

Vedran Jovic

List of Publications by Year in descending order

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19
papers

1,015
citations

567281

15
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1529
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning the electromechanical properties and polarization of Aluminium Nitride by ion beam-induced point defects. <i>Acta Materialia</i> , 2021, 203, 116495.	7.9	11
2	Role of phase separation in nanocomposite indium-tin-oxide films for transparent thermoelectric applications. <i>Journal of Materiomics</i> , 2021, 7, 612-620.	5.7	28
3	Momentum for Catalysis: How Surface Reactions Shape the RuO ₂ Flat Surface State. <i>ACS Catalysis</i> , 2021, 11, 1749-1757.	11.2	8
4	Methanol Adsorption on Vanadium Oxide Surfaces Observed by Ambient Pressure X-ray Photoelectron Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2021, 125, 23192-23204.	3.1	1
5	The Itinerant 2D Electron Gas of the Indium Oxide (111) Surface: Implications for Carbon and Energy Conversion Applications. <i>Small</i> , 2020, 16, e1903321.	10.0	17
6	Influence of Carrier Density and Energy Barrier Scattering on a High Seebeck Coefficient and Power Factor in Transparent Thermoelectric Copper Iodide. <i>ACS Applied Energy Materials</i> , 2020, 3, 10037-10044.	5.1	49
7	Water adsorption on vanadium oxide thin films in ambient relative humidity. <i>Journal of Chemical Physics</i> , 2020, 152, 044715.	3.0	27
8	Dirac nodal lines and flat-band surface state in the functional oxide RuO_2 . <i>Physical Review B</i> , 2018, 98, .		
9	How Indium Nitride Senses Water. <i>Nano Letters</i> , 2017, 17, 7339-7344.	9.1	18
10	Slow photon amplification of gas-phase ethanol photo-oxidation in titania inverse opal photonic crystals. <i>Chemical Physics</i> , 2016, 479, 109-121.	1.9	28
11	A soft X-ray spectroscopic perspective of electron localization and transport in tungsten doped bismuth vanadate single crystals. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 31958-31965.	2.8	16
12	Heterojunction Synergies in Titania-Supported Gold Photocatalysts: Implications for Solar Hydrogen Production. <i>ChemSusChem</i> , 2015, 8, 2551-2559.	6.8	24
13	The roles of metal co-catalysts and reaction media in photocatalytic hydrogen production: Performance evaluation of M/TiO ₂ photocatalysts (M = Pd, Pt, Au) in different alcohol-water mixtures. <i>Journal of Catalysis</i> , 2015, 329, 355-367.	6.2	307
14	Effect of the TiO ₂ Crystallite Size, TiO ₂ Polymorph and Test Conditions on the Photo-Oxidation Rate of Aqueous Methylene Blue. <i>Topics in Catalysis</i> , 2015, 58, 85-102.	2.8	30
15	Performance evaluation of Pd/TiO ₂ and Pt/TiO ₂ photocatalysts for hydrogen production from ethanol-water mixtures. <i>International Journal of Nanotechnology</i> , 2014, 11, 695.	0.2	24
16	Photocatalytic H ₂ production from ethanol over Au/TiO ₂ and Ag/TiO ₂ . <i>International Journal of Nanotechnology</i> , 2014, 11, 686.	0.2	18
17	Photocatalytic H ₂ Production from Ethanol-Water Mixtures Over Pt/TiO ₂ and Au/TiO ₂ Photocatalysts: A Comparative Study. <i>Topics in Catalysis</i> , 2013, 56, 1139-1151.	2.8	66
18	The role of CuO in promoting photocatalytic hydrogen production over TiO ₂ . <i>International Journal of Hydrogen Energy</i> , 2013, 38, 15036-15048.	7.1	129

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19	Effect of gold loading and TiO ₂ support composition on the activity of Au/TiO ₂ photocatalysts for H ₂ production from ethanol-water mixtures. Journal of Catalysis, 2013, 305, 307-317.	6.2	189