

# Jun Feng

## List of Publications by Year in descending order

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18  
papers

2,299  
citations

840776

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839539

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Band-Offset Analysis of Atomic Layer Deposition $\text{La}_{2}\text{O}_{3}$ on GaAs(111), (110), and (100) Surfaces for Epitaxial Growth. ACS Applied Materials & Interfaces, 2019, 11, 28515-28519.	8.0	9
2	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
3	Quantitative Evaluation of Cobalt Disilicide/Si Interfacial Roughness. ECS Journal of Solid State Science and Technology, 2017, 6, P345-P349.	1.8	1
4	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
5	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
6	Measurement of contact resistivity at metal-tin sulfide (SnS) interfaces. Journal of Applied Physics, 2017, 122, .	2.5	7
7	Epitaxial Growth of $\text{MgCaO}$ on GaN by Atomic Layer Deposition. Nano Letters, 2016, 16, 7650-7654.	9.1	30
8	Vapor deposition of copper-manganese interconnects. , 2016, , .		0
9	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
10	Hydrogen-Incorporated $\text{TiS}_2$ Ultrathin Nanosheets with Ultrahigh Conductivity for Stamp-Transferrable Electrodes. Journal of the American Chemical Society, 2013, 135, 5144-5151.	13.7	273
11	Ambient rutile $\text{VO}_2(\text{R})$ hollow architectures with rich grain boundaries from new-state nsutite-type $\text{VO}_2$ , displaying enhanced hydrogen adsorption behavior. Physical Chemistry Chemical Physics, 2012, 14, 4810.	2.8	65
12	Superionic Phase Transition in Silver Chalcogenide Nanocrystals Realizing Optimized Thermoelectric Performance. Journal of the American Chemical Society, 2012, 134, 4287-4293.	13.7	188
13	Giant Moisture Responsiveness of $\text{VS}_2$ Ultrathin Nanosheets for Novel Touchless Positioning Interface. Advanced Materials, 2012, 24, 1969-1974.	21.0	364
14	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
15	Hydrogen-Incorporation Stabilization of Metallic $\text{VO}_2(\text{R})$ Phase to Room Temperature, Displaying Promising Low-Temperature Thermoelectric Effect. Journal of the American Chemical Society, 2011, 133, 13798-13801.	13.7	144
16	Ultrafast Solid-State Transformation Pathway from New-Phased Goethite $\text{VOOH}$ to Paramontroseite $\text{VO}_2$ to Rutile $\text{VO}_2(\text{R})$ . Journal of Physical Chemistry C, 2011, 115, 791-799.	3.1	49
17	Metallic Few-Layered $\text{VS}_2$ Ultrathin Nanosheets: High Two-Dimensional Conductivity for In-Plane Supercapacitors. Journal of the American Chemical Society, 2011, 133, 17832-17838.	13.7	1,014
18	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