Anthony J R Rennie

List of Publications by Year
in descending order

17	1,788	758635 12	996533 15
papers	citations	h-index	g-index

17	17	17	3266
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identifying the Performance Limitations of Layered Oxide Sodium-Ion Batteries Using EIS. ECS Meeting Abstracts, 2019, , .	0.0	0
2	Improved Performance of Ionic Liquid Supercapacitors by using Tetracyanoborate Anions. ChemElectroChem, 2018, 5, 598-604.	1.7	34
3	Design considerations for ionic liquid based electrochemical double layer capacitors. Electrochimica Acta, 2018, 270, 453-460.	2.6	18
4	Biotemplating: a sustainable synthetic methodology for Na-ion battery materials. Journal of Materials Chemistry A, 2018, 6, 5346-5355.	5.2	5
5	A review of magnesiothermic reduction of silica to porous silicon for lithium-ion battery applications and beyond. Journal of Materials Chemistry A, 2018, 6, 18344-18356.	5.2	171
6	Aqueous batteries as grid scale energy storage solutions. Renewable and Sustainable Energy Reviews, 2017, 68, 1174-1182.	8.2	234
7	Ionic liquids containing tricyanomethanide anions: physicochemical characterisation and performance as electrochemical double-layer capacitor electrolytes. Physical Chemistry Chemical Physics, 2017, 19, 16867-16874.	1.3	27
8	Using Polymeric Ionic Liquids as an Active Binder in Supercapacitors. Journal of the Electrochemical Society, 2017, 164, A3253-A3258.	1.3	7
9	Influence of Particle Size Distribution on the Performance of Ionic Liquid-based Electrochemical Double Layer Capacitors. Scientific Reports, 2016, 6, 22062.	1.6	52
10	CO2-Derived Fuels forÂEnergy Storage. , 2015, , 33-44.		3
11	Ionic Liquids Containing Sulfonium Cations as Electrolytes for Electrochemical Double Layer Capacitors. Journal of Physical Chemistry C, 2015, 119, 23865-23874.	1.5	59
12	Ionic liquid based EDLCs: influence of carbon porosity on electrochemical performance. Faraday Discussions, 2014, 172, 163-177.	1.6	15
13	Great Britain's Energy Vectors and Transmission Level Energy Storage. Energy Procedia, 2014, 62, 619-628.	1.8	5
14	Ether-Bond-Containing Ionic Liquids as Supercapacitor Electrolytes. Journal of Physical Chemistry Letters, 2013, 4, 2970-2974.	2.1	67
15	Nitrogen-enriched carbon electrodes in electrochemical capacitors: investigating accessible porosity using CM-SANS. Physical Chemistry Chemical Physics, 2013, 15, 16774.	1.3	19
16	Historical daily gas and electrical energy flows through Great Britain's transmission networks and the decarbonisation of domestic heat. Energy Policy, 2013, 61, 301-305.	4.2	68
17	Energy storage in electrochemical capacitors: designing functional materials to improve performance. Energy and Environmental Science, 2010, 3, 1238.	15.6	1,004