Daniela Paneva

List of Publications by Year
in descending order

42 papers	980 citations	516681 16 h-index	434170 31 g-index
42 all docs	42 docs citations	42 times ranked	1540 citing authors

#	Article	IF	Citations
1	Mechano-Synthesis, Characterization, and Magnetic Properties of Nanoparticles of Cobalt Ferrite, CoFe2O4. Chemistry of Materials, 2004, 16, 5689-5696.	6.7	247
2	Studies on the state of iron oxide nanoparticles in MCM-41 and MCM-48 silica materials. Microporous and Mesoporous Materials, 2003, 63, 125-137.	4.4	81
3	Comparative study of the thermal decomposition of iron oxyhydroxides. Thermochimica Acta, 2002, 386, 179-188.	2.7	50
4	Critical evaluation of the state of iron oxide nanoparticles on different mesoporous silicas prepared by an impregnation method. Microporous and Mesoporous Materials, 2008, 112, 327-337.	4.4	48
5	Nanosized copper ferrite materials: Mechanochemical synthesis and characterization. Journal of Solid State Chemistry, 2011, 184, 1153-1158.	2.9	47
6	Iron oxide modified mesoporous carbons: Physicochemical and catalytic study. Microporous and Mesoporous Materials, 2005, 81, 333-341.	4.4	40
7	Spark plasma sintering synthesis of Ni1â^'Zn Fe2O4 ferrites: MÃ¶ssbauer and catalytic study. Solid State Sciences, 2012, 14, 1092-1099.	3.2	38
8	Activated carbon from Bulgarian peach stones as a support of catalysts for methanol decomposition. Biomass and Bioenergy, 2018, 109, 135-146.	5.7	34
9	MCM-41 silica modified with copper and iron oxides as catalysts for methanol decomposition. Journal of Molecular Catalysis A, 2006, 246, 118-127.	4.8	33
10	The influence of attrition milling on carbon dioxide sequestration on magnesiumâ€“iron silicate. Minerals Engineering, 2010, 23, 616-620.	4.3	30
11	Nanosized iron and chromium oxides supported on mesoporous CeO2 and SBA-15 silica: Physicochemical and catalytic study. Applied Surface Science, 2010, 257, 523-530.	6.1	30
12	Nanosized Cu0.5Co0.5Fe2O4 ferrite as catalyst for methanol decomposition: Effect of preparation procedure. Catalysis Communications, 2013, 32, 41-46.	3.3	25
13	Iron oxide nanoparticles supported on mesoporous MgO and CeO2: A comparative physicochemical and catalytic study. Microporous and Mesoporous Materials, 2008, 110, 339-346.	4.4	24
14	Cobalt and iron oxide modified mesoporous zirconia: Preparation, characterization and catalytic behaviour in methanol conversion. Microporous and Mesoporous Materials, 2009, 120, 389-396.	4.4	22
15	Cobalt ferrite nanoparticles hosted in activated carbon from renewable sources as catalyst for methanol decomposition. Catalysis Communications, 2014, 55, 43-48.	3.3	18
16	Methanol Decomposition on Fe2O3 /MCM-48 Silica Catalyst. Reaction Kinetics and Catalysis Letters, 2001, 74, 385-391.	0.6	17
17	Copper-cobalt ferrites as catalysts for methanol decomposition. Open Chemistry, 2014, 12, 250-259.	1.9	16
18	Formation of catalytic active sites in iron modified activated carbons from agriculture residues. Microporous and Mesoporous Materials, 2015, 217, 87-95.	4.4	15

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19	Transition metal modified activated carbons from biomass and coal treatment products as catalysts for methanol decomposition. Reaction Kinetics, Mechanisms and Catalysis, 2013, 110, 281-294.	1.7	13
20	Cobalt- and iron-based nanoparticles hosted in SBA-15 mesoporous silica and activated carbon from biomass: Effect of modification procedure. Solid State Sciences, 2015, 48, 286-293.	3.2	13
21	Template-assisted hydrothermally synthesized iron-titanium binary oxides and their application as catalysts for ethyl acetate oxidation. Applied Catalysis A: General, 2016, 528, 24-35.	4.3	13
22	Zinc ferrites hosted in activated carbon from waste precursors as catalysts in methanol decomposition. Microporous and Mesoporous Materials, 2016, 229, 59-67.	4.4	12
23	Iron modified titaniumâ€“hafnium binary oxides as catalysts in total oxidation of ethyl acetate. Catalysis Communications, 2016, 81, 14-19.	3.3	12
24	Iron-oxide-modified nanosized diamond: Preparation, characterization, and catalytic properties in methanol decomposition. Journal of Colloid and Interface Science, 2006, 302, 492-500.	9.4	11
25	Copper and chromium oxide nanocomposites supported on SBA-15 silica as catalysts for ethylacetate combustion: Effect of mesoporous structure and metal oxide composition. Microporous and Mesoporous Materials, 2011, 137, 56-64.	4.4	11
26	Iron modified mesoporous carbon and silica catalysts for methanol decomposition. Reaction Kinetics and Catalysis Letters, 2004, 83, 299-305.	0.6	9
27	Iron oxide modified diamond blends containing ultradispersed diamond. Journal of Colloid and Interface Science, 2006, 300, 183-189.	9.4	9
28	Catalytic activity of Fe/AC, obtained by impregnation of activated carbon in aqueous and non-aqueous media, to neutralize NO. Journal of Porous Materials, 2009, 16, 1-7.	2.6	9
29	NixZn1-xFe2O4 modified activated carbons from industrial waste as catalysts for hydrogen production. Microporous and Mesoporous Materials, 2019, 285, 96-104.	4.4	8
30	Structure and properties of KNiâ€“hexacyanoferrate Prussian Blue Analogues for efficient CO2 capture: Hostâ€“guest interaction chemistry and dynamics of CO2 adsorption. Journal of CO2 Utilization, 2021, 50, 101593.	6.8	7
31	Biogenic iron compounds: XRD, Mossbauer and FTIR study. Open Chemistry, 2013, 11, 215-227.	1.9	6
32	Cobalt and iron modified activated carbon from coal tar pitch: preparation and application as catalysts for methanol decomposition. Journal of Porous Materials, 2014, 21, 503-512.	2.6	5
33	Ni0.5M0.5Fe2O4 (Mâ€‰=â€‰Cu, Zn) Ferrites Hosted in Nanoporous Carbon from Waste Materials as Catalysts for Hydrogen Production. Waste and Biomass Valorization, 2021, 12, 1371-1384.	3.4	5
34	Some Data on the Dynamics of Corrosion Processes in Water Circulation Cooling Systems. Monatshefte FÃ¼r Chemie, 2001, 132, 1181-1188.	1.8	4
35	Study of iron state in titania-supported FeMo catalysts of hydrodesulfurization. Reaction Kinetics and Catalysis Letters, 2005, 85, 283-290.	0.6	4
36	Mesoporous CuO-Fe2O3 composite catalysts for complete n-hexane oxidation. Studies in Surface Science and Catalysis, 2010, , 547-550.	1.5	4

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37	Plasma synthesis, MÃ¶ssbauer spectroscopy and X-ray diffraction studies of nanosized iron oxides. Hyperfine Interactions, 2010, 198, 265-272.	0.5	3
38	Iron oxide nanoparticles supported on ultradispersed diamond powders: Effect of the preparation procedure. Applied Surface Science, 2009, 255, 4322-4328.	6.1	2
39	Application of Mechanochemically Treated Waste Materials for Water Remediation. Physica Status Solidi (A) Applications and Materials Science, 0, , 2100515.	1.8	2
40	Iron oxide nanoparticles supported on NH2- and COOH-functionalized SBA-15. Reaction Kinetics and Catalysis Letters, 2008, 95, 329-336.	0.6	1
41	Valorization of coal treatment residues as a host matrix of nanosized nickel, copper and zinc ferrites. Reaction Kinetics, Mechanisms and Catalysis, 2019, 127, 691-703.	1.7	1
42	Comparative study of CO oxidation on biogenic lepidocrocite layered on anodic alumina samples. Reaction Kinetics, Mechanisms and Catalysis, 2019, 127, 617-635.	1.7	1