Moses O Adebajo

List of Publications by Year
in descending order

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35 papers	2,443 citations	331670 21 h-index	345221 36 g-index
37 all docs	37 docs citations	37 times ranked	3543 citing authors

#	Article	IF	Citations
1	Porous Materials for Oil Spill Cleanup: A Review of Synthesis and Absorbing Properties. Journal of Porous Materials, 2003, 10, 159-170.	2.6	940
2	Catalytic applications of layered double hydroxides and derivatives. Applied Clay Science, 2011, 53, 139-150.	5.2	347
3	Catalytic combustion of formaldehyde on gold/iron-oxide catalysts. Catalysis Communications, 2008, 9, 355-361.	3.3	155
4	Raman spectroscopy of hydrotalcites with phosphate in the interlayer: implications for the removal of phosphate from water. Journal of Raman Spectroscopy, 2006, 37, 733-741.	2.5	92
5	Raman spectroscopic investigation of acetylation of raw cotton. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2006, 64, 448-453.	3.9	90
6	Gold catalysts supported on the mesoporous nanoparticles composited of zirconia and silicate for oxidation of formaldehyde. Journal of Molecular Catalysis A, 2010, 316, 100-105.	4.8	71
7	Acetylation of raw cotton for oil spill cleanup application: an FTIR and 13C MAS NMR spectroscopic investigation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2004, 60, 2315-2321.	3.9	63
8	Raman spectroscopy of hydrotalcites with sulphate, molybdate and chromate in the interlayer. Journal of Raman Spectroscopy, 2005, 36, 925-931.	2.5	58
9	A review of iron species for visible-light photocatalytic water purification. Environmental Science and Pollution Research, 2015, 22, 7439-7449.	5.3	56
10	Enhancing Photoactivity of TiO₂(B)/Anatase Coreâ€“Shell Nanofibers by Selectively Doping Cerium Ions into the TiO₂(B) Core. Chemistry - A European Journal, 2013, 19, 5113-5119.	3.3	51
11	The contribution of the methanol-to-aromatics reaction to benzene methylation over ZSM-5 catalysts. Catalysis Communications, 2003, 4, 71-76.	3.3	49
12	Thermal decomposition of hydrotalcite with chromate, molybdate or sulphate in the interlayer. Thermochimica Acta, 2005, 429, 179-187.	2.7	46
13	Infrared and 13C MAS nuclear magnetic resonance spectroscopic study of acetylation of cotton. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2004, 60, 449-453.	3.9	45
14	Methylation of benzene with methanol over zeolite catalysts in a low pressure flow reactor. Catalysis Today, 2000, 63, 471-478.	4.4	34
15	Using thermally activated hydrotalcite for the uptake of phosphate from aqueous media. Journal of Thermal Analysis and Calorimetry, 2007, 89, 95-99.	3.6	31
16	Green chemistry perspectives of methane conversion via oxidative methylation of aromatics over zeolite catalysts. Green Chemistry, 2007, 9, 526.	9.0	30
17	Thermogravimetric analysis of hydrotalcites based on the takovite formula NixZn6-xAl2(OH)16(CO3)Â·4H2O. Journal of Thermal Analysis and Calorimetry, 2005, 81, 83-89.	3.6	27
18	Intercalation of hydrotalcites with hexacyanoferrate(II) and (III)â€”a thermoRaman spectroscopic study. Journal of Solid State Chemistry, 2005, 178, 1940-1948.	2.9	26

#	Article	IF	Citations
19	Thermal decomposition of metazeuneriteâ€"a high-resolution thermogravimetric and hot-stage Raman spectroscopic study. Thermochimica Acta, 2004, 419, 119-129.	2.7	25
20	A Raman spectroscopic study of thermally treated glushinskiteâ€"the natural magnesium oxalate dihydrate. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2004, 60, 643-651.	3.9	24
21	Spectroscopic and XRD characterisation of zeolite catalysts active for the oxidative methylation of benzene with methane. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2004, 60, 791-799.	3.9	23
22	Raman spectroscopy of synthetic and natural iowaite. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2005, 61, 613-620.	3.9	23
23	Further evidence for the oxidative methylation of benzene with methane over zeolite catalysts. Catalysis Communications, 2004, 5, 125-130.	3.3	20
24	Methane activation over zeolite catalysts: The methylation of benzene. Research on Chemical Intermediates, 2000, 26, 185-191.	2.7	19
25	Thermal decomposition of hydrotalcitewith hexacyanoferrate(II) and hexacyanoferrate(III) anions in the interlayer. Journal of Thermal Analysis and Calorimetry, 2006, 86, 205-209.	3.6	16
26	X-ray diffraction and Raman spectroscopic studies of Zn-substituted carrboydite-like compounds. Materials Chemistry and Physics, 2006, 100, 174-186.	4.0	16
27	ESR study of alkyl radicals adsorbed on porous Vycor glass. Applied Surface Science, 2001, 171, 120-124.	6.1	14
28	Near-infrared spectroscopy of autunites. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2005, 61, 367-372.	3.9	12
29	Methylation of Toluene with Methane over ZSM-5 Catalysts. Energy & Fuels, 2001, 15, 671-674.	5.1	11
30	The methylation of benzene with methane over zeolite catalysts: effect of hydrocarbon impurities. Catalysis Letters, 2001, 72, 221-224.	2.6	9
31	Oxidative Benzene Methylation with Methane over MCM-41 and Zeolite Catalysts:â€‰ Effect of Framework Aluminum, SiO2/Al2O3Ratio, and Zeolite Pore Structure. Energy & Fuels, 2005, 19, 783-790.	5.1	6
32	The electrical conductance and viscosity of Nigerian traditional soaps in alcoholic media. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2001, 194, 97-110.	4.7	5
33	Highâ€pressure Raman spectroscopic and other structural studies of hydrotalcites containing intercalated dicarboxylic acid anions. Journal of Raman Spectroscopy, 2011, 42, 1562-1566.	2.5	5
34	Effect of palm kernel oil extraction method on the electrical conductance of Nigerian traditional soaps in alcohols. Journal of Surfactants and Detergents, 2004, 7, 81-85.	2.1	2
35	Synthetic reevesite-like material as a visible light photocatalyst for the decontamination of water. Journal of Colloid and Interface Science, 2013, 400, 67-69.	9.4	1