

# Weijin Kong

## List of Publications by Year in descending order

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13  
papers

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citations

933447

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1199594

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times ranked

315  
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#	ARTICLE	IF	CITATIONS
1	Stabilizing the Anionic Redox in 4.6 V $\text{LiCoO}_2$ Cathode through Adjusting Oxygen Magnetic Moment. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	19
2	Achieving a High-Rate and Stable $\text{Li}_4\text{Ti}_5\text{O}_{12}$ Anode via a "Three-in-One" Strategy. <i>Journal of Physical Chemistry C</i> , 2022, 126, 12283-12293.	3.1	4
3	Lattice Modulation by Ca/P Dual-Doping for Fast and Stable $\text{Li}^{+}$ Intercalation/Extraction in High-Voltage $\text{LiCoO}_2$ . <i>Journal of Physical Chemistry C</i> , 2021, 125, 2364-2372.	3.1	17
4	Unraveling the Distinct Roles of Mg Occupation on Li or Co Sites on High-Voltage $\text{LiCoO}_2$ . <i>Journal of the Electrochemical Society</i> , 2021, 168, 030528.	2.9	13
5	Simultaneously Enhancing Structural Stability and Cationic Redox in $\text{Na}_{0.67}\text{Mn}_{0.75}\text{Fe}_{0.25}\text{O}_2$ through a Synergy of Multisite Substitution. <i>Journal of Physical Chemistry C</i> , 2021, 125, 8105-8115.	3.1	6
6	Tailoring Co 3d and O 2p Band Centers to Inhibit Oxygen Escape for Stable 4.6 V $\text{LiCoO}_2$ Cathodes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 27102-27112.	13.8	89
7	Tailoring Co 3d and O 2p Band Centers to Inhibit Oxygen Escape for Stable 4.6 V $\text{LiCoO}_2$ Cathodes. <i>Angewandte Chemie</i> , 2021, 133, 27308-27318.	2.0	20
8	Understanding the Multiple Effects of $\text{TiO}_2$ Coating on $\text{Na}_{0.33}\text{Fe}_{0.33}\text{Ni}_{0.33}\text{O}_2$ Cathode Material for Na-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2020, 3, 933-942.	5.1	78
9	Tuning Both Anionic and Cationic Redox Chemistry of Li-Rich $\text{Li}_{1.2}\text{Mn}_{0.6}\text{Ni}_{0.2}\text{O}_2$ via a "Three-in-One" Strategy. <i>Chemistry of Materials</i> , 2020, 32, 9404-9414.	6.7	27
10	" $\text{P}_2\text{Na}_{0.67}\text{Mn}_{0.5}\text{Fe}_{0.5}\text{O}_2$ as a High-Voltage Cathode Material for Na-Ion Batteries". <i>Science China Materials</i> , 2020,		
11	Simultaneously tuning cationic and anionic redox in a $\text{P}_2\text{-Na}_{0.67}\text{Mn}_{0.75}\text{Ni}_{0.25}\text{O}_2$ cathode material through synergic Cu/Mg co-doping. <i>Journal of Materials Chemistry A</i> , 2019, 7, 9099-9109.	10.3	76
12	Enhancing the Rate Capability and Cycling Stability of $\text{Na}_{0.67}\text{Mn}_{0.7}\text{Fe}_{0.2}\text{Co}_{0.1}\text{O}_2$ through a Synergy of $\text{Zr}^{4+}$ Doping and $\text{ZrO}_2$ Coating. <i>Journal of Physical Chemistry C</i> , 2018, 122, 25909-25916.	3.1	28
13	Tuning Bulk O <sub>2</sub> and Nonbonding Oxygen State for Reversible Anionic Redox Chemistry in $\text{P}_2$ -Layered Cathodes. <i>Angewandte Chemie</i> , 0, , .	2.0	2