

# Vijayshankar Dandapani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8506329/publications.pdf>

Version: 2024-02-01

8  
papers

163  
citations

1684188  
5  
h-index

1720034  
7  
g-index

8  
all docs

8  
docs citations

8  
times ranked

286  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability, reutilization, and scalability of activated hydrotalcites in aldol condensation. <i>Applied Catalysis A: General</i> , 2008, 342, 119-125.	4.3	68
2	Effect of Nanoroughness on Highly Hydrophobic and Superhydrophobic Coatings. <i>Langmuir</i> , 2012, 28, 15005-15014.	3.5	50
3	Probing the Buried Metal-Organic Coating Interfacial Reaction Kinetic Mechanisms by a Hydrogen Permeation Based Potentiometric Approach. <i>Journal of the Electrochemical Society</i> , 2016, 163, C778-C783.	2.9	15
4	Hydrogen Permeation as a Tool for Quantitative Characterization of Oxygen Reduction Kinetics at Buried Metal-Coating Interfaces. <i>Electrochimica Acta</i> , 2016, 189, 111-117.	5.2	11
5	Atomistic mechanisms of moisture-induced fracture at copper-silica interfaces. <i>Applied Physics Letters</i> , 2011, 99, 133103.	3.3	8
6	Electrochemical Corrosion Resistance of Mg Alloy ZK60 in Different Planes with Respect to Extrusion Direction. <i>Metals</i> , 2022, 12, 782.	2.3	6
7	Oxidation Behaviour of Ni-Base Superalloys in Supercritical Water: A Review. <i>Journal of the Indian Institute of Science</i> , 2022, 102, 351-389.	1.9	5
8	Nanorough silica coatings by chemical vapor deposition. <i>RSC Advances</i> , 2014, 4, 12737.	3.6	0