Lok-kun Tsui

List of Publications by Citations

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. *Journal of Open Source Software*, **2020**, 5, 2349	5.2	21
8	Automatic signal decoding and sensor stability of a 3-electrode mixed-potential sensor for NOx/NH3 quantification. *Electrochimica Acta*, **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. *Sensors and Actuators B: Chemical*, **2017**, 249, 673-684	8.5	5
6	Additively manufactured mixed potential electrochemical sensors for NOx, C3H8, and NH3 detection. *Progress in Additive Manufacturing*, **2019**, 4, 13-21	5	4
5	High Resolution Aerosol Jet Printed Components with Electrodeposition-Enhanced Conductance. *ECS Journal of Solid State Science and Technology*, **2021**, 10, 047001	2	4
4	Combined Mixed Potential Electrochemical Sensors and Artificial Neural Networks for the Quantificationand Identification of Methane in Natural Gas Emissions Monitoring. *Journal of the Electrochemical Society*, **2021**, 168, 097506	3.9	3
3	Characterization of Electrochemical Surface Area and Porosity of Zirconia Sensors. *ECS Transactions* , **2017**, 77, 1087-1094	1	1
2	Additive manufacturing and characterization of AgI and AgI/Al2O3 composite electrolytes for resistive switching devices. *Journal of Applied Physics*, **2020**, 128, 035103	2.5	1
1	IoT-Based Sensor Systems for Intelligence in Transportation, Healthcare and Natural Gas Detection. *ECS Transactions*, **2020**, 98, 17-23	1	