

Aparna Iyer

List of Publications by Year in descending order

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papers

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1040056

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#	ARTICLE	IF	CITATIONS
1	Water Oxidation Catalysis using Amorphous Manganese Oxides, Octahedral Molecular Sieves (OMS-2), and Octahedral Layered (OL-1) Manganese Oxide Structures. <i>Journal of Physical Chemistry C</i> , 2012, 116, 6474-6483.	3.1	267
2	Manganese Oxide Octahedral Molecular Sieves (OMS-2) Multiple Framework Substitutions: A New Route to OMS-2 Particle Size and Morphology Control. <i>Advanced Functional Materials</i> , 2011, 21, 312-323.	14.9	157
3	Microwave-Assisted Hydrothermal Synthesis of Cryptomelane-Type Octahedral Molecular Sieves (OMS-2) and Their Catalytic Studies. <i>Chemistry of Materials</i> , 2010, 22, 3664-3669.	6.7	89
4	Nanoscale manganese oxide octahedral molecular sieves (OMS-2) as efficient photocatalysts in 2-propanol oxidation. <i>Applied Catalysis A: General</i> , 2010, 375, 295-302.	4.3	85
5	Light-Assisted Synthesis of Metal Oxide Hierarchical Structures and Their Catalytic Applications. <i>Journal of the American Chemical Society</i> , 2011, 133, 4186-4189.	13.7	70
6	Synthesis of Mesoporous Iron Oxides by an Inverse Micelle Method and Their Application in the Degradation of Orange II under Visible Light at Neutral pH. <i>Journal of Physical Chemistry C</i> , 2015, 119, 10454-10468.	3.1	67
7	A Sucrose-Mediated Sol-Gel Technique for the Synthesis of $\text{MgO}/\text{Y}_2\text{O}_3$ Nanocomposites. <i>Journal of the American Ceramic Society</i> , 2013, 96, 346-350.	3.8	20
8	An ultrasonic atomization assisted synthesis of self-assembled manganese oxide octahedral molecular sieve nanostructures and their application in catalysis and water treatment. <i>Nanoscale</i> , 2017, 9, 5009-5018.	5.6	18
9	Nonthermal Synthesis of Three-Dimensional Metal Oxide Structures under Continuous-Flow Conditions and Their Catalytic Applications. <i>Journal of Physical Chemistry C</i> , 2011, 115, 23273-23282.	3.1	9