

Brian T Skinn

List of Publications by Year in descending order

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36
papers

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Pulsed Electrodeposition of Tin Electrocatalysts onto Gas Diffusion Layers for Carbon Dioxide Reduction to Formate. MRS Advances, 2017, 2, 451-458.	0.5	22
2	A nitrogen dioxide delivery system for biological media. Free Radical Biology and Medicine, 2013, 56, 44-53.	1.3	5
3	Nitric oxide delivery system for biological media. Free Radical Biology and Medicine, 2011, 50, 381-388.	1.3	4
4	Pulse Plating of Copper onto Gas Diffusion Layers for the Electroreduction of Carbon Dioxide. MRS Advances, 2018, 3, 1277-1284.	0.5	4
5	Electrochemical Peroxide Generation. ECS Transactions, 2017, 77, 947-962.	0.3	3
6	Accelerated Electrochemical Machining Tool Design via Multiphysics Modeling. ECS Transactions, 2017, 77, 963-979.	0.3	3
7	ElectroConcentration and ElectroFlotation for Dewatering/Water Purification. ECS Transactions, 2013, 45, 3-10.	0.3	2
8	Sustainable Electrochemical Machining for Metal Recovery, Elimination of Waste, and Minimization of Water Usage. ECS Transactions, 2016, 72, 1-20.	0.3	2
9	Investigation of Pulse-Reverse Electrodeposited Copper Electrocatalysts for Carbon Dioxide Reduction to Ethylene. ECS Transactions, 2017, 77, 933-946.	0.3	2
10	(Invited) Estimation of the Onset of Mass Transfer Limitations in Pulsed Electrochemical Processes. ECS Meeting Abstracts, 2019, MA2019-01, 1100-1100.	0.0	1
11	Electrochemical Machining Recycling for Metal Recovery and Waste Elimination. , 2014, , .		0
12	Atmospheric, Non-Contact and High Speed Electro Chemical Machining Processes for X-ray Optics. ECS Transactions, 2017, 77, 1255-1270.	0.3	0
13	Pulse/Pulse-Reverse Electrodeposition of Copper Electrocatalysts for CO2 Reduction to Ethylene. ECS Meeting Abstracts, 2017, , .	0.0	0
14	Coupled Microbial Electrolysis Cells and Struvite Precipitation for Enhanced Nutrient Recovery from Wastewater. ECS Meeting Abstracts, 2017, , .	0.0	0
15	Electrochemical Peroxide Generation. ECS Meeting Abstracts, 2017, , .	0.0	0
16	Pulsed Electrodeposition of Tin Electrocatalysts Onto Gas Diffusion Layers for CO2 Reduction to Formate. ECS Meeting Abstracts, 2017, , .	0.0	0
17	Tandem Pulse/Pulse-Reverse Electrochemical Machining and Electrowinning for Metal Recovery, Elimination of Waste, and Minimization of Water Usage. ECS Meeting Abstracts, 2017, , .	0.0	0
18	Accelerated Electrochemical Machining Tool Design Via Multiphysics Modeling. ECS Meeting Abstracts, 2017, , .	0.0	0

#	ARTICLE	IF	CITATIONS
19	Multiphysics Modeling of Surface Finishing Performance in Pulsed-Waveform Electrochemical Machining. ECS Meeting Abstracts, 2018, , .	0.0	0
20	Efficient Electrochemical Stripping of WC-Co Wear Coatings from Inconel® 718 Substrates. ECS Meeting Abstracts, 2018, , .	0.0	0
21	Electrochemical Peroxide Generation for in Situ Disinfection. ECS Meeting Abstracts, 2018, , .	0.0	0
22	Multiphysics Modeling Prediction of Electrochemically Machined through-Hole Geometries. ECS Meeting Abstracts, 2018, , .	0.0	0
23	Pulsed Electrodeposition of Gas-Diffusion Electrocatalysts for CO2 Reduction. ECS Meeting Abstracts, 2018, , .	0.0	0
24	Pulsed Electrodeposition of Gas Diffusion Electrocatalysts for CO2 Reduction to Value-Added Products. ECS Meeting Abstracts, 2018, , .	0.0	0
25	Fluid Flow and Current Distribution during Pulse-Reverse Electropolishing of Niobium Superconducting RF Cavities. ECS Meeting Abstracts, 2018, , .	0.0	0
26	Eliminating the Formation of Hexavalent Chromium in Chrome Stripping Operations Using Pulse Reverse Processes. ECS Meeting Abstracts, 2019, , .	0.0	0
27	Pulsed Electrodeposition of Carbon Dioxide Reduction Electrocatalysts for Space Applications. ECS Meeting Abstracts, 2019, , .	0.0	0
28	Particle Size and Morphology of Carbon Dioxide Reduction Electrocatalysts Fabricated By Pulse/Pulse-Reverse Electrodeposition. ECS Meeting Abstracts, 2019, , .	0.0	0
29	Electrophoretically Deposited Graphene-Based Coatings for Spacecraft Charging Mitigation. ECS Meeting Abstracts, 2019, , .	0.0	0
30	Multiphysics Modeling of the Tertiary Current Distribution in Pulse/Pulse-Reverse Electrochemical Processing of Microstructured Workpieces. ECS Meeting Abstracts, 2019, , .	0.0	0
31	(Invited) Stray Light Suppression Using Carbon Nanotube Based Black Coating. ECS Meeting Abstracts, 2019, , .	0.0	0
32	Pulsed Electrophoretic Deposition of Carbon Nanotubes for Anti-Reflective Coatings. ECS Meeting Abstracts, 2019, , .	0.0	0
33	On Demand Electrochemical Peroxide Generation for Disinfection. ECS Meeting Abstracts, 2019, , .	0.0	0
34	Pulsed Electrodeposition of Tin Gas-Diffusion Electrocatalysts for CO2 Reduction to Formate. ECS Meeting Abstracts, 2020, MA2020-01, 2637-2637.	0.0	0
35	Multiphysics Modeling Prediction of Electrochemically Machined Workpiece Geometries. ECS Meeting Abstracts, 2020, MA2020-01, 1274-1274.	0.0	0
36	(Invited) Transition from Coupon Observation to Part Processing and the Challenges in Between. ECS Meeting Abstracts, 2019, MA2019-01, 1099-1099.	0.0	0