

# 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	A review of iron species for visible-light photocatalytic water purification. Environmental Science and Pollution Research, 2015, 22, 7439-7449.	5.3	56
2	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
3	Enhancing Photoactivity of TiO <sub>2</sub> (B)/Anatase Core-Shell Nanofibers by Selectively Doping Cerium Ions into the TiO <sub>2</sub> (B) Core. Chemistry - A European Journal, 2013, 19, 5113-5119.	3.3	51
4	Catalytic applications of layered double hydroxides and derivatives. Applied Clay Science, 2011, 53, 139-150.	5.2	347
5	High-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
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	Catalytic combustion of formaldehyde on gold/iron-oxide catalysts. Catalysis Communications, 2008, 9, 355-361.	3.3	155
8	Green chemistry perspectives of methane conversion via oxidative methylation of aromatics over zeolite catalysts. Green Chemistry, 2007, 9, 526.	9.0	30
9	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
10	Raman spectroscopic investigation of acetylation of raw cotton. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2006, 64, 448-453.	3.9	90
11	Thermal decomposition of hydrotalcite with hexacyanoferrate(II) and hexacyanoferrate(III) anions in the interlayer. Journal of Thermal Analysis and Calorimetry, 2006, 86, 205-209.	3.6	16
12	X-ray diffraction and Raman spectroscopic studies of Zn-substituted carbohydrite-like compounds. Materials Chemistry and Physics, 2006, 100, 174-186.	4.0	16
13	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
14	Intercalation of hydrotalcites with hexacyanoferrate(II) and (III) – a thermoRaman spectroscopic study. Journal of Solid State Chemistry, 2005, 178, 1940-1948.	2.9	26
15	Near-infrared spectroscopy of autunites. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2005, 61, 367-372.	3.9	12
16	Raman spectroscopy of synthetic and natural iowaite. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2005, 61, 613-620.	3.9	23
17	Thermal decomposition of hydrotalcite with chromate, molybdate or sulphate in the interlayer. Thermochimica Acta, 2005, 429, 179-187.	2.7	46
18	Raman spectroscopy of hydrotalcites with sulphate, molybdate and chromate in the interlayer. Journal of Raman Spectroscopy, 2005, 36, 925-931.	2.5	58

#	ARTICLE	IF	CITATIONS
19	Thermogravimetric analysis of hydrotalcites based on the takovite formula $NixZn_{6-x}Al_2(OH)_{16}(CO_3)_4 \cdot 4H_2O$ . <i>Journal of Thermal Analysis and Calorimetry</i> , 2005, 81, 83-89.	3.6	27
20	Oxidative Benzene Methylation with Methane over MCM-41 and Zeolite Catalysts: Effect of Framework Aluminum, $SiO_2/Al_2O_3$ Ratio, and Zeolite Pore Structure. <i>Energy &amp; Fuels</i> , 2005, 19, 783-790.	5.1	6
21	Effect of palm kernel oil extraction method on the electrical conductance of Nigerian traditional soaps in alcohols. <i>Journal of Surfactants and Detergents</i> , 2004, 7, 81-85.	2.1	2
22	Infrared and $^{13}C$ MAS nuclear magnetic resonance spectroscopic study of acetylation of cotton. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 449-453.	3.9	45
23	A Raman spectroscopic study of thermally treated glushinskite—the natural magnesium oxalate dihydrate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 643-651.	3.9	24
24	Spectroscopic and XRD characterisation of zeolite catalysts active for the oxidative methylation of benzene with methane. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 791-799.	3.9	23
25	Thermal decomposition of metazeunerite—a high-resolution thermogravimetric and hot-stage Raman spectroscopic study. <i>Thermochimica Acta</i> , 2004, 419, 119-129.	2.7	25
26	Acetylation of raw cotton for oil spill cleanup application: an FTIR and $^{13}C$ MAS NMR spectroscopic investigation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 2315-2321.	3.9	63
27	Further evidence for the oxidative methylation of benzene with methane over zeolite catalysts. <i>Catalysis Communications</i> , 2004, 5, 125-130.	3.3	20
28	Porous Materials for Oil Spill Cleanup: A Review of Synthesis and Absorbing Properties. <i>Journal of Porous Materials</i> , 2003, 10, 159-170.	2.6	940
29	The contribution of the methanol-to-aromatics reaction to benzene methylation over ZSM-5 catalysts. <i>Catalysis Communications</i> , 2003, 4, 71-76.	3.3	49
30	Methylation of Toluene with Methane over ZSM-5 Catalysts. <i>Energy &amp; Fuels</i> , 2001, 15, 671-674.	5.1	11
31	ESR study of alkyl radicals adsorbed on porous Vycor glass. <i>Applied Surface Science</i> , 2001, 171, 120-124.	6.1	14
32	The electrical conductance and viscosity of Nigerian traditional soaps in alcoholic media. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001, 194, 97-110.	4.7	5
33	The methylation of benzene with methane over zeolite catalysts: effect of hydrocarbon impurities. <i>Catalysis Letters</i> , 2001, 72, 221-224.	2.6	9
34	Methylation of benzene with methanol over zeolite catalysts in a low pressure flow reactor. <i>Catalysis Today</i> , 2000, 63, 471-478.	4.4	34
35	Methane activation over zeolite catalysts: The methylation of benzene. <i>Research on Chemical Intermediates</i> , 2000, 26, 185-191.	2.7	19