

# Sujay Singh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11767084/publications.pdf>

Version: 2024-02-01

11  
papers

222  
citations

1163117

8  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

471  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-Insulator Transitions in $\text{Cu V}_2\text{O}_5$ Mediated by Polaron Oscillation and Cation Shuttling. Matter, 2020, 2, 1166-1186.	10.0	9
2	Electrical transport through array of electrochemically etched silicon nanorods. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1600879.	1.8	6
3	Phase coexistence and dynamical behavior in $\text{NdNiO}_3$ films. Physical Review B, 2017, 95, .	3.2	10
4	Memristive response of a new class of hydrated vanadium oxide intercalation compounds. MRS Communications, 2017, 7, 634-641.	1.8	7
5	Selective electrochemical reactivity of rutile $\text{VO}_2$ the suppression of metal-insulator transition. Physical Review B, 2016, 93, .	3.2	13
6	Proliferation of metallic domains caused by inhomogeneous heating near the electrically driven transition in $\text{VO}_2$ . Physical Review B, 2015, 92, .	3.2	13
7	Atomic Origins of Monoclinic-Tetragonal (Rutile) Phase Transition in Doped $\text{VO}_2$ Nanowires. Nano Letters, 2015, 15, 7179-7188.	9.1	52
8	Electronic Phase Transitions of $\text{Ag}_x\text{V}_2\text{O}_5$ Nanowires: Interplay between Geometric and Electronic Structures. Journal of Physical Chemistry C, 2014, 118, 21235-21243.	3.1	17
9	Scalable Hydrothermal Synthesis of Free-Standing $\text{VO}_2$ Nanowires in the M1 Phase. ACS Applied Materials & Interfaces, 2014, 6, 15726-15732.	8.0	48
10	Atomic Resolution Study of Local Strains in Doped $\text{VO}_2$ Nanowires. Microscopy and Microanalysis, 2014, 20, 1074-1075.	0.4	0
11	Charge Disproportionation and Voltage-Induced Metal-Insulator Transitions Evidenced in $\text{Pb}_x\text{V}_2\text{O}_5$ Nanowires. Advanced Functional Materials, 2013, 23, 153-160.	14.9	28