

# Ryoshi Ohta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1062812/publications.pdf>

Version: 2024-02-01

8  
papers

40  
citations

1937685

4  
h-index

1872680

6  
g-index

8  
all docs

8  
docs citations

8  
times ranked

24  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of PS-PVD production throughput on Si nanoparticles for negative electrode of lithium ion batteries. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 105501.	2.8	15
2	Composite Si-Ni nanoparticles produced by plasma spraying physical vapor deposition for negative electrode in Li-ion batteries. <i>Nanotechnology</i> , 2021, 32, 265703.	2.6	8
3	(Invited) Enhanced Cycle Capacity of Lithium Ion Batteries with Nanocomposite Si Anodes Produced by Rapid Co-Condensation in Plasma Spray PVD. <i>ECS Transactions</i> , 2017, 77, 41-47.	0.5	7
4	Silicon nanorod formation from powder feedstock through co-condensation in plasma flash evaporation and its feasibility for lithium-ion batteries. <i>Scientific Reports</i> , 2021, 11, 22445.	3.3	5
5	Study on liquid-like SiGe cluster growth during co-condensation from supersaturated vapor mixtures by molecular dynamics simulation. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 7442-7450.	2.8	3
6	Feasibility of silicon nanoparticles produced by fast-rate plasma spray PVD for high density lithium-ion storage. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 494002.	2.8	2
7	Formation of the multi-component Li-La-Zr-O nanoparticles by co-condensation during plasma flash evaporation. <i>Japanese Journal of Applied Physics</i> , 2021, 60, 036004.	1.5	0
8	Effect of powder loading on plasma spheroidization of hydride-dehydride titanium powders. <i>Japanese Journal of Applied Physics</i> , 2021, 60, 105507.	1.5	0