

Peter A Defnet

List of Publications by Year in descending order

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11
papers

449
citations

933447

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1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

641
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoscale Electrochemistry Revisited. <i>Analytical Chemistry</i> , 2016, 88, 414-430.	6.5	126
2	3D Printing Ionogel Auxetic Frameworks for Stretchable Sensors. <i>Advanced Materials Technologies</i> , 2019, 4, 1900452.	5.8	78
3	Electrodeposited Gold on Carbon-Fiber Microelectrodes for Enhancing Amperometric Detection of Dopamine Release from Pheochromocytoma Cells. <i>Analytical Chemistry</i> , 2018, 90, 10049-10055.	6.5	51
4	Electrochemiluminescence (ECL)-Based Electrochemical Imaging Using a Massive Array of Bipolar Ultramicroelectrodes. <i>Analytical Chemistry</i> , 2020, 92, 6748-6755.	6.5	51
5	Temporally-Resolved Ultrafast Hydrogen Adsorption and Evolution on Single Platinum Nanoparticles. <i>Analytical Chemistry</i> , 2019, 91, 4023-4030.	6.5	30
6	Collision, Adhesion, and Oxidation of Single Ag Nanoparticles on a Polysulfide-Modified Microelectrode. <i>Journal of the American Chemical Society</i> , 2021, 143, 16154-16162.	13.7	28
7	Stochastic collision electrochemistry of single silver nanoparticles. <i>Current Opinion in Electrochemistry</i> , 2020, 22, 129-135.	4.8	27
8	Detection of Transient Nanoparticle Collision Events Using Electrochemiluminescence on a Closed Bipolar Microelectrode. <i>ChemElectroChem</i> , 2020, 7, 252-259.	3.4	21
9	Transient Electrocatalytic Water Oxidation in Single-Nanoparticle Collision. <i>Journal of Physical Chemistry C</i> , 2018, 122, 6447-6455.	3.1	17
10	Electrocatalyst Screening on a Massive Array of Closed Bipolar Microelectrodes. <i>Journal of the Electrochemical Society</i> , 2021, 168, 106502.	2.9	11
11	Analysis of Garnet by Laser-Induced Breakdown Spectroscopy—Two Practical Applications. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 705.	2.0	7