

# Daniel Santhanaraj

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

202  
citations

1307594

7  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

398  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mo <sup>2+</sup> /Ni/Al-SBA-15 (Sulfide) Catalysts for Hydrodenitrogenation: Effect of Si/Al Ratio on Catalytic Activity. ACS Catalysis, 2012, 2, 127-134.	11.2	55
2	Gluconic Acid from Biomass Fast Pyrolysis Oils: Specialty Chemicals from the Thermochemical Conversion of Biomass. ChemSusChem, 2014, 7, 3132-3137.	6.8	36
3	Synthesis of C <sub>4</sub> and C <sub>8</sub> Chemicals from Ethanol on MgO-Incorporated Faujasite Catalysts with Balanced Confinement Effects and Basicity. ChemSusChem, 2016, 9, 736-748.	6.8	27
4	A comparison study between V-SBA-15 and V-KIT-6 catalysts for selective oxidation of diphenylmethane. New Journal of Chemistry, 2019, 43, 11554-11563.	2.8	15
5	A comparative study of thermal- and electrocatalytic conversion of furfural: methylfuran as a primary and major product. Journal of Applied Electrochemistry, 2021, 51, 19-26.	2.9	14
6	Mn <sup>2+</sup> /MCM-41 molecular sieves: a selective gas-phase cyclohexanol oxidation catalyst. Reaction Kinetics, Mechanisms and Catalysis, 2010, 99, 439.	1.7	10
7	Structural and catalytic properties of V-SBA-15 for the vapor phase oxidation of diphenylmethane. Reaction Kinetics, Mechanisms and Catalysis, 2011, 104, 399-415.	1.7	10
8	A detail kinetic study on vapour phase oxidation of diphenylmethane over mesoporous V-KIT-6 catalyst. Molecular Catalysis, 2017, 442, 1-11.	2.0	9
9	Synthesis of $\alpha,\beta$ - and $\gamma$ -Unsaturated Acids and Hydroxy Acids by Tandem Oxidation, Epoxidation, and Hydrolysis/Hydrogenation of Bioethanol Derivatives. Angewandte Chemie - International Edition, 2020, 59, 7456-7460.	13.8	8
10	Room temperature synthesized spherical V-MCM-41: a catalyst for vapour phase oxidation of diphenylmethane. Journal of Porous Materials, 2012, 19, 1027-1036.	2.6	4
11	Influence of lattice strain on Fe <sub>3</sub> O <sub>4</sub> @carbon catalyst for the destruction of organic dye in polluted water using a combined adsorption and Fenton process. RSC Advances, 2020, 10, 39146-39159.	3.6	4
12	Cosolvent and Local Environment Effects of Vanadium Incorporation on MCM-41 Catalysts for Selective Oxidation Reactions. ACS Applied Nano Materials, 2022, 5, 288-302.	5.0	4
13	Upgrading the Strategy of Multistage Torrefaction Liquid by the Selective Oxidation Reaction Route Using a Reusable MgO-Based Au/Al <sub>2</sub> O <sub>3</sub> Catalyst. Energy & Fuels, 2021, 35, 15831-15841.	5.1	3
14	Unravelling the cooperative role of lattice strain on MnO <sub>2</sub> /TiO <sub>2</sub> and MnO <sub>2</sub> /ZnO catalysts for the fast decomposition of hydrogen peroxide. New Journal of Chemistry, 2021, 45, 9944-9958.	2.8	2
15	Synthesis of $\alpha,\beta$ - and $\gamma$ -Unsaturated Acids and Hydroxy Acids by Tandem Oxidation, Epoxidation, and Hydrolysis/Hydrogenation of Bioethanol Derivatives. Angewandte Chemie, 2020, 132, 7526-7530.	2.0	1