

# Zhangxing Shi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5995270/publications.pdf>

Version: 2024-02-01

7  
papers

137  
citations

1478505

6  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

193  
citing authors

#	ARTICLE	IF	CITATIONS
1	A chemical switch enabled autonomous two-stage crosslinking polymeric binder for high performance silicon anodes. <i>Journal of Materials Chemistry A</i> , 2022, 10, 1380-1389.	10.3	15
2	TEMPO allegro: liquid catholyte redoxmers for nonaqueous redox flow batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 16769-16775.	10.3	15
3	Re-engineering Poly(Acrylic Acid) Binder toward Optimized Electrochemical Performance for Silicon Lithium-ion Batteries: Branching Architecture Leads to Balanced Properties of Polymeric Binders. <i>Advanced Functional Materials</i> , 2020, 30, 1908558.	14.9	60
4	Competitive Pi-Stacking and H-Bond Piling Increase Solubility of Heterocyclic Redoxmers. <i>Journal of Physical Chemistry B</i> , 2020, 124, 10409-10418.	2.6	10
5	Restorable Neutralization of Poly(acrylic acid) Binders toward Balanced Processing Properties and Cycling Performance for Silicon Anodes in Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 57932-57940.	8.0	19
6	Poly(Acrylic Acid) Binders: Re-engineering Poly(Acrylic Acid) Binder toward Optimized Electrochemical Performance for Silicon Lithium-ion Batteries: Branching Architecture Leads to Balanced Properties of Polymeric Binders ( <i>Adv. Funct. Mater.</i> 10/2020). <i>Advanced Functional Materials</i> , 2020, 30, 2070065.	14.9	1
7	Unexpected electrochemical behavior of an anolyte redoxmer in flow battery electrolytes: solvating cations help to fight against the thermodynamic-kinetic dilemma. <i>Journal of Materials Chemistry A</i> , 2020, 8, 13470-13479.	10.3	17