

Heather A Meylemans

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,516
citations

394421

19
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1658
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of <i>o</i> -Methoxy Groups on the Properties and Thermal Stability of Renewable High-Temperature Cyanate Ester Resins. <i>Macromolecules</i> , 2015, 48, 3173-3179.	4.8	88
2	Renewable thermosetting resins and thermoplastics from vanillin. <i>Green Chemistry</i> , 2015, 17, 1249-1258.	9.0	122
3	Low-temperature, solvent-free dehydration of cineoles with heterogeneous acid catalysts for the production of high-density biofuels. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 957-962.	3.2	28
4	1-Hexene: a renewable C6 platform for full-performance jet and diesel fuels. <i>Green Chemistry</i> , 2014, 16, 770-776.	9.0	96
5	High-density biosynthetic fuels: the intersection of heterogeneous catalysis and metabolic engineering. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 9448-9457.	2.8	51
6	Synthesis and characterization of a renewable cyanate ester/polycarbonate network derived from eugenol. <i>Polymer</i> , 2014, 55, 5073-5079.	3.8	53
7	A Soluble, Halogen-Free Oxalate from Methyl Salicylate for Chemiluminescence Demonstrations. <i>Journal of Chemical Education</i> , 2013, 90, 1253-1254.	2.3	8
8	High Tg thermosetting resins from resveratrol. <i>Polymer Chemistry</i> , 2013, 4, 3859.	3.9	64
9	Synthesis, Characterization, and Cure Chemistry of Renewable Bis(cyanate) Esters Derived from 2-Methoxy-4-Methylphenol. <i>Biomacromolecules</i> , 2013, 14, 771-780.	5.4	84
10	Low-Temperature Properties of Renewable High-Density Fuel Blends. <i>Energy & Fuels</i> , 2013, 27, 883-888.	5.1	85
11	Synthesis of renewable plasticizer alcohols by formal anti-Markovnikov hydration of terminal branched chain alkenes via a borane-free oxidation/reduction sequence. <i>Green Chemistry</i> , 2012, 14, 2450.	9.0	20
12	Efficient conversion of pure and mixed terpene feedstocks to high density fuels. <i>Fuel</i> , 2012, 97, 560-568.	6.4	149
13	Synthesis of Renewable Bisphenols from Creosol. <i>ChemSusChem</i> , 2012, 5, 206-210.	6.8	80
14	Solvent-Free Conversion of Linalool to Methylcyclopentadiene Dimers: A Route To Renewable High-Density Fuels. <i>ChemSusChem</i> , 2011, 4, 465-469.	6.8	110
15	The role of butanol in the development of sustainable fuel technologies. <i>Journal of Chemical Technology and Biotechnology</i> , 2011, 86, 2-9.	3.2	246
16	Exploiting Conformational Dynamics To Facilitate Formation and Trapping of Electron-Transfer Photoproducts in Metal Complexes. <i>Journal of the American Chemical Society</i> , 2010, 132, 11464-11466.	13.7	32
17	Controlling Electron Transfer through the Manipulation of Structure and Ligand-Based Torsional Motions: A Computational Exploration of Ruthenium Donor-Acceptor Systems using Density Functional Theory. <i>Inorganic Chemistry</i> , 2009, 48, 11161-11175.	4.0	35
18	Ligand Structure, Conformational Dynamics, and Excited-State Electron Delocalization for Control of Photoinduced Electron Transfer Rates in Synthetic Donor-Bridge-Acceptor Systems. <i>Inorganic Chemistry</i> , 2008, 47, 4060-4076.	4.0	39

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19	Nicotine Activates Nuclear Factor of Activated T Cells c2 (NFATc2) and Prevents Cell Cycle Entry in T Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 311, 758-769.	2.5	31
20	Canine malignant hemangiosarcoma as a model of primitive angiogenic endothelium. <i>Laboratory Investigation</i> , 2004, 84, 562-572.	3.7	95