Electrospinning Approach. Small, 2011, 7, 1779-1783.	10.0	84
10	Ultrasmall Ru nanoparticles supported on chitin nanofibers for hydrogen production from NaBH ₄ hydrolysis. Chinese Chemical Letters, 2020, 31, 2019-2022.	9.0	52
11	Highly Efficient Fog Collection Unit by Integrating Artificial Spider Silks. Advanced Materials Interfaces, 2016, 3, 1500831.	3.7	39
12	Catalytic hydrolysis of NaBH ₄ over titanate nanotube supported Co for hydrogen production. International Journal of Hydrogen Energy, 2022, 47, 5260-5268.	7.1	39
13	Poly(acrylic acid)-modified silica nanoparticles as a nonmetal catalyst for NaBH ₄ methanolysis. International Journal of Hydrogen Energy, 2021, 46, 23236-23244.	7.1	38
14	Efficient hydrogen production from ammonia borane hydrolysis catalyzed by TiO ₂ -supported RuCo catalysts. International Journal of Hydrogen Energy, 2021, 46, 3964-3973.	7.1	33
15	Highly dispersed Ru/Co catalyst with enhanced activity for catalyzing NaBH ₄ hydrolysis in alkaline solutions. Chinese Chemical Letters, 2020, 31, 2512-2515.	9.0	25
16	Scab-Inspired Cytophilic Membrane of Anisotropic Nanofibers for Rapid Wound Healing. ACS Applied Materials & Interfaces, 2013, 5, 4821-4826.	8.0	23
17	Assembly of FOF1-ATPase into solid state nanoporous membrane. Chemical Communications, 2011, 47, 3102.	4.1	21
18	Cartilage Tissue Engineering Using Combination of Chitosan Hydrogel and Mesenchymal Stem Cells. Journal of Chemistry, 2015, 2015, 1-6.	1.9	17

#	ARTICLE	IF	CITATIONS
19	Hydrogen generation from sodium borohydride hydrolysis promoted by MOF-derived carbon supported cobalt catalysts. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 626, 127033.	4.7	17
20	Protonated Poly(ethylene imine)-Coated Silica Nanoparticles for Promoting Hydrogen Generation from the Hydrolysis of Sodium Borohydride. <i>ChemPlusChem</i> , 2020, 85, 399-404.	2.8	16
21	Acrylic acid grafted porous polycarbonate membrane with smart hydrostatic pressure response to pH. <i>Journal of Materials Chemistry A</i> , 2013, 1, 4642.	10.3	13
22	Stable foam systems for improving oil recovery under high-temperature and high-salt reservoir conditions. <i>Journal of Petroleum Science and Engineering</i> , 2022, 211, 110145.	4.2	10
23	Biaxial stress controlled three-dimensional helical cracks. <i>NPG Asia Materials</i> , 2012, 4, e14-e14.	7.9	9
24	Regenerative Intervertebral Disc Endplate Based on Biomimetic Three-dimensional Scaffolds. <i>Spine</i> , 2017, 42, E260-E266.	2.0	8
25	Ruthenium Nanosheets Decorated Cobalt Foam for Controllable Hydrogen Production from Sodium Borohydride Hydrolysis. <i>Catalysis Letters</i> , 2022, 152, 1386-1391.	2.6	8
26	KCC-1 Supported CuCo Bimetal Catalysts for Promoting Hydrogen Production from Ammonia Borane Hydrolysis. <i>Catalysis Letters</i> , 2022, 152, 2832-2839.	2.6	7
27	Protonated Poly(ethylene imine)-Coated Silica Nanoparticles for Promoting Hydrogen Generation by Hydrolysis of Sodium Borohydride. <i>ChemPlusChem</i> , 2020, 85, 390-390.	2.8	3
28	Steamed bun-derived microporous carbon for oil-water separation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 629, 127389.	4.7	3
29	Interfacial Chiral Selection by Bulk Species. <i>Chemistry - A European Journal</i> , 2014, 20, 7396-7401.	3.3	2