Qiming Li

List of Publications by Year in descending order

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27	745	567281 15	552781 26
papers	citations	h-index	g-index

27	27	27	809
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CoB/open-CNTs catalysts for hydrogen generation from alkaline NaBH4 solution. Chemical Engineering Journal, 2012, 210, 316-324.	12.7	68
2	Syngas generation in a membrane reactor with a highly stable ceramic composite membrane. Catalysis Communications, 2008, 10, 309-312.	3.3	65
3	Preparation of CoB/ZIF-8 supported catalyst by single step reduction and its activity in hydrogen production. International Journal of Hydrogen Energy, 2018, 43, 271-282.	7.1	65
4	Hydrogen generation from hydrolysis of NaBH4 based on high stable NiB/NiFe2O4 catalyst. International Journal of Hydrogen Energy, 2017, 42, 3971-3980.	7.1	61
5	Partial oxidation of methane in BaCe0.1Co0.4Fe0.5O3â˜Î´ membrane reactor. Catalysis Today, 2010, 149, 185-190.	4.4	53
6	Spray deposition of electrospun TiO2 nanoparticles with self-cleaning and transparent properties onto glass. Applied Surface Science, 2013, 276, 390-396.	6.1	48
7	Immobilization of CoCl2 (cobalt chloride) on PAN (polyacrylonitrile) composite nanofiber mesh filled with carbon nanotubes for hydrogen production from hydrolysis of NaBH4 (sodium borohydride). Energy, 2014, 71, 32-39.	8.8	47
8	Single-step fabrication of asymmetric dual-phase composite membranes for oxygen separation. Journal of Membrane Science, 2008, 325, 11-15.	8.2	44
9	Fabrication of porous TiO2 nanofiber and its photocatalytic activity. Materials Research Bulletin, 2011, 46, 2094-2099.	5.2	44
10	Oxygen permeability and stability of BaCe0.1Co0.4Fe0.5O3â˜Î´ oxygen permeable membrane. Separation and Purification Technology, 2010, 73, 38-43.	7.9	36
11	Perovskite oxide absorbents for oxygen separation. AICHE Journal, 2009, 55, 3125-3133.	3.6	35
12	Hydrogen production through hydrolysis of sodium borohydride: Highly dispersed CoB particles immobilized in carbon nanofibers as a novel catalyst. International Journal of Hydrogen Energy, 2020, 45, 32145-32156.	7.1	33
13	Unsteady-state permeation and surface exchange of dual-phase membranes. Solid State Ionics, 2011, 185, 27-31.	2.7	27
14	Preparation of solâ€“gel modified electrospun TiO2 nanofibers for improved photocatalytic decomposition of ethylene. Materials Letters, 2012, 76, 169-172.	2.6	26
15	Preparation of CoB nanoparticles decorated PANI nanotubes as catalysts for hydrogen generation from NaBH4 hydrolysis. Journal of the Taiwan Institute of Chemical Engineers, 2021, 122, 148-156.	5.3	23
16	Synthesis of spinel CuCo2O4 nanoparticles and its application in p-nitrophenol reduction. Journal of Sol-Gel Science and Technology, 2017, 81, 544-555.	2.4	12
17	Investigation of structure and oxygen permeability of Baâ€“Ceâ€“Coâ€“Feâ€“O system. Materials Research Bulletin, 2010, 45, 1112-1117.	5.2	10
18	Preparation of sandwich-structured Ce0.8Sm0.2O1.9-Sm0.6Sr0.4FeO3â˜Î´ ceramic membranes and its oxygen permeability. Chemical Engineering Science, 2019, 199, 210-219.	3.8	10

#	Article	IF	Citations
19	Composition modulation of Cu/Cu2O/CuO nanoparticles supported on carbon for p-nitrophenol reduction. Korean Journal of Chemical Engineering, 2019, 36, 851-859.	2.7	10
20	Preparation of ultrafine Cu1.5Mn1.5O4 spinel nanoparticles and its application in p-nitrophenol reduction. Research on Chemical Intermediates, 2017, 43, 6505-6519.	2.7	9
21	The preparation and oxygen permeability of calcium-doped Baâ€“Srâ€“Caâ€“Coâ€“Feâ€“O perovskite material. Ceramics International, 2015, 41, 12295-12302.	4.8	6
22	Microstructure of SiO2/TiO2 hybrid electrospun nanofibers and their application in dye degradation. Research on Chemical Intermediates, 2016, 42, 7017-7029.	2.7	6
23	Oxygen-permeable ceramic membrane with improved mediate-temperature stability based on partially A-site doped KxSr1-xCo0.8Fe0.2O3-Î´. Journal of Asian Ceramic Societies, 2021, 9, 882-892.	2.3	3
24	Preparation of self-supported dual-phase oxygen permeation membranes via chemical etching method. Materials Research Bulletin, 2013, 48, 1160-1165.	5.2	2
25	Effect of Chlorine Source on the Morphology of Flower-like BiOCl and its Photocatalytic Activity. Journal of Advanced Oxidation Technologies, 2015, 18, .	0.5	1
26	Phase structure and oxygen permeability of BaCe_{0.15}Co_xFe_{0.85â^'x}O_{3â^'Î´} perovskite materials. Materials Research Express, 2019, 6, 026401.	1.6	1
27	Preparation and photocatalytic properties of Zn/Ce/Ti oxide and their composite oxide by the combustion method. Particulate Science and Technology, 2016, 34, 502-507.	2.1	0