

Vaclovas Klimas

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

156
citations

1307594

7
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

178
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and Characterization of Anodic Films onto the Type-304 Stainless Steel in Glycerol Electrolyte. <i>Journal of Physical Chemistry C</i> , 2013, 117, 20730-20737.	3.1	33
2	Compositional and structural characterization of nanoporous films produced by iron anodizing in ethylene glycol solution. <i>Applied Surface Science</i> , 2011, 257, 3893-3897.	6.1	31
3	Effect of Joule Heating on Formation of Porous Structure of Thin Oxalic Acid Anodic Alumina Films. <i>Journal of the Electrochemical Society</i> , 2018, 165, E289-E293.	2.9	17
4	Highly efficient antimicrobial agents based on sulfur-enriched, hydrophilic molybdenum disulfide nano/microparticles and coatings functionalized with palladium nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2021, 591, 115-128.	9.4	15
5	Fabrication of Graphene-Alumina Heterostructured Films with Nanotube Morphology. <i>Journal of Physical Chemistry C</i> , 2016, 120, 9490-9497.	3.1	13
6	Fabrication of thick gel-like films by anodizing iron in a novel electrolyte based on dimethyl sulfoxide and H ₂ SiF ₆ . <i>Electrochimica Acta</i> , 2011, 56, 5452-5458.	5.2	12
7	Formation, morphology and composition of F ⁻ - and Cl ⁻ -stabilized iron ^{II} -oxyhydroxides. <i>Journal of Fluorine Chemistry</i> , 2015, 170, 1-9.	1.7	10
8	Effect of anodic oxygen evolution on cell morphology of sulfuric acid anodic alumina films. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 1453-1460.	2.5	6
9	Study on calcination of bi-layered films produced by anodizing iron in dimethyl sulfoxide electrolyte. <i>Applied Surface Science</i> , 2012, 258, 3321-3327.	6.1	5
10	Peculiarities of heating-induced transformations in Fe(III) ^{II} -oxyhydroxides. <i>Journal of Fluorine Chemistry</i> , 2015, 173, 55-62.	1.7	4
11	Cysteine-Induced Hybridization of 2D Molybdenum Disulfide Films for Efficient and Stable Hydrogen Evolution Reaction. <i>Materials</i> , 2021, 14, 1165.	2.9	4
12	Development of biofuel cell based on anode modified by glucose oxidase, <i>Spirulina platensis</i> -based lysate and multi-walled carbon nanotubes. <i>Electrochimica Acta</i> , 2022, 426, 140689.	5.2	4
13	Designing Carbon-Enriched Alumina Films Possessing Visible Light Absorption. <i>Materials</i> , 2022, 15, 2700.	2.9	2
14	Nanoporous and Nanotubular Anodic Films on Iron Substrates. <i>Synthesis and Structure. Current Nanoscience</i> , 2018, 15, 27-41.	1.2	0