

Jinwang Li

List of Publications by Year in descending order

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39
papers

1,113
citations

430442

18
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395343

33
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42
all docs

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docs citations

42
times ranked

1224
citing authors

#	ARTICLE	IF	CITATIONS
1	Tantalum doped 0.94Bi0.5Na0.5TiO3â€“0.06BaTiO3 piezoelectric ceramics. Journal of the European Ceramic Society, 2008, 28, 871-877.	2.8	139
2	Synthesis of a Multinary Nitride, Eu-Doped CaAlSiN ₃ , from Alloy at Low Temperatures. Chemistry of Materials, 2008, 20, 2095-2105.	3.2	121
3	Low-Temperature Crystallization of Eu-Doped Red-Emitting CaAlSiN ₃ from Alloy-Derived Ammonometallates. Chemistry of Materials, 2007, 19, 3592-3594.	3.2	105
4	High-Pressure Synthesis of Tantalum Nitride Having Orthorhombic U ₂ S ₃ Structure. Advanced Functional Materials, 2009, 19, 2282-2288.	7.8	99
5	A facile high-yield solvothermal route to tin phosphide Sn ₄ P ₃ . Journal of Solid State Chemistry, 2006, 179, 3756-3762.	1.4	60
6	High-Performance Solution-Processed ZrInZnO Thin-Film Transistors. IEEE Transactions on Electron Devices, 2013, 60, 320-326.	1.6	60
7	Synthesis of SiC precursors by a two-step solâ€“gel process and their conversion to SiC powders. Journal of the European Ceramic Society, 2000, 20, 1853-1857.	2.8	52
8	Mechanism and Kinetics of Aluminum Nitride Powder Degradation in Moist Air. Journal of the American Ceramic Society, 2006, 89, 937-943.	1.9	51
9	Rheology printing for metal-oxide patterns and devices. Journal of Materials Chemistry C, 2014, 2, 40-49.	2.7	47
10	Synthesis of Nanocrystalline Zr ₃ N ₄ and Hf ₃ N ₄ Powders from Metal Dialkylamides. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 1449-1455.	0.6	34
11	A low-temperature crystallization path for device-quality ferroelectric films. Applied Physics Letters, 2010, 97, .	1.5	33
12	Synthesis of Eu-Doped CaAlSiN ₃ from Ammonometallates: Effects of Sodium Content and Pressure. Journal of the American Ceramic Society, 2009, 92, 344-349.	1.9	26
13	Low temperature ammonothermal synthesis of europium-doped SrAlSiN ₃ for a nitride red phosphor. Journal of the Ceramic Society of Japan, 2012, 120, 500-502.	0.5	25
14	Synthesis of Silicon Nitride/Silicon Carbide Nanocomposite Powders through Partial Reduction of Silicon Nitride by Pyrolyzed Carbon. Journal of the American Ceramic Society, 1999, 82, 2548-2550.	1.9	24
15	High-Pressure Multianvil Synthesis and Structure Refinement of Oxygen-Bearing Cubic Zirconium(IV) Nitride. Advanced Materials, 2007, 19, 1869-1873.	11.1	24
16	Low-temperature Ammonothermal Synthesis of LaTaON ₂ . Chemistry Letters, 2011, 40, 1101-1102.	0.7	23
17	Surface hydration states of commercial high purity Î±-Al ₂ O ₃ powders evaluated by temperature programmed desorption mass spectrometry and diffuse reflectance infrared Fourier transform spectroscopy. Science and Technology of Advanced Materials, 2005, 6, 123-128.	2.8	22
18	Highly conductive p-type amorphous oxides from low-temperature solution processing. Applied Physics Letters, 2012, 101, 132104.	1.5	20

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19	Highly conductive ruthenium oxide thin films by a low-temperature solution process and green laser annealing. <i>Materials Letters</i> , 2015, 152, 121-124.	1.3	18
20	Solution processing of highly conductive ruthenium and ruthenium oxide thin films from ruthenium-amine complexes. <i>Journal of Materials Chemistry C</i> , 2015, 3, 4490-4499.	2.7	16
21	Optimization of Pt and PZT Films for Ferroelectric-Gate Thin Film Transistors. <i>Ferroelectrics</i> , 2010, 405, 281-291.	0.3	12
22	Low-Temperature All-Solution-Derived Amorphous Oxide Thin-Film Transistors. <i>IEEE Electron Device Letters</i> , 2013, 34, 1536-1538.	2.2	12
23	Carbothermal Reaction of Silica-Phenol Resin Hybrid Gels to Produce Silicon Nitride/Silicon Carbide Nanocomposite Powders. <i>Journal of the American Ceramic Society</i> , 2007, 90, 3786-3792.	1.9	11
24	Hybrid Cluster Precursors of the LaZrO Insulator for Transistors: Properties of High-Temperature-Processed Films and Structures of Solutions, Gels and Solids. <i>Scientific Reports</i> , 2016, 6, 29682.	1.6	11
25	Rheology printing of an ultra-fine conductive Ru-La-O line. <i>Ceramics International</i> , 2016, 42, 7730-7741.	2.3	11
26	P-type conductive amorphous oxides of transition metals from solution processing. <i>Applied Physics Letters</i> , 2012, 101, 052102.	1.5	9
27	Hybrid cluster precursors of the LaZrO insulator for transistors: lowering the processing temperature. <i>Scientific Reports</i> , 2018, 8, 5934.	1.6	8
28	Crystallization of lead zirconate titanate without passing through pyrochlore by new solution process. <i>Journal of the European Ceramic Society</i> , 2012, 32, 1667-1680.	2.8	7
29	Title is missing!. <i>Journal of Materials Science</i> , 2001, 36, 1377-1381.	1.7	6
30	Diffuse Reflectance Infrared Fourier Transform Spectroscopy of Commercial AlN Powders in Vacuum up to 700oC. <i>Journal of the American Ceramic Society</i> , 2006, 89, 2537-2541.	1.9	6
31	Deposition of platinum patterns by a liquid process. <i>Chemical Communications</i> , 2011, 47, 9992.	2.2	5
32	High-transconductance indium oxide transistors with a lanthanum-zirconium gate oxide characteristic of an electrolyte. <i>Journal of Applied Physics</i> , 2020, 127, .	1.1	5
33	Nano-rheology printing of sub-0.2 μm channel length oxide thin-film transistors. <i>Nano Futures</i> , 2018, 2, 035006.	1.0	4
34	Kinetics of the reaction between silicon nitride and carbon. <i>Journal of Materials Science Letters</i> , 2000, 19, 1767-1768.	0.5	2
35	Origin of the thermal plasticity property of zirconium oxide gels for use in direct thermal nanoimprinting. <i>Ceramics International</i> , 2018, 44, 17602-17611.	2.3	2
36	P: Development of Amorphous Oxide Thin Film Transistors Fabricated by a Total Solution Process for Display Application. <i>Digest of Technical Papers SID International Symposium</i> , 2014, 45, 1005-1008.	0.1	1

#	ARTICLE	IF	CITATIONS
37	Solid conversion behaviors of indium oxide gel consisting of hybrid clusters with thermal- and/or ultraviolet-treatments for low temperature processing. <i>Ceramics International</i> , 2018, 44, 7461-7472.	2.3	1
38	Development of a direct patterning method for functional oxide thin films using ultraviolet irradiation and hybrid-cluster gels and its application to thin-film transistor fabrication. <i>Applied Physics Express</i> , 2018, 11, 046501.	1.1	1
39	Synthesis of Nanocrystalline Zr3N4 and Hf3N4 Powders from Metal Dialkylamides.. <i>ChemInform</i> , 2005, 36, no.	0.1	0