

# Janarthanan Ponraj

## List of Publications by Year in descending order

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14  
papers

483  
citations

840776

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1058476

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docs citations

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times ranked

599  
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the fibrillation of lysozyme by nanoscale-infrared spectroscopy. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 1481-1490.	3.5	22
2	Enhancing the electrocatalytic properties of LaMnO <sub>3</sub> by tuning surface oxygen deficiency through salt assisted combustion synthesis. <i>Catalysis Today</i> , 2021, 375, 484-493.	4.4	19
3	Development of Co/Co <sub>9</sub> S <sub>8</sub> metallic nanowire anchored on N-doped CNTs through the pyrolysis of melamine for overall water splitting. <i>Electrochimica Acta</i> , 2021, 368, 137642.	5.2	40
4	RT-QulC Using C-Terminally Truncated Î±-Synuclein Forms Detects Differences in Seeding Propensity of Different Brain Regions from Synucleinopathies. <i>Biomolecules</i> , 2021, 11, 820.	4.0	14
5	Natural Alkaloid Compounds as Inhibitors for Alpha-Synuclein Seeded Fibril Formation and Toxicity. <i>Molecules</i> , 2021, 26, 3736.	3.8	19
6	Synthesis and growth mechanism of bamboo like N-doped CNT/Graphene nanostructure incorporated with hybrid metal nanoparticles for overall water splitting. <i>Carbon</i> , 2020, 170, 452-463.	10.3	59
7	Effect of Sheet Size and Atomic Structure on the Antibacterial Activity of Nb-MXene Nanosheets. <i>ACS Applied Nano Materials</i> , 2020, 3, 11372-11382.	5.0	56
8	Oxidation of Au/Ag films by oxygen plasma: phase separation and generation of nanoporosity. <i>Beilstein Journal of Nanotechnology</i> , 2020, 11, 1608-1614.	2.8	2
9	Observation of Structural Phase Transitions and PbI <sub>2</sub> Formation During the Degradation of Triple-Cation Double-Halide Perovskites. <i>ACS Applied Energy Materials</i> , 2020, 3, 6302-6309.	5.1	11
10	Preparation of Mesoporous/Microporous MnCo <sub>2</sub> O <sub>4</sub> and Nanocubic MnCr <sub>2</sub> O <sub>4</sub> Using a Single Step Solution Combustion Synthesis for Bifunction Oxygen Electrocatalysis. <i>Journal of the Electrochemical Society</i> , 2020, 167, 054507.	2.9	28
11	Sensitive electrochemical detection of L-cysteine based on a highly stable Pd@Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> (MXene) nanocomposite modified glassy carbon electrode. <i>Analytical Methods</i> , 2019, 11, 3851-3856.	2.7	102
12	Highly active and stable bi-functional NiCoO <sub>2</sub> catalyst for oxygen reduction and oxygen evolution reactions in alkaline medium. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 16603-16614.	7.1	45
13	Effect of Ni incorporation in cobalt oxide lattice on carbon formation during ethanol decomposition reaction. <i>Applied Catalysis B: Environmental</i> , 2019, 254, 300-311.	20.2	30
14	Single Step Synthesis of Porous NiCoO <sub>2</sub> for Effective Electrooxidation of Glycerol in Alkaline Medium. <i>Journal of the Electrochemical Society</i> , 2018, 165, J3301-J3309.	2.9	36