

Hua Dong

List of Publications by Year in descending order

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29
papers

2,046
citations

471509

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454955

30
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docs citations

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times ranked

2518
citing authors

#	ARTICLE	IF	CITATIONS
1	Ruthenium Nanosheets Decorated Cobalt Foam for Controllable Hydrogen Production from Sodium Borohydride Hydrolysis. <i>Catalysis Letters</i> , 2022, 152, 1386-1391.	2.6	8
2	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
3	Catalytic hydrolysis of NaBH ₄ over titanate nanotube supported Co for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 5260-5268.	7.1	39
4	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
5	Efficient hydrogen production from ammonia borane hydrolysis catalyzed by TiO ₂ -supported RuCo catalysts. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 3964-3973.	7.1	33
6	Switching on prodrugs using radiotherapy. <i>Nature Chemistry</i> , 2021, 13, 805-810.	13.6	91
7	Poly(acrylic acid)-modified silica nanoparticles as a nonmetal catalyst for NaBH ₄ methanolysis. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 23236-23244.	7.1	38
8	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
9	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
10	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
11	Ultrasml Ru nanoparticles supported on chitin nanofibers for hydrogen production from NaBH ₄ hydrolysis. <i>Chinese Chemical Letters</i> , 2020, 31, 2019-2022.	9.0	52
12	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
13	Highly dispersed Ru/Co catalyst with enhanced activity for catalyzing NaBH ₄ hydrolysis in alkaline solutions. <i>Chinese Chemical Letters</i> , 2020, 31, 2512-2515.	9.0	25
14	3D human liver tissue from pluripotent stem cells displays stable phenotype in vitro and supports compromised liver function in vivo. <i>Archives of Toxicology</i> , 2018, 92, 3117-3129.	4.2	89
15	Regenerative Intervertebral Disc Endplate Based on Biomimetic Three-dimensional Scaffolds. <i>Spine</i> , 2017, 42, E260-E266.	2.0	8
16	Highly Efficient Fog Collection Unit by Integrating Artificial Spider Silks. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500831.	3.7	39
17	Cartilage Tissue Engineering Using Combination of Chitosan Hydrogel and Mesenchymal Stem Cells. <i>Journal of Chemistry</i> , 2015, 2015, 1-6.	1.9	17
18	Interfacial Chiral Selection by Bulk Species. <i>Chemistry - A European Journal</i> , 2014, 20, 7396-7401.	3.3	2

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19	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
20	Scab-Inspired Cytophilic Membrane of Anisotropic Nanofibers for Rapid Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 4821-4826.	8.0	23
21	Biaxial stress controlled three-dimensional helical cracks. <i>NPG Asia Materials</i> , 2012, 4, e14-e14.	7.9	9
22	Electrospun Porous Structure Fibrous Film with High Oil Adsorption Capacity. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 3207-3212.	8.0	405
23	Unidirectional water-penetration composite fibrous film via electrospinning. <i>Soft Matter</i> , 2012, 8, 5996.	2.7	275
24	Bioinspired Electrospun Knotted Microfibers for Fog Harvesting. <i>ChemPhysChem</i> , 2012, 13, 1153-1156.	2.1	102
25	Assembly of FOF1-ATPase into solid state nanoporous membrane. <i>Chemical Communications</i> , 2011, 47, 3102.	4.1	21
26	Fabrication of Hierarchically Porous Inorganic Nanofibers by a General Microemulsion Electrospinning Approach. <i>Small</i> , 2011, 7, 1779-1783.	10.0	84
27	A pH-Regulating Ionic Transport Nanodevice: Asymmetric Chemical Modification of Single Nanochannels. <i>Advanced Materials</i> , 2010, 22, 2440-2443.	21.0	203
28	Fabrication of Stable Single Nanochannels with Controllable Ionic Rectification. <i>Small</i> , 2010, 6, 361-365.	10.0	97
29	A Biomimetic Potassium Responsive Nanochannel: G-Quadruplex DNA Conformational Switching in a Synthetic Nanopore. <i>Journal of the American Chemical Society</i> , 2009, 131, 7800-7805.	13.7	316