

Yuanqing Chen

List of Publications by Year in descending order

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papers

475
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759233

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times ranked

486
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#	ARTICLE	IF	CITATIONS
1	N-doped reduced graphene oxide/Co _{0.85} Se microflowers with high mass loading as battery-type materials for quasi-solid-state hybrid supercapacitors. <i>Journal of Alloys and Compounds</i> , 2022, 890, 161801.	5.5	4
2	The corrosion behavior of ultra-fine grained CoNiFeCrMn high-entropy alloys. <i>Journal of Alloys and Compounds</i> , 2020, 816, 152583.	5.5	53
3	Properties of UV-irradiated TiO ₂ , ZrO ₂ , and TiO ₂ -ZrO ₂ films as pore-sealing layers on micro-arc-oxidized aluminum alloys. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 93, 70-78.	2.4	9
4	Fabrication and characterization of micropatterned La _{0.67} Ca _{0.33} MnO ₃ films via the UV assisted photosensitive solution deposition method. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 93, 678-686.	2.4	1
5	Corrosion behavior of a sol-gel ZrO ₂ pore-sealing film prepared on a micro-arc oxidized aluminum alloy. <i>Ceramics International</i> , 2019, 45, 11062-11067.	4.8	18
6	Low temperature UV assisted sol-gel preparation of ZrO ₂ pore-sealing films on micro-arc oxidized magnesium alloy AZ91D and their electrochemical corrosion behaviors. <i>Journal of Alloys and Compounds</i> , 2019, 792, 1036-1044.	5.5	21
7	The deformation behavior and strain rate sensitivity of ultra-fine grained CoNiFeCrMn high-entropy alloys at temperatures ranging from 77 K to 573 K. <i>Journal of Alloys and Compounds</i> , 2019, 791, 962-970.	5.5	47
8	Development of low-fluorine solution route and UV photolysis process for YBa ₂ Cu ₃ O _{7-x} coated conductors. <i>MRS Communications</i> , 2018, 8, 1037-1042.	1.8	1
9	Resistive switching IGZO micro-arrays realized through UV assisted photochemical solution method. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 88, 601-608.	2.4	10
10	Fabrication of PZT/CuO composite films and their photovoltaic properties. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 87, 285-291.	2.4	14
11	Effect of La/Zr ratio in the precursor solution on the properties of La ₂ Zr ₂ O ₇ and CeO ₂ /La ₂ Zr ₂ O ₇ films. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 82, 586-593.	2.4	2
12	Effect of F/Ba ratio of precursor solution on the properties of solution-processed YBCO superconducting films. <i>Ceramics International</i> , 2017, 43, 8433-8439.	4.8	9
13	Ultraviolet-assisted direct patterning and low-temperature formation of flexible ZrO ₂ resistive switching arrays on PET/ITO substrates. <i>Nanotechnology</i> , 2017, 28, 485707.	2.6	9
14	Water-vapor assisted photochemical fabrication of YBa ₂ Cu ₃ O _{7-x} superconducting films with high critical current density. <i>Journal of Alloys and Compounds</i> , 2017, 727, 1036-1043.	5.5	2
15	Polarization dependent ferroelectric photovoltaic effects in BFTO/CuO thin films. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	27
16	UV-assisted low-temperature sol-gel deposition of Pb(Zr _{0.4} Ti _{0.6})O ₃ film and its photoelectrical properties. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 83, 647-652.	2.4	13
17	Resistive Switching Characteristics of Flexible TiO ₂ Thin Film Fabricated by Deep Ultraviolet Photochemical Solution Method. <i>IEEE Electron Device Letters</i> , 2017, 38, 1528-1531.	3.9	26
18	High Critical Current Density of YBa ₂ Cu ₃ O _{7-x} Superconducting Films Prepared through a DUV-assisted Solution Deposition Process. <i>Scientific Reports</i> , 2016, 6, 38257.	3.3	11

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19	Manipulation of YBCO film properties by the introduction of perovskite BaTiO ₃ nanodots as substrate decorations. Journal of the European Ceramic Society, 2016, 36, 3417-3422.	5.7	10
20	Sol-gel deposition of high-performance Re _{0.2} Ce _{0.8} O ₂ /La ₂ Zr ₂ O ₇ composite buffer layers on Ni-W tapes for YBCO coated conductors. Journal of Sol-Gel Science and Technology, 2016, 77, 94-99.	2.4	3
21	Ultralow-fluorine sol-gel deposition of thick YBCO multilayer films. Journal of Sol-Gel Science and Technology, 2015, 75, 574-581.	2.4	12
22	High-efficiency preparation of high-quality YBCO superconducting films using an ultralow-fluorine sol-gel method. Journal of Sol-Gel Science and Technology, 2015, 74, 249-255.	2.4	10
23	All chemical solution deposition of textured YBa ₂ Cu ₃ O _{7-x} /Y _{0.2} Ce _{0.8} O ₂ /La ₂ Zr ₂ O ₇ films on biaxially textured NiW tape. Superconductor Science and Technology, 2015, 28, 075015.	2.4	3
24	Sol-gel preparation and characterization of epitaxial Y _{0.5} Ce _{0.5} O _{1.75} films on biaxially-textured NiW tapes. Journal of Sol-Gel Science and Technology, 2015, 73, 32-37.	2.4	3
25	Strong pinning in YBa ₂ Cu ₃ O _{7-x} films with SDP-derived amorphous Y ₂ O ₃ layers. Physica C: Superconductivity and Its Applications, 2014, 507, 31-34.	1.2	3
26	Facile and efficient preparation of high-performance REBa ₂ Cu ₃ O _{7-x} superconducting films through a novel fluorinated solution route. Journal of Fluorine Chemistry, 2013, 148, 36-40.	1.7	1
27	Enhanced Flux Pinning and Critical Current Density of BaZrO_3 -Doped $\text{Y}_{0.75}\text{Cd}_{0.25}\text{Ba}_2\text{Cu}_3\text{O}_{7-x}$ Superconducting Films Prepared Using Advanced Low-Fluorine Solution. IEEE Transactions on Applied Superconductivity, 2013, 23, 75-79.	1.7	1
28	One-step synthesis of Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ fine-patterned films via photosensitive sol-gel route. Ceramics International, 2013, 39, 7721-7725.	4.8	8
29	In situ synthesis and characterization of fine-patterned La and Mn co-doped BiFeO ₃ film. Journal of Alloys and Compounds, 2013, 570, 19-22.	5.5	28
30	Ultrafine nanocrystal precursor induced J _c increase of YBa ₂ Cu ₃ O _{7-x} films prepared using advanced low-fluorine solution. Journal of Alloys and Compounds, 2013, 576, 265-270.	5.5	6
31	An advanced low-fluorine solution route for fabrication of high-performance YBCO superconducting films. Superconductor Science and Technology, 2012, 25, 062001.	3.5	37
32	Synthesis and characterization of Bi ₄ Ti ₃ O ₁₂ , (Bi _{3.25} La _{0.75})Ti ₃ O ₁₂ , and Bi ₄ Ti ₃ O ₁₂ /(Bi _{3.25} La _{0.75})Ti ₃ O ₁₂ multilayered films prepared using novel photochemical sol-gel method. Materials Letters, 2012, 66, 357-359.	2.6	4
33	Photosensitive sol-gel preparation and micro-patterning of (100)-oriented (Ba _{0.7} Sr _{0.3})TiO ₃ film on LaNiO ₃ electrode. Journal of Sol-Gel Science and Technology, 2011, 59, 164-168.	2.4	3
34	Ferromagnetic Co-doped ZnO film and fine patterns prepared using photosensitive sol-gel method. Journal of Sol-Gel Science and Technology, 2010, 54, 325-328.	2.4	17
35	Fabrication of YBCO film patterns and their properties. Superconductor Science and Technology, 2008, 21, 125016.	3.5	22
36	High rate deposition of thick YBa ₂ Cu ₃ O _{7-x} superconducting films using low-fluorine solution. Superconductor Science and Technology, 2007, 20, 251-255.	3.5	21