

Steven C Hamm

List of Publications by Year in descending order

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