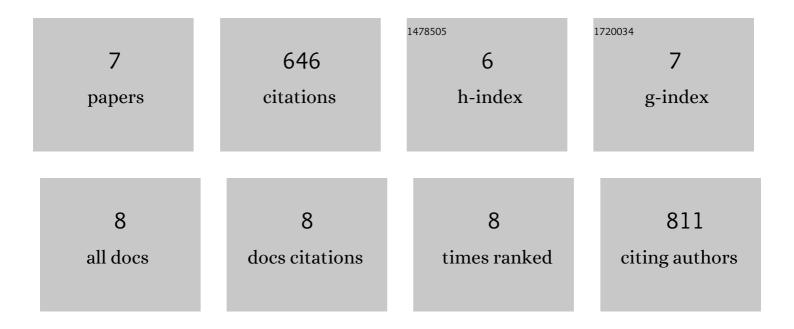
Kieran B O'regan

List of Publications by Year in descending order

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KIEDAN R O'DECAN

#	Article	IF	CITATIONS
1	Review of parameterisation and a novel database (LiionDB) for continuum Li-ion battery models. Progress in Energy, 2022, 4, 032004.	10.9	35
2	Frequency domain non-linear characterization and analysis of lithium-ion battery electrodes. Journal of Energy Storage, 2021, 36, 102371.	8.1	7
3	Multi-length scale microstructural design of lithium-ion battery electrodes for improved discharge rate performance. Energy and Environmental Science, 2021, 14, 5929-5946.	30.8	48
4	Lithium-ion battery cathode and anode potential observer based on reduced-order electrochemical single particle model. Journal of Energy Storage, 2021, 44, 103324.	8.1	23
5	Microstructural Evolution of Battery Electrodes During Calendering. Joule, 2020, 4, 2746-2768.	24.0	95
6	Development of Experimental Techniques for Parameterization of Multi-scale Lithium-ion Battery Models. Journal of the Electrochemical Society, 2020, 167, 080534.	2.9	221
7	3D microstructure design of lithium-ion battery electrodes assisted by X-ray nano-computed tomography and modelling. Nature Communications, 2020, 11, 2079.	12.8	217