

# Long Jiang

## List of Publications by Year in descending order

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14  
papers

344  
citations

1163117

8  
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1199594

12  
g-index

14  
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docs citations

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times ranked

368  
citing authors

#	ARTICLE	IF	CITATIONS
1	Small-diameter p-type SnS nanowire photodetectors and phototransistors with low-noise and high-performance. <i>Nanotechnology</i> , 2022, 33, 135707.	2.6	12
2	Review of Double-Perovskite Electrode Design Strategies and Research Progress for SOFCs. <i>Journal of the Electrochemical Society</i> , 2022, 169, 064508.	2.9	11
3	Characterization and functional application of PrBa <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>1.5</sub> Fe <sub>0.5</sub> O <sub>5+</sub> cathode material for IT-SOFC. <i>Materials Research Bulletin</i> , 2021, 137, 111173.	5.2	28
4	Evaluation of perovskite oxides LnBaCo <sub>2</sub> O <sub>5+<math>\delta</math></sub> (Ln = La, Pr, Nd and Sm) as cathode materials for IT-SOFC. <i>Journal of Electroanalytical Chemistry</i> , 2021, 886, 115144.	3.8	27
5	Viewing the noise propagation mechanism in a unidirectional transition cascade from the perspective of stability*. <i>Chinese Physics B</i> , 2021, 30, 118704.	1.4	1
6	Structural, transport, thermal, and electrochemical properties of (La <sub>1-x</sub> Sr <sub>x</sub> ) <sub>2</sub> CoO <sub>4</sub> cathode in solid-oxide fuel cells. <i>Journal of Applied Electrochemistry</i> , 2021, 51, 411-423.	2.9	3
7	High-detectivity tin disulfide nanowire photodetectors with manipulation of localized ferroelectric polarization field. <i>Nanophotonics</i> , 2021, 10, 4637-4644.	6.0	4
8	Effects of bidirectional phenotype switching on signal noise in a bacterial community. <i>Physical Review E</i> , 2021, 104, 054116.	2.1	0
9	Noisy signal propagation and amplification in phenotypic transition cascade of colonic cells. <i>Physical Review E</i> , 2020, 102, 062411.	2.1	4
10	Enhancing the Interfacial Ionic Transport via <i>in Situ</i> 3D Composite Polymer Electrolytes for Solid-State Lithium Batteries. <i>ACS Applied Energy Materials</i> , 2020, 3, 7200-7207.	5.1	15
11	A hierarchical hybrid electrode for rapid oxygen reduction reaction below 800°C. <i>Thermal Science</i> , 2020, 24, 2455-2462.	1.1	2
12	Evaluation of Pr <sub>1+x</sub> Ba <sub>1-x</sub> Co <sub>2</sub> O <sub>5+<math>\delta</math></sub> (x = 0 - 0.30) as cathode materials for solid-oxide fuel cells. <i>Electrochimica Acta</i> , 2014, 133, 364-372.	5.2	65
13	Effects of Sr-site deficiency on structure and electrochemical performance in Sr <sub>2</sub> MgMoO <sub>6</sub> for solid-oxide fuel cell. <i>Journal of Power Sources</i> , 2014, 270, 441-448.	7.8	38
14	Thermal and electrochemical properties of PrBa <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>2-x</sub> Fe <sub>x</sub> O <sub>5+<math>\delta</math></sub> (x = 0.5, 1.0, 1.5) cathode materials for solid-oxide fuel cells. <i>Journal of Power Sources</i> , 2013, 232, 279-285.	7.8	134