

Jun Feng

List of Publications by Year in descending order

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18
papers

2,299
citations

840776

11
h-index

839539

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19
docs citations

19
times ranked

4586
citing authors

#	ARTICLE	IF	CITATIONS
1	Metallic Few-Layered VS ₂ Ultrathin Nanosheets: High Two-Dimensional Conductivity for In-Plane Supercapacitors. Journal of the American Chemical Society, 2011, 133, 17832-17838.	13.7	1,014
2	Giant Moisture Responsiveness of VS ₂ Ultrathin Nanosheets for Novel Touchless Positioning Interface. Advanced Materials, 2012, 24, 1969-1974.	21.0	364
3	Hydrogen-Incorporated TiS ₂ Ultrathin Nanosheets with Ultrahigh Conductivity for Stamp-Transferrable Electrodes. Journal of the American Chemical Society, 2013, 135, 5144-5151.	13.7	273
4	Superionic Phase Transition in Silver Chalcogenide Nanocrystals Realizing Optimized Thermoelectric Performance. Journal of the American Chemical Society, 2012, 134, 4287-4293.	13.7	188
5	Hydrogen-Incorporation Stabilization of Metallic VO ₂ (R) Phase to Room Temperature, Displaying Promising Low-Temperature Thermoelectric Effect. Journal of the American Chemical Society, 2011, 133, 13798-13801.	13.7	144
6	Large-area graphene realizing ultrasensitive photothermal actuator with high transparency: new prototype robotic motions under infrared-light stimuli. Journal of Materials Chemistry, 2011, 21, 18584.	6.7	111
7	Ambient rutile VO ₂ (R) hollow hierarchitectures with rich grain boundaries from new-state nsutite-type VO ₂ , displaying enhanced hydrogen adsorption behavior. Physical Chemistry Chemical Physics, 2012, 14, 4810.	2.8	65
8	Ultrafast Solid-State Transformation Pathway from New-Phased Goethite VOOH to Paramontroseite VO ₂ to Rutile VO ₂ (R). Journal of Physical Chemistry C, 2011, 115, 791-799.	3.1	49
9	Epitaxial Growth of Mg _x Ca _{1-x} O on GaN by Atomic Layer Deposition. Nano Letters, 2016, 16, 7650-7654.	9.1	30
10	Direct-Liquid-Evaporation Chemical Vapor Deposition of Nanocrystalline Cobalt Metal for Nanoscale Copper Interconnect Encapsulation. ACS Applied Materials & Interfaces, 2017, 9, 10914-10920.	8.0	17
11	Direct-liquid-evaporation chemical vapor deposition of smooth, highly conformal cobalt and cobalt nitride thin films. Journal of Materials Chemistry C, 2015, 3, 12098-12106.	5.5	16
12	Band-Offset Analysis of Atomic Layer Deposition La ₂ O ₃ on GaAs(111), (110), and (100) Surfaces for Epitaxial Growth. ACS Applied Materials & Interfaces, 2019, 11, 28515-28519.	8.0	9
13	Measurement of contact resistivity at metal-tin sulfide (SnS) interfaces. Journal of Applied Physics, 2017, 122, .	2.5	7
14	Vibrational Spectra and Adsorption of Trisiloxane Superspreading Surfactant at Air/Water Interface Studied with Sum Frequency Generation Vibrational Spectroscopy. Chinese Journal of Chemical Physics, 2008, 21, 314-323.	1.3	5
15	Synthesis of volatile, reactive coinage metal 5,5-bicyclic amidinates with enhanced thermal stability for chemical vapor deposition. Dalton Transactions, 2019, 48, 6709-6713.	3.3	4
16	Quantitative Evaluation of Cobalt Disilicide/Si Interfacial Roughness. ECS Journal of Solid State Science and Technology, 2017, 6, P345-P349.	1.8	1
17	Pure and conformal CVD nickel and nickel monosilicide in high-aspect-ratio structures analyzed by atom probe tomography. Journal of Applied Physics, 2017, 121, 175301.	2.5	1
18	Vapor deposition of copper-manganese interconnects. , 2016, , .		0