Sujay Singh

List of Publications by Year
in descending order

11	222	1163117 8	1372567 10
papers	citations	h-index	g-index

11	11	11	471
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Atomic Origins of Monoclinic-Tetragonal (Rutile) Phase Transition in Doped VO₂ Nanowires. Nano Letters, 2015, 15, 7179-7188.	9.1	52
2	Scalable Hydrothermal Synthesis of Free-Standing VO₂ Nanowires in the M1 Phase. ACS Applied Materials & Interfaces, 2014, 6, 15726-15732.	8.0	48
3	Charge Disproportionation and Voltageâ€Induced Metalâ€“Insulator Transitions Evidenced in Î²â€²-_xV₂O₅ Nanowires. Advanced Functional Materials, 2013, 23, 153-160.	14.9	28
4	Selective electrochemical reactivity of rutile<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>VO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml the suppression of metal-insulator transition. Physical Review B, 2016, 93, .	3.2	20
5	Phase coexistence and dynamical behavior in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>NdNiO</mml:mi><mml:mn>3</mml:mn></mml:msub> films. Physical Review B, 2017, 95, .	3.2	10
6	Electronic Phase Transitions of Î´-Ag_xV₂O₅ Nanowires: Interplay between Geometric and Electronic Structures. Journal of Physical Chemistry C, 2014, 118, 21235-21243.	3.1	17
7	Proliferation of metallic domains caused by inhomogeneous heating near the electrically driven transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>VO</mml:mi><mml:mn>2</mml:mn></mml:msub> Physical Review B, 2015, 92, .	3.2	13
8	Metal-Insulator Transitions in Î²â€²-Cu V2O5 Mediated by Polaron Oscillation and Cation Shuttling. Matter, 2020, 2, 1166-1186.	10.0	9
9	Memristive response of a new class of hydrated vanadium oxide intercalation compounds. MRS Communications, 2017, 7, 634-641.	1.8	7
10	Electrical transport through array of electrochemically etched silicon nanorods. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1600879.	1.8	6
11	Atomic Resolution Study of Local Strains in Doped VO2 Nanowires. Microscopy and Microanalysis, 2014, 20, 1074-1075.	0.4	0