

Lok-kun Tsui

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

9

papers

52

citations

4

h-index

7

g-index

28

ext. papers

110

ext. citations

4.2

avg, IF

2.56

L-index

#	Paper	IF	Citations
9	impedance.py: A Python package for electrochemical impedance analysis. <i>Journal of Open Source Software</i> , 2020 , 5, 2349	5.2	21
8	Automatic signal decoding and sensor stability of a 3-electrode mixed-potential sensor for NO _x /NH ₃ quantification. <i>Electrochimica Acta</i> , 2018 , 283, 141-148	6.7	11
7	Quantitative decoding of the response a ceramic mixed potential sensor array for engine emissions control and diagnostics. <i>Sensors and Actuators B: Chemical</i> , 2017 , 249, 673-684	8.5	5
6	Additively manufactured mixed potential electrochemical sensors for NO _x , C ₃ H ₈ , and NH ₃ detection. <i>Progress in Additive Manufacturing</i> , 2019 , 4, 13-21	5	4
5	High Resolution Aerosol Jet Printed Components with Electrodeposition-Enhanced Conductance. <i>ECS Journal of Solid State Science and Technology</i> , 2021 , 10, 047001	2	4
4	Combined Mixed Potential Electrochemical Sensors and Artificial Neural Networks for the Quantification and Identification of Methane in Natural Gas Emissions Monitoring. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 097506	3.9	3
3	Characterization of Electrochemical Surface Area and Porosity of Zirconia Sensors. <i>ECS Transactions</i> , 2017 , 77, 1087-1094	1	1
2	Additive manufacturing and characterization of AgI and AgI/Al ₂ O ₃ composite electrolytes for resistive switching devices. <i>Journal of Applied Physics</i> , 2020 , 128, 035103	2.5	1
1	IoT-Based Sensor Systems for Intelligence in Transportation, Healthcare and Natural Gas Detection. <i>ECS Transactions</i> , 2020 , 98, 17-23	1	1