

# Sean D Lubner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6619884/publications.pdf>

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8  
papers

420  
citations

1307594

7  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

427  
citing authors

#	ARTICLE	IF	CITATIONS
1	Helium implantation in Si (100): Swelling, microstructure, and mechanical property changes. Journal of Applied Physics, 2022, 132, .	2.5	4
2	A Review of Existing and Emerging Methods for Lithium Detection and Characterization in Li-ion and Li-Metal Batteries. Advanced Energy Materials, 2021, 11, 2100372.	19.5	114
3	Operando spatial mapping of lithium concentration using thermal-wave sensing. Joule, 2021, 5, 2195-2210.	24.0	13
4	A review of thermal physics and management inside lithium-ion batteries for high energy density and fast charging. Energy Storage Materials, 2021, 41, 264-288.	18.0	89
5	Phase change materials for thermal energy storage: A perspective on linking phonon physics to performance. Journal of Applied Physics, 2021, 130, .	2.5	14
6	Enhanced solar evaporation using a photo-thermal umbrella for wastewater management. Nature Sustainability, 2020, 3, 144-151.	23.7	151
7	Identification and characterization of the dominant thermal resistance in lithium-ion batteries using <i>operando</i> 3-omega sensors. Journal of Applied Physics, 2020, 127, .	2.5	24
8	Temperature dependence of secondary electron emission: A new route to nanoscale temperature measurement using scanning electron microscopy. Journal of Applied Physics, 2018, 124, .	2.5	11