

# Xiuyun Zhao

## List of Publications by Year in descending order

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23  
papers

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citations

687363

13  
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610901

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docs citations

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times ranked

1595  
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile synthesis of MnO/C anode materials for lithium-ion batteries. <i>Electrochimica Acta</i> , 2011, 56, 6448-6452.	5.2	151
2	Controllable synthesis of core-shell Co@CoO nanocomposites with a superior performance as an anode material for lithium-ion batteries. <i>Journal of Materials Chemistry</i> , 2011, 21, 18279.	6.7	113
3	Fe <sub>3</sub> O <sub>4</sub> /Fe/Carbon Composite and Its Application as Anode Material for Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 1350-1356.	8.0	110
4	Challenges and prospects of nanosized silicon anodes in lithium-ion batteries. <i>Nanotechnology</i> , 2021, 32, 042002.	2.6	95
5	In situ synthesis of CoS <sub>2</sub> /RGO nanocomposites with enhanced electrode performance for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2013, 579, 372-376.	5.5	81
6	In-situ generated nano-Fe <sub>3</sub> C embedded into nitrogen-doped carbon for high performance anode in lithium ion battery. <i>Electrochimica Acta</i> , 2014, 116, 292-299.	5.2	66
7	Electrochemical lithium storage of C/Co composite as an anode material for lithium ion batteries. <i>Electrochemistry Communications</i> , 2012, 18, 44-47.	4.7	55
8	Revealing the Role of Poly(vinylidene fluoride) Binder in Si/Graphite Composite Anode for Li-Ion Batteries. <i>ACS Omega</i> , 2018, 3, 11684-11690.	3.5	42
9	An Fe <sub>3</sub> O <sub>4</sub> @FeO@Fe@C composite and its application as anode for lithium-ion battery. <i>Journal of Alloys and Compounds</i> , 2012, 513, 460-465.	5.5	40
10	Crosslinked Chitosan Networks as Binders for Silicon/Graphite Composite Electrodes in Li-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2018, 165, A1110-A1121.	2.9	34
11	Voronoi Tessellated Graphite Produced by Low Temperature Catalytic Graphitization from Renewable Resources. <i>ChemSusChem</i> , 2017, 10, 3409-3418.	6.8	23
12	Electrochemical performance of Sn film reinforced by Cu nanowire. <i>Electrochimica Acta</i> , 2010, 55, 6004-6009.	5.2	21
13	Reversible lithium insertion in catalytically graphitized sugar carbon. <i>Electrochemistry Communications</i> , 2015, 60, 221-224.	4.7	16
14	Shortly Branched, Linear Dextrans as Efficient Binders for Silicon/Graphite Composite Electrodes in Li-Ion Batteries. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 9062-9074.	3.7	12
15	Self-standing mesoporous Si films as anodes for lithium-ion microbatteries. <i>Journal of Power Sources</i> , 2022, 529, 231269.	7.8	12
16	High-performance self-organized Si nanocomposite anode for lithium-ion batteries. <i>Journal of Energy Chemistry</i> , 2014, 23, 291-300.	12.9	10
17	Low Surface Area Si Alloy/Ionomer Composite Anodes for Lithium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2014, 161, A1976-A1980.	2.9	8
18	Electrochemistry of Sputtered and Ball Milled Si-Fe-O Alloys in Li Cells. <i>Journal of the Electrochemical Society</i> , 2017, 164, A1165-A1172.	2.9	8

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19	Mössbauer and Electrochemical Investigations of Carbon-Rich Fe <sub>1-x</sub> C <sub>x</sub> Films. <i>Electrochimica Acta</i> , 2015, 170, 16-24.	5.2	6
20	Role of CuO in improving NH <sub>3</sub> and SO <sub>2</sub> capture on nanoporous Fe <sub>2</sub> O <sub>3</sub> sorbents. <i>Journal of Colloid and Interface Science</i> , 2018, 521, 206-215.	9.4	6
21	Electrochemistry of Catalytically Graphitized Ball Milled Carbon in Li Batteries. <i>Journal of the Electrochemical Society</i> , 2016, 163, A858-A866.	2.9	4
22	Combinatorial Study of the Si-Sn-O System as Negative Electrode Materials in Li-Ion Cells. <i>Journal of the Electrochemical Society</i> , 2016, 163, A203-A209.	2.9	3
23	The Electrochemistry of Sputtered and Ball Milled C <sub>1-x</sub> B <sub>x</sub> (0 ≤ x ≤ 0.60) Alloys in Li and Na Cells. <i>Electrochimica Acta</i> , 2016, 209, 285-292.	5.2	1