

Steven C Hamm

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5446407/publications.pdf>

Version: 2024-02-01

11
papers

165
citations

1478505

6
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

303
citing authors

#	ARTICLE	IF	CITATIONS
1	Sputter-Deposition of Silver Nanoparticles into Ionic Liquid as a Sacrificial Reservoir in Antimicrobial Organosilicate Nanocomposite Coatings. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 178-184.	8.0	42
2	Ultrafine sputter-deposited Pt nanoparticles for triiodide reduction in dye-sensitized solar cells: impact of nanoparticle size, crystallinity and surface coverage on catalytic activity. <i>Nanotechnology</i> , 2012, 23, 485405.	2.6	40
3	Plasmonic gratings with nano-protrusions made by glancing angle deposition for single-molecule super-resolution imaging. <i>Nanoscale</i> , 2016, 8, 12189-12201.	5.6	29
4	Ionic conductivity enhancement of sputtered gold nanoparticle-in-ionic liquid electrolytes. <i>Journal of Materials Chemistry A</i> , 2014, 2, 792-803.	10.3	21
5	Characterization and versatile applications of low hydrogen content SiOCN grown by plasma-enhanced chemical vapor deposition. <i>Journal of Applied Physics</i> , 2014, 116, .	2.5	12
6	Plasmonic nano-protrusions: hierarchical nanostructures for single-molecule Raman spectroscopy. <i>Nanotechnology</i> , 2017, 28, 025302.	2.6	9
7	Optimal Surface Doping of Lead for Increased Electrochemical Insertion of Hydrogen into Palladium. <i>Electrochimica Acta</i> , 2017, 233, 71-77.	5.2	5
8	The impact of surface composition on Tafel kinetics leading to enhanced electrochemical insertion of hydrogen in palladium. <i>Applied Surface Science</i> , 2018, 440, 224-228.	6.1	4
9	Engineering Palladium Surfaces to Enhance the Electrochemical Storage of Hydrogen. <i>ECS Transactions</i> , 2017, 77, 65-79.	0.5	3
10	Multilayer thin film capacitors by selective etching of Pt and Ru electrodes. <i>Microelectronic Engineering</i> , 2015, 133, 92-97.	2.4	0
11	Engineering Palladium Surfaces to Enhance the Electrochemical Storage of Hydrogen. <i>ECS Meeting Abstracts</i> , 2017, . .	0.0	0