

Palanivel Molaiyan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/497516/publications.pdf>

Version: 2024-02-01

9
papers

222
citations

1307594

7
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

165
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluoride ion batteries – past, present, and future. Journal of Materials Chemistry A, 2021, 9, 5980-6012.	10.3	89
2	Perspectives on Improving the Safety and Sustainability of High Voltage Lithium-Ion Batteries Through the Electrolyte and Separator Region. Advanced Energy Materials, 2022, 12, .	19.5	64
3	Crystal phase and surface defect driven synthesis of $Pb_{1-x}Sn_xF_2$ solid solution electrolyte for fluoride ion batteries. Journal of Electroanalytical Chemistry, 2019, 845, 154-159.	3.8	17
4	Mechanochemical synthesis of solid-state electrolyte $Sm_{1-x}Ca_xF_3$ for batteries and other electrochemical devices. Materials Letters, 2019, 244, 22-26.	2.6	13
5	Surface defect-enhanced conductivity of calcium fluoride for electrochemical applications. Material Design and Processing Communications, 2019, 1, e44.	0.9	13
6	Printed electronics to accelerate solid-state battery development. Nano Express, 2022, 3, 021002.	2.4	11
7	Characterization of Stressing Conditions in a High Energy Ball Mill by Discrete Element Simulations. Processes, 2022, 10, 692.	2.8	7
8	CaF ₂ solid-state electrolytes prepared by vapor pressure exposure and solid synthesis for defect and ionic conductivity tuning. Material Design and Processing Communications, 2020, 2, e76.	0.9	5
9	Synthesis and characterization of $Ca_{1-x}Sm_xF_{2+2x}$ Tj ETQq1 1 0.784314 rgBT Processing Communications, 2021, 3, e226.	0.9	3