

Run Liu

List of Publications by Year in descending order

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papers

1,039
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687363

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29
times ranked

1404
citing authors

#	ARTICLE	IF	CITATIONS
1	Epitaxial Electrodeposition of Zinc Oxide Nanopillars on Single-Crystal Gold. <i>Chemistry of Materials</i> , 2001, 13, 508-512.	6.7	256
2	Shape Control in Epitaxial Electrodeposition: Cu ₂ O Nanocubes on InP(001). <i>Chemistry of Materials</i> , 2003, 15, 4882-4885.	6.7	115
3	Morphology Control of Electrodeposited Cu ₂ O Crystals in Aqueous Solutions Using Room Temperature Hydrophilic Ionic Liquids. <i>Crystal Growth and Design</i> , 2006, 6, 2795-2798.	3.0	98
4	Epitaxial Electrodeposition of High-Aspect-Ratio Cu ₂ O(110) Nanostructures on InP(111). <i>Chemistry of Materials</i> , 2005, 17, 725-729.	6.7	74
5	Epitaxial Growth of Cuprous Oxide Electrodeposited onto Semiconductor and Metal Substrates. <i>Journal of the American Ceramic Society</i> , 2005, 88, 253-270.	3.8	63
6	Epitaxial Electrodeposition of a Crystalline Metal Oxide onto Single-Crystalline Silicon. <i>Journal of Physical Chemistry B</i> , 2002, 106, 12369-12372.	2.6	52
7	Morphology-tunable synthesis and characterizations of Mg(OH) ₂ films via a cathodic electrochemical process. <i>Materials Chemistry and Physics</i> , 2008, 107, 85-90.	4.0	50
8	Epitaxial electrodeposition of Cu ₂ O films onto InP(001). <i>Applied Physics Letters</i> , 2003, 83, 1944-1946.	3.3	49
9	Electrodeposition and optical properties of highly oriented $\hat{1}^3$ -CuI thin films. <i>Electrochimica Acta</i> , 2010, 55, 8121-8125.	5.2	46
10	Synthesis of Few-Layer MoS ₂ Graphene Composites with Superior Electrochemical Lithium Storage Performance by an Ionic-Liquid-Mediated Hydrothermal Route. <i>ChemElectroChem</i> , 2015, 2, 538-546.	3.4	36
11	Properties of nanocrystalline zinc oxide thin films prepared by thermal decomposition of electrodeposited zinc peroxide. <i>Thin Solid Films</i> , 2008, 516, 4025-4029.	1.8	35
12	Room temperature deposition of nanocrystalline cadmium peroxide thin film by electrochemical route. <i>Electrochemistry Communications</i> , 2005, 7, 1195-1198.	4.7	33
13	Structure and luminescent properties of electrodeposited Eu ³⁺ -doped CaF ₂ thin films. <i>Thin Solid Films</i> , 2014, 562, 478-484.	1.8	23
14	Electrodeposition and characterization of CaF ₂ and rare earth doped CaF ₂ films. <i>Thin Solid Films</i> , 2011, 519, 6438-6442.	1.8	13
15	Hexagonal phase $\hat{1}^2$ -NaGdF ₄ :Yb ³⁺ /Er ³⁺ thin films with upconversion emission grown by electrodeposition. <i>RSC Advances</i> , 2014, 4, 19896-19899.	3.6	13
16	Structural and optical properties of rock-salt Cd _{1-x} Zn _x O thin films prepared by thermal decomposition of electrodeposited Cd _{1-x} Zn _x O ₂ . <i>Thin Solid Films</i> , 2009, 517, 5653-5657.	1.8	12
17	Growth and characterization of bamboo-like multiwalled carbon nanotubes over Cu/Al ₂ O ₃ catalyst. <i>Journal of Materials Science</i> , 2009, 44, 4040-4046.	3.7	11
18	Growth and characterization of highly oriented CuBr thin films through room temperature electrochemical route. <i>Electrochimica Acta</i> , 2008, 54, 242-246.	5.2	10

#	ARTICLE	IF	CITATIONS
19	Electrodeposition of AgCuO ₂ Nanoplates. Journal of the Electrochemical Society, 2017, 164, D130-D134.	2.9	10
20	Effect of CuI Layer on Photoelectrochemistry of Cu ₂ O Films. Journal of the Electrochemical Society, 2017, 164, H685-H690.	2.9	7
21	Room Temperature Electrodeposition of Ag ₃ PO ₄ Films. Journal of the Electrochemical Society, 2016, 163, D206-D211.	2.9	6
22	Tuning Band Gaps and Photoelectrochemical Properties of Electrodeposited CuO Films by Annealing in Different Atmospheres. Journal of the Electrochemical Society, 2020, 167, 026504.	2.9	6
23	Hexagonal Phase \hat{I}^2 -NaYF ₄ :Yb ³⁺ /Er ³⁺ Films with Intense Upconversion Luminescence Made by Electrodeposition and Low Temperature Annealing. ECS Journal of Solid State Science and Technology, 2018, 7, R120-R124.	1.8	5
24	Electrodeposition of high aspect ratio LaPO ₄ and LaPO ₄ :Ln ³⁺ (Ln ³⁺ =Ce ³⁺ , Tb ³⁺) nanostructures. Electrochemistry Communications, 2012, 17, 79-81.	4.7	4
25	Electrodeposition of CeF ₃ and CeF ₃ :Tb Films by Electrochemical Generated Acid. Electrochemical and Solid-State Letters, 2010, 13, D43.	2.2	3
26	Room Temperature Electrodeposition of Oriented AgI Crystals. Journal of the Electrochemical Society, 2011, 158, D200.	2.9	3
27	Red up-conversion emission in \hat{I}^{\pm} -KYb ₃ F ₁₀ :Er ³⁺ films made by electrodeposition. RSC Advances, 2015, 5, 50312-50315.	3.6	3
28	Hexagonal Phase \hat{I}^2 -NaYF ₄ :Yb/Er Films Made by Electrodepositing onto \hat{I}^2 -NaGdF ₄ Underlayer at Low Temperature. Journal of the Electrochemical Society, 2019, 166, D168-D172.	2.9	3
29	Oriented Hexagonal Phase NaGdF ₄ :Eu ³⁺ Films Made through Electrodeposition. Journal of the Electrochemical Society, 2021, 168, 032502.	2.9	0