

The strategic offense initiative? the soviets and star war

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Packing nanomechanics of viral genomes. <i>European Physical Journal E</i> , 2008, 26, 317-25.	1.6	21
2	Remembering Reagan and SDI. <i>Physics Today</i> , 2008, 61, 10-10.	0.3	1
3	A New Way to Manufacture a Carbon Nanotubes Supercapacitor. <i>Advanced Materials Research</i> , 2009, 79-82, 47-50.	0.3	0
4	Digital quantum batteries: Energy and information storage in nanovacuum tube arrays. <i>Complexity</i> , 2010, 15, 48-55.	1.6	29
5	Characterizing capacity loss of lithium oxygen batteries by impedance spectroscopy. <i>Journal of Power Sources</i> , 2010, 195, 6817-6824.	7.8	148
6	Computational modeling of carbon nanostructures for energy storage applications. , 2010, , .		1
8	Towards commercial products by nanocasting: characterization and lithium insertion properties of carbons with a macroporous, interconnected pore structure. <i>Journal of Materials Chemistry</i> , 2012, 22, 10787.	6.7	33
9	Structural investigations of $\gamma\text{Na}_2\text{S}+(1-\gamma)\text{PS}_5/2$ glasses using Raman and infrared spectroscopies. <i>Journal of Non-Crystalline Solids</i> , 2012, 358, 3216-3222.	3.1	40
10	Graphene-based supercapacitors in the parallel-plate electrode configuration: Ionic liquids versus organic electrolytes. <i>Faraday Discussions</i> , 2012, 154, 249-263.	3.2	79
11	Advancing Understanding and Design of Functional Materials Through Theoretical and Computational Chemical Physics. , 2012, , 209-278.		3
12	Practical Aspects of Computational Chemistry II. , 2012, , .		2
13	Side-Chain Metallocene-Containing Polymers by Living and Controlled Polymerizations. <i>Israel Journal of Chemistry</i> , 2012, 52, 230-245.	2.3	65
14	On the Configuration of Supercapacitors for Maximizing Electrochemical Performance. <i>ChemSusChem</i> , 2012, 5, 818-841.	6.8	429
15	High transconductance organic electrochemical transistors. <i>Nature Communications</i> , 2013, 4, 2133.	12.8	612
16	Flexible ruthenium oxide-activated carbon cloth composites prepared by simple electrodeposition methods. <i>Energy</i> , 2013, 58, 519-526.	8.8	69
17	A simple model for ion injection and transport in conducting polymers. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	44
18	Solid-state, flexible, high strength paper-based supercapacitors. <i>Journal of Materials Chemistry A</i> , 2013, 1, 5835.	10.3	71
19	Nanostructured composite electrode based on manganese dioxide and carbon vulcanized carbon nanotubes for an electrochemical supercapacitor. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2013, 4, 035004.	1.5	16

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20	A physical interpretation of impedance at conducting polymer/electrolyte junctions. AIP Advances, 2014, 4, .	1.3	43
21	Efficient energy storage capabilities promoted by hierarchical MnCo ₂ O ₄ nanowire-based architectures. RSC Advances, 2014, 4, 17230.	3.6	60
22	Supercapacitor/biofuel cell hybrids based on wired enzymes on carbon nanotube matrices: autonomous reloading after high power pulses in neutral buffered glucose solutions. Energy and Environmental Science, 2014, 7, 1884-1888.	30.8	117
23	Supercapacitor Electrodes Derived from Carbon Dioxide. ACS Sustainable Chemistry and Engineering, 2014, 2, 735-740.	6.7	32
24	IR, Raman, and NMR Studies of the Short-Range Structures of 0.5Na ₂ S + 0.5[<i>x</i> GeS ₂ + (1- <i>x</i>)PS _{5/2}] Mixed Glass-Former Glasses. Journal of Physical Chemistry B, 2014, 118, 1943-1953.	2.6	37
25	Block copolymer electrolytes for rechargeable lithium batteries. Journal of Polymer Science, Part B: Polymer Physics, 2014, 52, 1-16.	2.1	331
26	Raman and Infrared Spectroscopic Characterization of Graphene. , 2014, , 165-194.		0
27	Finite element analysis of lithium insertion-induced expansion of a silicon thin film on a rigid substrate under potentiostatic operation. Journal of Power Sources, 2015, 275, 760-768.	7.8	18
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29	Hybrid energy storage: the merging of battery and supercapacitor chemistries. Chemical Society Reviews, 2015, 44, 1777-1790.	38.1	1,768
30	Impact of linker in polypyrrole/quinone conducting redox polymers. RSC Advances, 2015, 5, 11309-11316.	3.6	31
31	Tunable Sn structures in porosity-controlled carbon nanofibers for all-solid-state lithium-ion battery anodes. Journal of Materials Chemistry A, 2015, 3, 11021-11030.	10.3	49
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33	Vertically-aligned BCN Nanotube Arrays with Superior Performance in Electrochemical capacitors. Scientific Reports, 2014, 4, 6083.	3.3	38
34	Modified Diamond Electrodes for Electrochemical Systems for Energy Conversion and Storage. Topics in Applied Physics, 2015, , 205-235.	0.8	1
35	Association and Diffusion of Li ⁺ in Carboxymethylcellulose Solutions for Environmentally Friendly Li-ion Batteries. ChemSusChem, 2016, 9, 1804-1813.	6.8	6
36	Melanin-based flexible supercapacitors. Journal of Materials Chemistry C, 2016, 4, 9516-9525.	5.5	125
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38	Understanding volumetric capacitance in conducting polymers. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 1433-1436.	2.1	192
39	Fabrication of carbon nanotube/cobalt oxide nanocomposites via electrophoretic deposition for supercapacitor electrodes. Journal of Materials Science, 2016, 51, 2320-2329.	3.7	33
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41	Self-Assembled Array of Tethered Manganese Oxide Nanoparticles for the Next Generation of Energy Storage. Scientific Reports, 2017, 7, 44191.	3.3	10
42	Carbon nanospheres derived from <i>Lablab purpureus</i> for high performance supercapacitor electrodes: a green approach. Dalton Transactions, 2017, 46, 14034-14044.	3.3	84
43	Systematic Optimization of Battery Materials: Key Parameter Optimization for the Scalable Synthesis of Uniform, High-Energy, and High Stability $\text{LiNi}_{0.6}\text{Mn}_{0.2}\text{Co}_{0.2}\text{O}_2$ Cathode Material for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2017, 9, 35811-35819.	8.0	73
44	Evaluation of poly(4-methylacrylate) as a dielectric capacitor film for high-temperature energy storage applications. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 1497-1515.	2.1	17
45	Polypyrrole modified stainless steel as high performance anode of microbial fuel cell. Biochemical Engineering Journal, 2018, 132, 255-261.	3.6	59
46	Synthesis of ternary NiCo-MnO ₂ nanocomposite and its application as a novel high energy supercapattery device. Chemical Engineering Journal, 2018, 335, 416-433.	12.7	64
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53	Characterization of PEDOT-Quinone conducting redox polymers in water-in-salt electrolytes for safe and high-energy Li-ion batteries. Electrochemistry Communications, 2019, 105, 106489.	4.7	30
54	Few-layer MoS ₂ wrapped MnCO ₃ on graphite paper: A hydrothermally grown hybrid negative electrode for electrochemical energy storage. Chemical Engineering Journal, 2019, 373, 1233-1246.	12.7	14
56	Diamond Films as Support for Electrochemical Systems for Energy Conversion and Storage. Topics in Applied Physics, 2019, , 199-222.	0.8	0

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57	Quantitative characterization of a voltage-dependent pseudocapacitance on heteroatom-enriched nanoporous carbons. <i>Electrochimica Acta</i> , 2019, 302, 71-77.	5.2	8
58	Aerosol-based synthesis of silsesquioxane-graphene oxide and graphene-manganese oxide nanocomposites for high-performance asymmetric supercapacitors. <i>Electrochimica Acta</i> , 2019, 296, 427-437.	5.2	12
60	Modelling voltametric data from electrochemical capacitors. <i>Journal of Power Sources</i> , 2019, 417, 193-206.	7.8	24
61	1-Ethyl-3-methylimidazolium trifluoromethanesulfonate-based gel polymer electrolyte for application in electrochemical double-layer capacitors. <i>Ionics</i> , 2019, 25, 2805-2811.	2.4	4
62	Achieving high energy density and high power density with pseudocapacitive materials. <i>Nature Reviews Materials</i> , 2020, 5, 5-19.	48.7	1,138
63	Porous shiitake mushroom carbon composite with NiCo ₂ O ₄ nanorod electrochemical characteristics for efficient supercapacitor applications. <i>Ionics</i> , 2020, 26, 345-354.	2.4	23
64	In situ synthesis of polypyrrole on graphite felt as bio-anode to enhance the start-up performance of microbial fuel cells. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 429-437.	3.4	17
65	Implementation of Bismuth Chalcogenides as an Efficient Anode: A Journey from Conventional Liquid Electrolyte to an All-Solid-State Li-Ion Battery. <i>Molecules</i> , 2020, 25, 3733.	3.8	22
66	Recent advancements of metal oxides/Nitrogen-doped graphene nanocomposites for supercapacitor electrode materials. <i>Journal of Energy Storage</i> , 2020, 30, 101486.	8.1	76
67	Poly(dihydroxybenzoquinone): its high-density and robust charge storage capability in rechargeable acidic polymer-air batteries. <i>Chemical Communications</i> , 2020, 56, 4055-4058.	4.1	29
68	Machine learning surrogates for molecular dynamics simulations of soft materials. <i>Journal of Computational Science</i> , 2020, 42, 101107.	2.9	31
69	Single layers of MoS ₂ /Graphene nanosheets embedded in activated carbon nanofibers for high-performance supercapacitor. <i>Journal of Alloys and Compounds</i> , 2020, 829, 154557.	5.5	47
70	A Hybrid Electrochemical Energy Storage Device Using Sustainable Electrode Materials. <i>ChemistrySelect</i> , 2020, 5, 1597-1606.	1.5	27
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72	Interlayer material technology of manganese phosphate toward and beyond electrochemical pseudocapacitance over energy storage application. <i>Journal of Materials Science and Technology</i> , 2021, 71, 109-128.	10.7	31
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