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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Dispersion of Defects in TiO ₂ Semiconductor: Oxygen Vacancies in the Bulk and Surface of Rutile and Anatase. <i>Catalysts</i> , 2020, 10, 397.	3.5	44
2	Role of oxygen vacancy in the adsorption and dissociation of the water molecule on the surfaces of pure and Ni-doped rutile (110): a periodic full-potential DFT study. <i>Surface Science</i> , 2019, 679, 218-224.	1.9	31
3	Highly efficient hydroxyapatite/TiO ₂ composites covered by silver halides as E. coli disinfectant under visible light and dark media. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1787-1794.	2.9	19
4	Band gap reduction of (Mo+N) co-doped TiO ₂ nanotube arrays with a significant enhancement in visible light photo-conversion: A combination of experimental and theoretical study. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 21475-21498.	7.1	19
5	Ab-initio calculations of the CO adsorption and dissociation on substitutional Fe-Cu surface alloys relevant to Fischer-Tropsch Synthesis: <i>bcc</i> (Cu)Fe(100) and <i>fcc</i> (Fe)Cu(100). <i>Surface and Interface Analysis</i> , 2013, 45, 1081-1087.	1.8	18
6	Bacteriostatic Effects of Apatite-Covered Ag/AgBr/TiO ₂ Nanocomposite in the Dark: Anomaly in Bacterial Motility. <i>Journal of Physical Chemistry B</i> , 2019, 123, 787-791.	2.6	14
7	A computational study on the effect of Ni impurity and O-vacancy on the adsorption and dissociation of water molecules on the surface of anatase (101). <i>Journal of Physics and Chemistry of Solids</i> , 2020, 136, 109176.	4.0	12
8	Full-potential DFT study of CO dissociation on Fe-Cu cluster. <i>Theoretical Chemistry Accounts</i> , 2018, 137, 1.	1.4	11
9	Review of Respirable Coal Mine Dust Characterization for Mass Concentration, Size Distribution and Chemical Composition. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 426.	2.0	9
10	The effect of double impurity cluster of Ni and Co in TiO ₂ bulk; a DFT study. <i>Journal of Electroceramics</i> , 2016, 37, 79-84.	2.0	7
11	A mechanistic study of photo-oxidation of phenol and AB92 by AgBr/TiO ₂ . <i>Research on Chemical Intermediates</i> , 2019, 45, 4885-4896.	2.7	7
12	Predictive Modeling of Corrosion in Al/Mg Dissimilar Joint. <i>ChemEngineering</i> , 2019, 3, 70.	2.4	2