

Eric Jianfeng Cheng

List of Publications by Year in descending order

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17
papers

945
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840776

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times ranked

1451
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of porosity and ionic liquid impregnation on ionic conductivity of garnet-based flexible sheet electrolytes. <i>Journal of Power Sources</i> , 2022, 517, 230705.	7.8	19
2	Ionic liquid-containing cathodes empowering ceramic solid electrolytes. <i>IScience</i> , 2022, 25, 103896.	4.1	11
3	Ceramic-Based Flexible Sheet Electrolyte for Li Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 10382-10388.	8.0	47
4	Recent progress for all solid state battery using sulfide and oxide solid electrolytes. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 103001.	2.8	67
5	Garnet-Based Flexible Composite Sheet Electrolyte. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
6	Microstructure of ZrB ₂ -ZrN directionally solidified eutectic composite by arc-melting. <i>Journal of Asian Ceramic Societies</i> , 2018, 6, 102-107.	2.3	5
7	Cast-in-place, ambiently-dried, silica-based, high-temperature insulation. <i>Acta Materialia</i> , 2017, 127, 450-462.	7.9	12
8	Mechanical and physical properties of LiNi _{0.33} Mn _{0.33} Co _{0.33} O ₂ (NMC). <i>Journal of the European Ceramic Society</i> , 2017, 37, 3213-3217.	5.7	90
9	Mechanical properties of individual phases of ZrB ₂ -ZrC eutectic composite measured by nanoindentation. <i>Journal of the European Ceramic Society</i> , 2017, 37, 4223-4227.	5.7	29
10	Elastic properties of lithium cobalt oxide (LiCoO ₂). <i>Journal of Asian Ceramic Societies</i> , 2017, 5, 113-117.	2.3	87
11	Intergranular Li metal propagation through polycrystalline Li _{6.25} Al _{0.25} La ₃ Zr ₂ O ₁₂ ceramic electrolyte. <i>Electrochimica Acta</i> , 2017, 223, 85-91.	5.2	520
12	ZrB ₂ -ZrC-N Eutectic Composites Produced by Melt Solidification. <i>Journal of the American Ceramic Society</i> , 2016, 99, 667-673.	3.8	9
13	Lamellar and Rod-Like Eutectic Growth of TiB ₂ -TiC-TiN Composites by Arc-Melting. <i>Key Engineering Materials</i> , 2014, 616, 43-46.	0.4	1
14	Long-Range Ordered Structure of Ti-B-C-N in a TiB ₂ -TiC x N _{1-x} Eutectic Composite. <i>Journal of the American Ceramic Society</i> , 2014, 97, 2423-2426.	3.8	13
15	Rod-like eutectic structure of arc-melted TiB ₂ -TiC N _{1-x} composite. <i>Journal of the European Ceramic Society</i> , 2014, 34, 2089-2094.	5.7	24
16	An approach for increase of reinforcement content in particle rich zone of centrifugally cast SiCP/Al composites. <i>Journal of Composite Materials</i> , 2012, 46, 1021-1027.	2.4	11
17	Ionic Liquid Therapy for Reducing Interfacial Resistance Between Electrode and Ceramic Solid Electrolyte. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0