Corie L Cobb

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8799316/publications.pdf

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22	640	1162367 8	1281420 11
papers	citations	h-index	g-index

22	22	22	856
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Challenges in Lithium Metal Anodes for Solid-State Batteries. ACS Energy Letters, 2020, 5, 922-934.	8.8	322
2	The 2021 flexible and printed electronics roadmap. Flexible and Printed Electronics, 2021, 6, 023001.	1.5	100
3	3D Printing Ionogel Auxetic Frameworks for Stretchable Sensors. Advanced Materials Technologies, 2019, 4, 1900452.	3.0	78
4	Modeling mass and density distribution effects on the performance of co-extruded electrodes for high energy density lithium-ion batteries. Journal of Power Sources, 2014, 249, 357-366.	4.0	52
5	Communicationâ€"Analysis of Thick Co-Extruded Cathodes for Higher-Energy-and-Power Lithium-Ion Batteries. Journal of the Electrochemical Society, 2017, 164, A1339-A1341.	1.3	29
6	Case-Based Reasoning for Evolutionary MEMS Design. Journal of Computing and Information Science in Engineering, 2010, 10, .	1.7	12
7	Progress in fine-line metallization by co-extrusion printing on cast monosilicon PERC solar cells. Solar Energy Materials and Solar Cells, 2015, 142, 18-23.	3.0	12
8	MEMS design synthesis: integrating case-based reasoning and multi-objective genetic algorithms. , 2006, 6414, 332.		8
9	Modeling meso- and microstructure in materials patterned with acoustic focusing. Materials and Design, 2021, 202, 109512.	3.3	8
10	Case-Based Reasoning for the Design of Micro-Electro-Mechanical Systems. , 2006, , .		6
11	Anisotropic Thermally Conductive Composites Enabled by Acoustophoresis and Stereolithography. Advanced Functional Materials, 2022, 32, .	7.8	6
12	Modeling Current Density Non-Uniformities to Understand High-Rate Limitations in 3D Interdigitated Lithium-ion Batteries. Journal of the Electrochemical Society, 2021, 168, 100512.	1.3	3
13	Knowledge-Based Evolutionary Linkage in MEMS Design Synthesis. Studies in Computational Intelligence, 2008, , 461-483.	0.7	2
14	Case-based reasoning and object-oriented data structures exploit biological analogs to generate virtual evolutionary linkages. , 2007, , .		1
15	Longitudinal Study of Learning Outcomes in a New Product Development Class. , 2007, , .		1
16	Phase-Inversion Polymer Composite Separators for Printable Lithium-Ion Batteries. ECS Meeting Abstracts, 2021, MA2021-01, 262-262.	0.0	0
17	Computational Modeling of Solid State Lithium-Ion Battery Architectures: Opportunities and Challenges. ECS Meeting Abstracts, 2018, , .	0.0	0
18	Towards Computational Modeling and Design of Solid-State Lithium-Ion Battery Architectures. ECS Meeting Abstracts, 2019, , .	0.0	0

#	Article	IF	Citations
19	Architecting Three-Dimensional Lithium-Ion Battery Electrodes Using Acoustic Focusing. ECS Meeting Abstracts, 2021, MA2021-02, 470-470.	0.0	0
20	Understanding Non-Uniformities in 3D Lithium-Ion Battery Electrode Architectures. ECS Meeting Abstracts, 2020, MA2020-02, 80-80.	0.0	0
21	Design and Large-Area Fabrication Considerations for 3D Lithium-Ion Battery Electrode Architectures. ECS Meeting Abstracts, 2020, MA2020-02, 145-145.	0.0	0
22	Modeling Current Density Non-Uniformity to Detect Premature Failure in 3D Lithium-Ion Batteries. ECS Meeting Abstracts, 2021, MA2021-02, 429-429.	0.0	0