

Nathan Nakamura

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Tailoring Electrode-Electrolyte Interfaces in Lithium-Ion Batteries Using Molecularly Engineered Functional Polymers. ACS Applied Materials & Interfaces, 2021, 13, 9919-9931.	8.0	27
2	Multiscale operando X-ray investigations provide insights into electro-chemo-mechanical behavior of lithium intercalation cathodes. Applied Energy, 2021, 299, 117315.	10.1	17
3	Linking far-from-equilibrium defect structures in ceramics to electromagnetic driving forces. Journal of Materials Chemistry A, 2021, 9, 8425-8434.	10.3	2
4	<i>In situ</i> synchrotron pair distribution function analysis to monitor synthetic pathways under electromagnetic excitation. Journal of Materials Chemistry A, 2020, 8, 15909-15918.	10.3	11
5	Engineering lithium-ion battery cathodes for high-voltage applications using electromagnetic excitation. Journal of Materials Science, 2020, 55, 12177-12190.	3.7	10
6	Defect-Mediated Anisotropic Lattice Expansion in Ceramics as Evidence for Nonthermal Coupling between Electromagnetic Fields and Matter. Advanced Engineering Materials, 2019, 21, 1900762.	3.5	6
7	Synchrotron X-ray characterization of materials synthesized under microwave irradiation. Journal of Materials Research, 2019, 34, 194-205.	2.6	8
8	Thermal conductivity of poly(3,4-ethylenedioxythiophene) films engineered by oxidative chemical vapor deposition (oCVD). RSC Advances, 2018, 8, 19348-19352.	3.6	28
9	Molecularly grafted, structurally integrated multifunctional polymer thin films with improved adhesion. Surface and Coatings Technology, 2018, 349, 963-968.	4.8	2
10	Unlocking the structure of mixed amorphous-crystalline ceramic oxide films synthesized under low temperature electromagnetic excitation. Journal of Materials Chemistry A, 2017, 5, 18434-18441.	10.3	20
11	Design for low-temperature microwave-assisted crystallization of ceramic thin films. Applied Stochastic Models in Business and Industry, 2017, 33, 314-321.	1.5	10