Eric Jianfeng Cheng

List of Publications by Year
in descending order

17	945	840776 11	996975 15
papers	citations	h-index	g-index

17	17	17	1451
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Intergranular Li metal propagation through polycrystalline Li6.25Al0.25La3Zr2O12 ceramic electrolyte. Electrochimica Acta, 2017, 223, 85-91.	5.2	520
2	Mechanical and physical properties of LiNi0.33Mn0.33Co0.33O2 (NMC). Journal of the European Ceramic Society, 2017, 37, 3213-3217.	5.7	90
3	Elastic properties of lithium cobalt oxide (LiCoO₂). Journal of Asian Ceramic Societies, 2017, 5, 113-117.	2.3	87
4	Recent progress for all solid state battery using sulfide and oxide solid electrolytes. Journal Physics D: Applied Physics, 2019, 52, 103001.	2.8	67
5	Ceramic-Based Flexible Sheet Electrolyte for Li Batteries. ACS Applied Materials & Interfaces, 2020, 12, 10382-10388.	8.0	47
6	Mechanical properties of individual phases of ZrB2-ZrC eutectic composite measured by nanoindentation. Journal of the European Ceramic Society, 2017, 37, 4223-4227.	5.7	29
7	Rod-like eutectic structure of arc-melted TiB2â€“TiC N1â^' composite. Journal of the European Ceramic Society, 2014, 34, 2089-2094.	5.7	24
8	Effects of porosity and ionic liquid impregnation on ionic conductivity of garnet-based flexible sheet electrolytes. Journal of Power Sources, 2022, 517, 230705.	7.8	19
9	Long-Range Ordered Structure of Ti-B-C-N in a TiB2 -TiC x N1â^'x Eutectic Composite. Journal of the American Ceramic Society, 2014, 97, 2423-2426.	3.8	13
10	Cast-in-place, ambiently-dried, silica-based, high-temperature insulation. Acta Materialia, 2017, 127, 450-462.	7.9	12
11	An approach for increase of reinforcement content in particle rich zone of centrifugally cast SiCP/Al composites. Journal of Composite Materials, 2012, 46, 1021-1027.	2.4	11
12	Ionic liquid-containing cathodes empowering ceramic solid electrolytes. IScience, 2022, 25, 103896.	4.1	11
13	ZrB₂â€“ZrC_xN_{1â^'x} Eutectic Composites Produced by Melt Solidification. Journal of the American Ceramic Society, 2016, 99, 667-673.	3.8	9
14	Microstructure of ZrB2â€“ZrN directionally solidified eutectic composite by arc-melting. Journal of Asian Ceramic Societies, 2018, 6, 102-107.	2.3	5
15	Lamellar and Rod-Like Eutectic Growth of TiB₂-TiC-TiN Composites by Arc-Melting. Key Engineering Materials, 2014, 616, 43-46.	0.4	1
16	Ionic Liquid Therapy for Reducing Interfacial Resistance Between Electrode and Ceramic Solid Electrolyte. SSRN Electronic Journal, 0, , .	0.4	0
17	Garnet-Based Flexible Composite Sheet Electrolyte. ECS Meeting Abstracts, 2019, , .	0.0	0