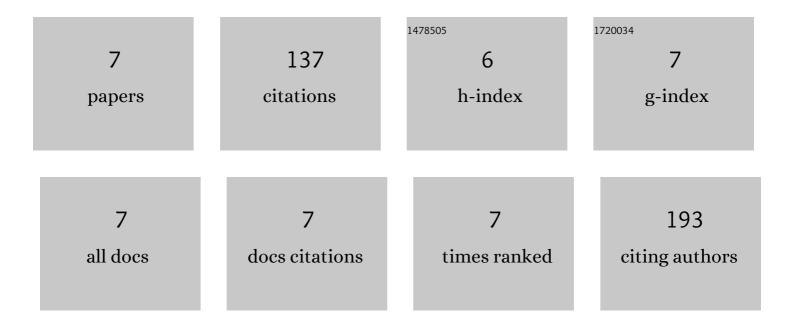
Zhangxing Shi

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5995270/publications.pdf Version: 2024-02-01



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