

Rebecca O Fuller

List of Publications by Citations

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29
papers

341
citations

10
h-index

17
g-index

37
ext. papers

388
ext. citations

4.1
avg, IF

3.19
L-index

#	Paper	IF	Citations
29	Systematic Structural Coordination Chemistry of p-tert-Butyltetrathiacalix[4]arene: Further Complexes of Transition-Metal Ions. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 2106-02126	2.3	75
28	Lanthanoid "bottlebrush" clusters: remarkably elongated metal-oxo core structures with controllable lengths. <i>Journal of the American Chemical Society</i> , 2014 , 136, 15122-5	16.4	40
27	Systematic Structural Coordination Chemistry of p-tert-Butyltetrathiacalix[4]arene: Further Complexes of Lanthanide Metal Ions. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 2127-2152	2.3	36
26	Magnetic properties of calixarene-supported metal coordination clusters. <i>Coordination Chemistry Reviews</i> , 2020 , 402, 213066	23.2	20
25	Supramolecular interactions between hexabromoethane and cyclopentadienyl ruthenium bromides: Halogen bonding or electrostatic organisation?. <i>CrystEngComm</i> , 2012 , 14, 804-811	3.3	19
24	Molecular Imprisonment: Host Response to Guest Location, Orientation, and Dynamics in Clathrates of Dianin's Compound. <i>Crystal Growth and Design</i> , 2014 , 14, 1296-1306	3.5	16
23	Interpolated potential-energy surface and reaction dynamics for BH ₂ ⁺⁺ H ₂ . <i>Journal of Chemical Physics</i> , 2001 , 114, 10711-10716	3.9	14
22	Resonance-Based Detection of Magnetic Nanoparticles and Microbeads Using Nanopatterned Ferromagnets. <i>Physical Review Applied</i> , 2016 , 6,	4.3	13
21	Manganese-calcium clusters supported by calixarenes. <i>Dalton Transactions</i> , 2015 , 44, 2132-7	4.3	12
20	A new selective fluorescent probe based on tamoxifen. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 4879-4883	2.9	12
19	The use of preformed nanoparticles in the production of heterogeneous catalysts. <i>Journal of Colloid and Interface Science</i> , 2014 , 417, 396-401	9.3	9
18	Matrix isolation ESR and theoretical studies of metal phosphides. <i>Journal of Chemical Physics</i> , 2010 , 133, 164311	3.9	9
17	Temperature-dependent crystal structure of the isopropanol clathrate of Dianin's compound. <i>Chemical Communications</i> , 2011 , 47, 2029-31	5.8	9
16	A Novel Approach to FePt Assemblage and Synthesis. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 5271-5274	3.7	9
15	The modification of M41S materials: addition of metal clusters and nanoparticles. <i>New Journal of Chemistry</i> , 2010 , 34, 1286	3.6	7
14	A simple procedure for the production of large ferromagnetic cobalt nanoparticles. <i>Dalton Transactions</i> , 2016 , 45, 11983-9	4.3	7
13	Supported heterogeneous catalysts: what controls cobalt nanoparticle dispersion on alumina?. <i>New Journal of Chemistry</i> , 2018 , 42, 14894-14900	3.6	5

12	Anion-Directed Solid-State Structures of Copper(I) and Silver(I) Adducts of Ruthenium Ethyne-1,2-diyl Compounds. <i>Organometallics</i> , 2015 , 34, 2632-2646	3.8	5
11	Magnetic Studies of Metal Ion Coordination Clusters Encapsulated with Thiacalixarene. <i>Australian Journal of Chemistry</i> , 2014 , 67, 1588	1.2	4
10	Broad distributions of relaxation times in FePt nanoparticles. <i>Journal of Applied Physics</i> , 2005 , 97, 10J508.5	3.5	4
9	Seemingly simple group 8 cyclopentadienyl dicarbonyl metal halides: From little things, interesting things grow. <i>CrystEngComm</i> , 2012 , 14, 812-818	3.3	3
8	Enhanced synthesis of oxo-verdazyl radicals bearing sterically-and electronically-diverse C3-substituents. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 10120-10138	3.9	3
7	Investigation of the structure and magnetism in lanthanide β -diketonate tetranuclear assemblies. <i>Journal of Coordination Chemistry</i> , 2016 , 69, 1852-1863	1.6	2
6	Photochemical Activation of a Hydroxyquinone-Derived Phenyliodonium Ylide by Visible Light: Synthetic and Mechanistic Investigations. <i>Journal of Organic Chemistry</i> , 2021 , 86, 1758-1768	4.2	2
5	An experimental investigation of dynamic behavior in FePt systems. <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 124203	1.8	1
4	Rhenium-catalysed reactions in chemical synthesis: selected case studies.. <i>Dalton Transactions</i> , 2022 ,	4.3	1
3	Lanthanoid pyridyl- β -diketonate 'triangles'. New examples of single molecule toroids. <i>Dalton Transactions</i> , 2020 , 49, 17421-17432	4.3	1
2	Suzuki-Miyaura $C_{sp^2}C_{sp^2}$ Cross-Couplings Employing Nickel(II) Pincer Precatalysts: Mechanistic Investigations. <i>Organometallics</i> , 2021 , 40, 2305-2310	3.8	1
1	tert-Butyldimethylsilyl Amine (TBDMS-NH ₂): A Mild and Green Reagent for the Protection of Benzyl Alcohols, Phenols, and Carboxylic Acids under Solvent-Free Conditions. <i>Australian Journal of Chemistry</i> , 2016 , 69, 1172	1.2	1