

# Venkata Surya Chaitanya Kolluru

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8644864/publications.pdf>

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5  
papers

762  
citations

1684188

5  
h-index

2053705

5  
g-index

5  
all docs

5  
docs citations

5  
times ranked

888  
citing authors

#	ARTICLE	IF	CITATIONS
1	Implicit self-consistent electrolyte model in plane-wave density-functional theory. Journal of Chemical Physics, 2019, 151, 234101.	3.0	561
2	Synthesis of borophane polymorphs through hydrogenation of borophene. Science, 2021, 371, 1143-1148.	12.6	129
3	Origin and regulation of oxygen redox instability in high-voltage battery cathodes. Nature Energy, 2022, 7, 808-817.	39.5	55
4	Ingrained: An Automated Framework for Fusing Atomic-Scale Image Simulations into Experiments. Small, 2022, 18, e2102960.	10.0	12
5	Role of magnetism on transition metal oxide surfaces in vacuum and solvent. Physical Review Materials, 2020, 4, .	2.4	5