

John R Miller

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

7,195
citations

516215

16
h-index

713013

21
g-index

24
all docs

24
docs citations

24
times ranked

9317
citing authors

#	ARTICLE	IF	CITATIONS
1	Storage system design based on equivalent-circuit-model simulations: Comparison of eight different electrochemical capacitor storage systems. <i>Journal of Power Sources</i> , 2021, 491, 229441.	4.0	2
2	Measurement of gas pressure in packaged electric double layer capacitors. <i>Journal of Power Sources</i> , 2021, 509, 230366.	4.0	4
3	Electrical characteristics of large state-of-the-art electrochemical capacitors. <i>Electrochimica Acta</i> , 2019, 307, 564-572.	2.6	12
4	Study of solid alkaline electrolyte under high temperatures and its application in electrochemical capacitors for AC line-filtering. <i>Journal of Power Sources</i> , 2019, 417, 145-149.	4.0	11
5	Fast Response, Carbon-Black-Coated, Vertically-Oriented Graphene Electric Double Layer Capacitors. <i>Journal of the Electrochemical Society</i> , 2018, 165, A924-A931.	1.3	25
6	Perspective on electrochemical capacitor energy storage. <i>Applied Surface Science</i> , 2018, 460, 3-7.	3.1	50
7	Materials for Electrochemical Capacitors. , 2017, , 495-561.		25
8	Value Quantification of Electrochemical Capacitor Active Material. <i>Journal of the Electrochemical Society</i> , 2017, 164, A2732-A2737.	1.3	6
9	Electric double layer capacitors for ac filtering made from vertically oriented graphene nanosheets on aluminum. <i>Carbon</i> , 2017, 111, 231-237.	5.4	64
10	Engineering electrochemical capacitor applications. <i>Journal of Power Sources</i> , 2016, 326, 726-735.	4.0	109
11	Solid-state electric double layer capacitors for ac line-filtering. <i>Energy Storage Materials</i> , 2016, 4, 66-70.	9.5	39
12	Vertically-Oriented Graphene Electric Double Layer Capacitor Designs. <i>Journal of the Electrochemical Society</i> , 2015, 162, A5077-A5082.	1.3	60
13	Fast Response, Vertically Oriented Graphene Nanosheet Electric Double Layer Capacitors Synthesized from C ₂ H ₂ . <i>ACS Nano</i> , 2014, 8, 5873-5882.	7.3	129
14	Investigation of defects generated in vertically oriented graphene. <i>Carbon</i> , 2013, 64, 92-100.	5.4	48
15	Valuing Reversible Energy Storage. <i>Science</i> , 2012, 335, 1312-1313.	6.0	166
16	A high density of vertically-oriented graphenes for use in electric double layer capacitors. <i>Carbon</i> , 2012, 50, 5481-5488.	5.4	133
17	Graphene electric double layer capacitor with ultra-high-power performance. <i>Electrochimica Acta</i> , 2011, 56, 10443-10449.	2.6	150
18	Graphene Double-Layer Capacitor with ac Line-Filtering Performance. <i>Science</i> , 2010, 329, 1637-1639.	6.0	1,239

#	ARTICLE	IF	CITATIONS
19	Introduction to electrochemical capacitor technology. IEEE Electrical Insulation Magazine, 2010, 26, 40-47.	1.1	49
20	Electrochemical Capacitors for Energy Management. Science, 2008, 321, 651-652.	6.0	4,116
21	Electrochemical Capacitors: Challenges and Opportunities for Real-World Applications. Electrochemical Society Interface, 2008, 17, 53-57.	0.3	638
22	Electrochemical capacitor thermal management issues at high-rate cycling. Electrochimica Acta, 2006, 52, 1703-1708.	2.6	108