Bing Bian

List of Publications by Year
in descending order

32	514	759233 12	677142 22
papers	citations	h-index	g-index

32	32	32	587
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Glucose-sensitive colorimetric sensor based on peroxidase mimics activity of porphyrin-Fe3O4 nanocomposites. Materials Science and Engineering C, 2014, 41, 142-151.	7.3	81
2	Higher catalytic activity of porphyrin functionalized Co3O4 nanostructures for visual and colorimetric detection of H2O2 and glucose. Materials Science and Engineering C, 2014, 43, 321-329.	7.3	48
3	Specific recognition of formaldehyde by a cucurbit[10]uril-based porous supramolecular assembly incorporating adsorbed 1,8-diaminonaphthalene. Journal of Materials Chemistry C, 2019, 7, 1597-1603.	5.5	39
4	Effects of preparation method and Sm₂O₃ promoter on CO methanation by a mesoporous NiOâ€“Sm₂O₃/Al₂O₃ catalyst. New Journal of Chemistry, 2018, 42, 13096-13106.	2.8	38
5	Peroxidase mimetic activity of porphyrin modified ZnFe2O4/reduced graphene oxide and its application for colorimetric detection of H2O2 and glutathione. Colloids and Surfaces B: Biointerfaces, 2019, 181, 567-575.	5.0	36
6	Rapid colorimetric determination of dopamine based on the inhibition of the peroxidase mimicking activity of platinum loaded CoSn(OH)6 nanocubes. Mikrochimica Acta, 2019, 186, 755.	5.0	29
7	Hydrogenation of Phenol to Cyclohexanone over Bifunctional Pd/C-Heteropoly Acid Catalyst in the Liquid Phase. Catalysis Letters, 2019, 149, 2383-2389.	2.6	22
8	A Study of the Interaction Between Cucurbit[8]uril and Alkylâ€Substituted 4â€Pyrrolidinopyridinium Salts. Chemistry - an Asian Journal, 2019, 14, 235-242.	3.3	20
9	Selective recognition and determination of phenylalanine by a fluorescent probe based on cucurbit[8]uril and palmatine. Analytica Chimica Acta, 2020, 1104, 164-171.	5.4	18
10	Enhanced peroxidase-like activity of porphyrin functionalized ZnFe₂O₄ hollow nanospheres for rapid detection of H₂O₂ and glucose. New Journal of Chemistry, 2018, 42, 18189-18200.	2.8	15
11	Supramolecular Fluorescence Probe Based on Twisted Cucurbit[14]uril for Sensing Fungicide Flusilazole. Frontiers in Chemistry, 2019, 7, 154.	3.6	15
12	Effects of In-Process Hydrogenation on Mesophase Development during the Thermal Condensation of Petroleum Aromatic-Rich Fraction. Energy & Fuels, 2018, 32, 5659-5663.	5.1	13
13	Pt and ZnFe₂O₄ Nanoparticles Immobilized on Carbon for the Detection of Glutathione. ACS Applied Nano Materials, 2021, 4, 9479-9488.	5.0	13
14	A MoO_x-doped Ni/3D-SBA-15 catalyst for CO methanation: the effect of a solvent and a MoO_x promoter on the catalytic properties. Sustainable Energy and Fuels, 2020, 4, 3042-3050.	4.9	12
15	A stimuli-responsive supramolecular assembly between inverted cucurbit[7]uril and hemicyanine dye. New Journal of Chemistry, 2018, 42, 15420-15426.	2.8	11
16	Enhanced catalytic performance of CO methanation over VO_x assisted Ni/MCF catalyst. Sustainable Energy and Fuels, 2020, 4, 2396-2403.	4.9	11
17	Controlled Encapsulation and Release of an Organic Guest in the Cavity of Î±,Î±â€²,Î´,Î´â€²â€Tetramethylcucurbit[6]uril. European Journal of Organic Chemistry, 2019, 2019, 1503-1507.	2.4	10
18	Organic Additive Assisted Ordered Mesoporous Ni/Al₂O₃ Catalyst for CO₂ Methanation. ChemistrySelect, 2020, 5, 4913-4919.	1.5	10

#	Article	IF	Citations
19	Supramolecular drug inclusion complex constructed from cucurbit[7]uril and the hepatitis B drug Adefovir. Supramolecular Chemistry, 2019, 31, 260-267.	1.2	9
20	A fluorescent probe based on cucurbit[7]uril for the selective recognition of phenylalanine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 233, 118177.	3.9	9
21	MoO x â€Doped Ordered Mesoporous Ni/Al 2 O 3 Catalyst for CO Methanation. Energy Technology, 2020, 8, 2000165.	3.8	8
22	High-Yield and High-Efficiency Conversion of HMF to Levulinic Acid in a Green and Facile Catalytic Process by a Dual-Function BrÃ¸nsted-Lewis Acid HScCl₄ Catalyst. ACS Omega, 2021, 6, 15940-15947.	3.5	8
23	Alkyl substituted 4-pyrrolidinopyridinium salts encapsulated in the cavity of cucurbit[10]uril. New Journal of Chemistry, 2019, 43, 7028-7034.	2.8	7
24	Supramolecular assemblies controlled by cucurbit[n]uril size (n = 6, 7, 8 and 10). New Journal of Chemistry, 2020, 44, 4311-4318.	2.8	6
25	Supramolecular self-assemblies of inverted cucurbit[7]uril with biogenic amines. New Journal of Chemistry, 2019, 43, 407-412.	2.8	5
26	A hemicyanine and cucurbit[n]uril inclusion complex: competitive guest binding of cucurbit[7]uril and cucurbit[8]uril. Supramolecular Chemistry, 2019, 31, 457-465.	1.2	5
27	One-Pot Synthesis of Anthraquinone Catalyzed by Microwave Acetic Acid Modified HÎ² Zeolite. Catalysis Letters, 2020, 150, 3007-3016.	2.6	5
28	A Study of the Interaction between Cucurbit[7]uril and Alkyl Substituted 4-Pyrrolidinopyridinium Salts. Chemistry, 2020, 2, 262-273.	2.2	4
29	Interaction of pesticide pyroquilon with two different cucurbit[n]uril. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2019, 95, 207-213.	1.6	2
30	Study of the hostâ€“guest interaction between N,Nâ€²-bis[4-(dimethylaminophenyl)methyl]butane-1,4-diamine and the cucuribit[n]urils (n = 6, 7). New Journal of Chemistry, 2019, 43, 14938-14943.	2.8	2
31	WO x â€Modified Ni Catalyst Supported on Mesoporous Silica with Extraâ€Large Mesopores for CO Methanation. Energy Technology, 2020, 8, 2000097.	3.8	2
32	Pseudorotaxanes Constructed from Cucurbit uril and Linear Bispyridinium Ethylene Derivatives. ChemistrySelect, 2019, 4, 12891-12896.	1.5	1