

# Ioannis Vamvasakis

## List of Publications by Year in descending order

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16  
papers

623  
citations

933264

10  
h-index

887953

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1123  
citing authors

#	ARTICLE	IF	CITATIONS
1	BTEX and MTBE adsorption onto raw and thermally modified diatomite. <i>Journal of Hazardous Materials</i> , 2010, 178, 136-143.	6.5	149
2	Visible-Light Photocatalytic H <sub>2</sub> Production Activity of $\text{I}^2\text{-Ni(OH)}_2$ -Modified CdS Mesoporous Nanoheterojunction Networks. <i>ACS Catalysis</i> , 2018, 8, 8726-8738.	5.5	102
3	Size Effects of Platinum Nanoparticles in the Photocatalytic Hydrogen Production Over 3D Mesoporous Networks of CdS and Pt Nanojunctions. <i>Advanced Functional Materials</i> , 2016, 26, 8062-8071.	7.8	98
4	Enhanced visible-light photocatalytic hydrogen production activity of three-dimensional mesoporous p-CuS/n-CdS nanocrystal assemblies. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 433-441.	3.0	47
5	Synthesis of WO <sub>3</sub> catalytic powders: evaluation of photocatalytic activity under NUV/visible light irradiation and alkaline reaction pH. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 76, 120-128.	1.1	45
6	Template-Directed Assembly of Metal-Chalcogenide Nanocrystals into Ordered Mesoporous Networks. <i>ACS Nano</i> , 2015, 9, 4419-4426.	7.3	35
7	Ni-doped MoS <sub>2</sub> modified graphitic carbon nitride layered hetero-nanostructures as highly efficient photocatalysts for environmental remediation. <i>Applied Catalysis B: Environmental</i> , 2021, 297, 120419.	10.8	32
8	Templated Self-Assembly of Colloidal Nanocrystals into Three-Dimensional Mesoscopic Structures: A Perspective on Synthesis and Catalytic Prospects. <i>Chemistry of Materials</i> , 2016, 28, 2886-2896.	3.2	30
9	Interface Engineering of MoS <sub>2</sub> -Modified Graphitic Carbon Nitride Nano-photocatalysts for an Efficient Hydrogen Evolution Reaction. <i>ChemPlusChem</i> , 2020, 85, 1379-1388.	1.3	19
10	Controlling Solar Hydrogen Production by Organizing Porphyrins. <i>ChemSusChem</i> , 2021, 14, 961-970.	3.6	15
11	Surface defect engineering of mesoporous Cu/ZnS nanocrystal-linked networks for improved visible-light photocatalytic hydrogen production. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 4687-4700.	3.0	11
12	Boosting photochemical activity by Ni doping of mesoporous CoO nanoparticle assemblies. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 765-774.	3.0	10
13	Mesoporous Composite Networks of Linked MnFe <sub>2</sub> O <sub>4</sub> and ZnFe <sub>2</sub> O <sub>4</sub> Nanoparticles as Efficient Photocatalysts for the Reduction of Cr(VI). <i>Catalysts</i> , 2021, 11, 199.	1.6	9
14	Enhancing interfacial charge transfer in mesoporous MoS <sub>2</sub> /CdS nanojunction architectures for highly efficient visible-light photocatalytic water splitting. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 625-636.	3.0	8
15	All-Inorganic p-n Heterojunction Solar Cells by Solution Combustion Synthesis Using N-type FeMnO <sub>3</sub> Perovskite Photoactive Layer. <i>Frontiers in Chemistry</i> , 2021, 9, 754487.	1.8	6
16	Photochemical deposition of SnS <sub>2</sub> on graphitic carbon nitride for photocatalytic aqueous Cr(VI) reduction. <i>Chemical Engineering Journal Advances</i> , 2022, 9, 100224.	2.4	6