

# Umesh Chaudhary

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Supported iron nanoparticles for the hydrodeoxygenation of microalgal oil to green diesel. <i>Journal of Catalysis</i> , 2014, 314, 142-148.	6.2	135
2	Mesoporous Silica-Supported Amidozirconium-Catalyzed Carbonyl Hydroboration. <i>ACS Catalysis</i> , 2015, 5, 7399-7414.	11.2	87
3	Probing Surface Hydrogen Bonding and Dynamics by Natural Abundance, Multidimensional, <sup>17</sup> O DNP-NMR Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2016, 120, 11535-11544.	3.1	65
4	Synergistic Interaction between Oxides of Copper and Iron for Production of Fatty Alcohols from Fatty Acids. <i>ACS Catalysis</i> , 2015, 5, 6719-6723.	11.2	51
5	Optimal sample formulations for DNP SENS: The importance of radical-surface interactions. <i>Current Opinion in Colloid and Interface Science</i> , 2018, 33, 9-18.	7.4	42
6	Improved strategies for DNP-enhanced 2D 1H-X heteronuclear correlation spectroscopy of surfaces. <i>Solid State Nuclear Magnetic Resonance</i> , 2017, 87, 38-44.	2.3	27
7	<sup>12</sup> -SiH-Containing Tris(silazido) Rare-Earth Complexes as Homogeneous and Grafted Single-Site Catalyst Precursors for Hydroamination. <i>Organometallics</i> , 2017, 36, 1142-1153.	2.3	25
8	Development of a semigraphitic sulfur-doped ordered mesoporous carbon material for electroanalytical applications. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 347-353.	7.8	22
9	Heterogeneous Multicatalytic System for Single-Pot Oxidation and C-C Coupling Reaction Sequences. <i>Topics in Catalysis</i> , 2014, 57, 1000-1006.	2.8	11