

Malcolm Yates

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,224
citations

361413

20
h-index

361022

35
g-index

40
all docs

40
docs citations

40
times ranked

1412
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation, characterization and in vitro osteoblast growth of waste-derived biomaterials. RSC Advances, 2014, 4, 12630-12639.	3.6	9
2	Hydrotalcite-like compounds: A way to recover a hazardous waste in the aluminium tertiary industry. Applied Clay Science, 2014, 95, 41-49.	5.2	32
3	Design of activated carbon-clay composites for effluent decontamination. Microporous and Mesoporous Materials, 2012, 154, 87-92.	4.4	12
4	Renewable fine chemicals from rice and citric subproducts: Ecomaterials. Applied Catalysis B: Environmental, 2011, 106, 488-493.	20.2	20
5	Biomaterials from beer manufacture waste for bone growth scaffolds. Green Chemistry Letters and Reviews, 2011, 4, 229-233.	4.7	17
6	Pore design of pelletised VOX/ZrO ₂ -SO ₄ /Sepiolite composite catalysts. Studies in Surface Science and Catalysis, 2010, , 739-742.	1.5	1
7	Sustainable p-cymene and hydrogen from limonene. Applied Catalysis A: General, 2010, 387, 141-146.	4.3	63
8	Structured catalysts containing Co, Ba and K supported on modified natural sepiolite for the abatement of diesel exhaust pollutants. Chemical Engineering Journal, 2010, 157, 530-538.	12.7	18
9	SCR activity of conformed CuOX/ZrO ₂ -SO ₄ catalysts. Studies in Surface Science and Catalysis, 2010, , 735-738.	1.5	1
10	Mechanical and textural properties of extruded materials manufactured with AlFe and AlCeFe pillared bentonites. Applied Clay Science, 2010, 47, 283-289.	5.2	30
11	Pd/Al ₂ O ₃ monolithic catalysts for NO _x reduction with CH ₄ in excess of O ₂ : Effect of precursor salt. Chemical Engineering Journal, 2009, 150, 8-14.	12.7	20
12	Effect of sulphuric acid pretreatment concentration on the behaviour of CoOX/Al ₂ O ₃ -SO ₄ monolithic catalysts in the lean CH ₄ -SCR process. Applied Catalysis B: Environmental, 2009, 91, 423-427.	20.2	17
13	Characterisation and reactivity of Re/carbon catalysts in hydrodesulphurisation of dibenzothiophene: Effect of textural and chemical properties of support. Applied Catalysis A: General, 2009, 358, 26-31.	4.3	19
14	Synthesis of p-cymene from limonene, a renewable feedstock. Applied Catalysis B: Environmental, 2008, 81, 218-224.	20.2	94
15	Promoter effect of Co on the catalytic activity of Re/Al ₂ O ₃ catalysts for the HDS and HDN of gas oil. Applied Catalysis A: General, 2008, 350, 6-15.	4.3	10
16	On the Preparation of TiO ₂ -Sepiolite Hybrid Materials for the Photocatalytic Degradation of TCE: Influence of TiO ₂ Distribution in the Mineralization. Environmental Science & Technology, 2008, 42, 5892-5896.	10.0	66
17	Porosity of freeze-dried Al ₂ O ₃ powders. Ceramics International, 2007, 33, 1165-1169.	4.8	8
18	Promotion of Re/Al ₂ O ₃ and Re/C catalysts by Ni sulfide in the HDS and HDN of gas oil: Effects of Ni loading and support. Applied Catalysis A: General, 2007, 319, 218-229.	4.3	14

#	ARTICLE	IF	CITATIONS
19	Nitrous oxide formation in low temperature selective catalytic reduction of nitrogen oxides with V ₂ O ₅ /TiO ₂ catalysts. Applied Catalysis B: Environmental, 2007, 70, 330-334.	20.2	45
20	Tailor-made high porosity VOC oxidation catalysts prepared by a single-step procedure. Applied Catalysis B: Environmental, 2007, 73, 128-134.	20.2	20
21	Influence of sulphate doping on Pd/zirconia based catalysts for the selective catalytic reduction of nitrogen oxides with methane. Applied Catalysis B: Environmental, 2007, 71, 254-261.	20.2	23
22	Application of Mercury Porosimetry to Predict the Porosity and Strength of Ceramic Catalyst Supports. Particle and Particle Systems Characterization, 2006, 23, 94-100.	2.3	5
23	Selective catalytic reduction of NO _x by methane in excess oxygen over Rh based aluminium pillared clays. Applied Catalysis B: Environmental, 2006, 64, 161-170.	20.2	22
24	Development of a new Rh/TiO ₂ –sepiolite monolithic catalyst for N ₂ O decomposition. Applied Catalysis B: Environmental, 2006, 64, 302-311.	20.2	62
25	Influence of support acid pretreatment on the behaviour of CoO _x / γ -alumina monolithic catalysts in the CH ₄ -SCR reaction. Applied Catalysis B: Environmental, 2006, 67, 270-278.	20.2	15
26	Novel One-Step Synthesis of Porous-Supported Catalysts by Activated-Carbon Templating. Advanced Materials, 2006, 18, 1162-1165.	21.0	30
27	New TiO ₂ monolithic supports based on the improvement of the porosity. Catalysis Today, 2005, 105, 499-506.	4.4	26
28	N ₂ O formation in the selective catalytic reduction of NO _x with NH ₃ at low temperature on CuO-supported monolithic catalysts. Journal of Catalysis, 2005, 229, 227-236.	6.2	71
29	Rh/ γ -Al ₂ O ₃ –sepiolite monolithic catalysts for decomposition of N ₂ O traces. Applied Catalysis B: Environmental, 2005, 55, 57-64.	20.2	29
30	N ₂ O formation in the ammonia oxidation and in the SCR process with V ₂ O ₅ -WO ₃ catalysts. Catalysis Today, 2005, 107-108, 120-125.	4.4	99
31	CuO/NiO monolithic catalysts for NO _x removal from nitric acid plant flue gas. Chemical Engineering Journal, 2004, 97, 1-9.	12.7	42
32	Influence of zirconia raw materials on the development of DeNO _x monolithic catalysts. Applied Catalysis B: Environmental, 2003, 44, 333-346.	20.2	12
33	Vapour adsorption capacity of controlled porosity honeycomb monoliths. Microporous and Mesoporous Materials, 2003, 65, 219-231.	4.4	45
34	Effect of Re loading on the structure, activity and selectivity of Re/C catalysts in hydrodenitrogenation and hydrodesulphurisation of gas oil. Applied Catalysis A: General, 2003, 240, 151-160.	4.3	31
35	Microwave decomposition of a chlorinated pesticide (Lindane) supported on modified sepiolites. Applied Clay Science, 2002, 22, 103-113.	5.2	50
36	Pillared clay and zirconia-based monolithic catalysts for selective catalytic reduction of nitric oxide by methane. Catalysis Today, 2001, 69, 233-239.	4.4	37

#	ARTICLE	IF	CITATIONS
37	Honeycomb monoliths of activated carbons for effluent gas purification. <i>Microporous and Mesoporous Materials</i> , 2000, 37, 201-208.	4.4	86
38	Influence of the operation time on the performance of a new SCR monolithic catalyst. <i>Catalysis Today</i> , 1996, 27, 9-13.	4.4	10
39	The performance of a new monolithic SCR catalyst in a life test with real exhaust gases. Effect on the textural nature. <i>Coal Science and Technology</i> , 1995, , 1807-1810.	0.0	0
40	Characterization of alumina:sepiolite monoliths for use as industrial catalyst supports. <i>Journal of Materials Science</i> , 1994, 29, 5927-5933.	3.7	13