

# Corie L Cobb

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

640  
citations

1162367

8  
h-index

1281420

11  
g-index

22  
all docs

22  
docs citations

22  
times ranked

856  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anisotropic Thermally Conductive Composites Enabled by Acoustophoresis and Stereolithography. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	6
2	Modeling meso- and microstructure in materials patterned with acoustic focusing. <i>Materials and Design</i> , 2021, 202, 109512.	3.3	8
3	Phase-Inversion Polymer Composite Separators for Printable Lithium-Ion Batteries. <i>ECS Meeting Abstracts</i> , 2021, MA2021-01, 262-262.	0.0	0
4	The 2021 flexible and printed electronics roadmap. <i>Flexible and Printed Electronics</i> , 2021, 6, 023001.	1.5	100
5	Modeling Current Density Non-Uniformities to Understand High-Rate Limitations in 3D Interdigitated Lithium-ion Batteries. <i>Journal of the Electrochemical Society</i> , 2021, 168, 100512.	1.3	3
6	Architecting Three-Dimensional Lithium-Ion Battery Electrodes Using Acoustic Focusing. <i>ECS Meeting Abstracts</i> , 2021, MA2021-02, 470-470.	0.0	0
7	Modeling Current Density Non-Uniformity to Detect Premature Failure in 3D Lithium-Ion Batteries. <i>ECS Meeting Abstracts</i> , 2021, MA2021-02, 429-429.	0.0	0
8	Challenges in Lithium Metal Anodes for Solid-State Batteries. <i>ACS Energy Letters</i> , 2020, 5, 922-934.	8.8	322
9	Understanding Non-Uniformities in 3D Lithium-Ion Battery Electrode Architectures. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 80-80.	0.0	0
10	Design and Large-Area Fabrication Considerations for 3D Lithium-Ion Battery Electrode Architectures. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 145-145.	0.0	0
11	3D Printing Ionogel Auxetic Frameworks for Stretchable Sensors. <i>Advanced Materials Technologies</i> , 2019, 4, 1900452.	3.0	78
12	Towards Computational Modeling and Design of Solid-State Lithium-Ion Battery Architectures. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
13	Computational Modeling of Solid State Lithium-Ion Battery Architectures: Opportunities and Challenges. <i>ECS Meeting Abstracts</i> , 2018, , .	0.0	0
14	Communicationâ€™Analysis of Thick Co-Extruded Cathodes for Higher-Energy-and-Power Lithium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2017, 164, A1339-A1341.	1.3	29
15	Progress in fine-line metallization by co-extrusion printing on cast monosilicon PERC solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2015, 142, 18-23.	3.0	12
16	Modeling mass and density distribution effects on the performance of co-extruded electrodes for high energy density lithium-ion batteries. <i>Journal of Power Sources</i> , 2014, 249, 357-366.	4.0	52
17	Case-Based Reasoning for Evolutionary MEMS Design. <i>Journal of Computing and Information Science in Engineering</i> , 2010, 10, .	1.7	12
18	Knowledge-Based Evolutionary Linkage in MEMS Design Synthesis. <i>Studies in Computational Intelligence</i> , 2008, , 461-483.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Case-based reasoning and object-oriented data structures exploit biological analogs to generate virtual evolutionary linkages. , 2007, , .		1
20	Longitudinal Study of Learning Outcomes in a New Product Development Class. , 2007, , .		1
21	MEMS design synthesis: integrating case-based reasoning and multi-objective genetic algorithms. , 2006, 6414, 332.		8
22	Case-Based Reasoning for the Design of Micro-Electro-Mechanical Systems. , 2006, , .		6