

# Begoña Silván

## List of Publications by Year in descending order

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Version: 2024-02-01

7  
papers

269  
citations

1478505

6  
h-index

1872680

6  
g-index

7  
all docs

7  
docs citations

7  
times ranked

264  
citing authors

#	ARTICLE	IF	CITATIONS
1	2021 roadmap for sodium-ion batteries. JPhys Energy, 2021, 3, 031503.	5.3	125
2	On the dynamics of transition metal migration and its impact on the performance of layered oxides for sodium-ion batteries: NaFeO <sub>2</sub> as a case study. Journal of Materials Chemistry A, 2018, 6, 15132-15146.	10.3	64
3	Importance of Composite Electrolyte Processing to Improve the Kinetics and Energy Density of Li Metal Solid-State Batteries. ACS Applied Energy Materials, 2020, 3, 8344-8355.	5.1	37
4	Boosting the performance of soft carbon negative electrode for high power Na-ion batteries and Li-ion capacitors through a rational strategy of structural and morphological manipulation. Energy Storage Materials, 2022, 46, 417-430.	18.0	18
5	Progress in high-voltage MgMn <sub>2</sub> O <sub>4</sub> oxyspinel cathode materials for Mg batteries. Current Opinion in Electrochemistry, 2022, 31, 100817.	4.8	17
6	Na <sub>2.4</sub> Al <sub>0.4</sub> Mn <sub>2.6</sub> O <sub>7</sub> anionic redox cathode material for sodium-ion batteries â a combined experimental and theoretical approach to elucidate its charge storage mechanism. Journal of Materials Chemistry A, 2022, 10, 7341-7356.	10.3	8
7	Mechanistic Insight into the High Voltage Stability of Fe-Rich Transition Metal Layered Oxides As the Positive Electrode of Na-Ion Batteries. ECS Meeting Abstracts, 2020, MA2020-02, 101-101.	0.0	0