

Qingming Chen

List of Publications by Year in descending order

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430874

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#	ARTICLE	IF	CITATIONS
1	Enhanced temperature coefficient of resistance and magnetoresistance of Co-doped La _{0.67} Ca _{0.33} MnO ₃ polycrystalline ceramics. <i>Ceramics International</i> , 2022, 48, 407-414.	4.8	8
2	Effect of La-site substitution on the magnetoelectric transport properties of La _{0.7} Ca _{0.3} MnO ₃ polycrystalline ceramics. <i>Ceramics International</i> , 2022, 48, 17425-17432.	4.8	3
3	An Antifatigue Liquid Metal Composite Electrode Ionic Polymer-Metal Composite Artificial Muscle with Excellent Electromechanical Properties. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 14630-14639.	8.0	17
4	Effect of Fe substitution on temperature coefficient of resistance and magnetoresistance of La _{0.67} Ca _{0.33} MnO ₃ polycrystalline ceramics. <i>Ceramics International</i> , 2022, 48, 8169-8176.	4.8	5
5	Structural, electrical, and magnetic transport properties of La _{0.72} Ca _{0.28} Mn _{1-x} Cr _x O ₃ (0 ≤ x ≤ 0.06) ceramics. <i>Ceramics International</i> , 2022, 48, 21187-21193.	4.8	4
6	Adjusting the K-doping of La _{1-x} K _x MnO ₃ (0.1 ≤ x ≤ 0.35) films to obtain high TCR and LFMR at room-temperature. <i>Applied Surface Science</i> , 2022, 589, 152905.	6.1	10
7	Effect of deposition time on electrical properties of La _{0.67} Ca _{0.33} MnO ₃ :Ag _{0.2} thin films by pulsed laser deposition. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, 1.	2.3	1
8	Impact of the transition metal ion-doped on the electrical and magnetic properties of La _{0.67} Ca _{0.33} MnO ₃ Ag _{0.15} -based polycrystalline ceramics. <i>Advanced Powder Technology</i> , 2022, 33, 103714.	4.1	0
9	Effect of Gd doping on electrical transport properties of La _{0.8} Sr _{0.2} MnO ₃ polycrystalline ceramics. <i>Ceramics International</i> , 2021, 47, 5944-5950.	4.8	3
10	High-performance bio-based epoxies from ferulic acid and furfuryl alcohol: synthesis and properties. <i>Green Chemistry</i> , 2021, 23, 1772-1781.	9.0	38
11	Improved room-temperature TCR and MR of La _{0.9} _{1-x} K _x Ca _{0.1} MnO ₃ ceramics by A-sites vacancy and disorder degree adjustment. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 8848-8862.	2.2	8
12	Effect of sintering temperature on structure and electrical transport properties of La _{0.7} Ca _{0.26} Na _{0.04} MnO ₃ ceramics. <i>Ceramics International</i> , 2021, 47, 12716-12724.	4.8	7
13	Exploring the electrical transport properties of La _{0.67} Ca _{0.33} MnO ₃ at different sintering temperatures. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 14164-14173.	2.2	3
14	La _{0.7} Ca _{0.3-x} Na _x MnO ₃ polycrystalline with high magnetoresistance and temperature coefficient of resistance were prepared via the sol-gel method. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 18397-18407.	2.2	1
15	La _{1-x} Ca _x MnO ₃ :Ag _{0.2} (0.25 ≤ x ≤ 0.31) ceramics with high temperature coefficient of resistivity under magnetic field. <i>Ceramics International</i> , 2021, 47, 19659-19667.	4.8	11
16	Enhancement of magnetoresistance and near room-temperature temperature coefficient of resistivity in polycrystalline La _{0.7} Ca _{0.24} Na _{0.06} MnO ₃ by silver doping. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 99, 627-635.	2.4	4
17	Electrical properties of La _{0.72} Ca _{0.28} MnO ₃ : Ag _{0.2} thin films of different deposition time prepared by deposited pulsed laser method. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 22999-23006.	2.2	0
18	Electrical transport properties of Sm-doped La _{0.7} Ca _{0.3} MnO ₃ polycrystalline ceramics. <i>Ceramics International</i> , 2021, 47, 25281-25286.	4.8	5

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19	Colossal magnetoresistive polycrystalline La _{0.61} Sm _{0.06} Ca _{0.33} MnO ₃ with large and unperturbed temperature coefficient of resistivity under a magnetic field. <i>Ceramics International</i> , 2021, 47, 30671-30676.	4.8	3
20	Large temperature coefficient of resistance and magnetoresistance of La _{0.71} Ca _{0.29} Mn _{1-x} Co _x O ₃ polycrystalline ceramics. <i>Ceramics International</i> , 2021, 47, 32097-32103.	4.8	4
21	Robust temperature coefficient of resistance of polycrystalline La _{0.6} Ca _{0.4} MnO ₃ under magnetic fields at room temperature. <i>Ceramics International</i> , 2021, 47, 29631-29637.	4.8	3
22	Influence of different post-annealing temperatures on physical properties of La _{0.72} Ca _{0.28} MnO ₃ :Ag _{0.2} thin films by pulsed laser deposition technique. <i>Ceramics International</i> , 2020, 46, 6418-6423.	4.8	7
23	Utilization of metallic Ag and Ag ⁺ ions to optimize room-temperature TCR and MR of La _{0.7} (Ca _{0.205} Sr _{0.095})MnO ₃ :Ag _{0.2} O composites. <i>Journal of Materials Chemistry C</i> , 2020, 8, 17054-17064.	5.5	24
24	Effect of annealing temperature on electrical and magnetic properties of La _{0.7} Ca _{0.3} MnO ₃ :Ag _{0.2} thin films. <i>Ceramics International</i> , 2020, 46, 27951-27956.	4.8	1
25	Effect of sintering temperature on structural and electrical transport properties of La _{0.7} Ca _{0.28} K _{0.02} MnO ₃ ceramics. <i>Ceramics International</i> , 2020, 46, 25949-25955.	4.8	12
26	Effect of V doping on electrical and magnetic properties of La _{0.71} Ca _{0.29} MnO ₃ polycrystalline ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 10355-10365.	2.2	4
27	Effect of different post-annealing durations on electromagnetic properties of La _{0.67} Ca _{0.33} MnO ₃ :Ag _{0.2} thin films prepared by pulsed laser deposition. <i>Ceramics International</i> , 2020, 46, 20272-20276.	4.8	0
28	Effect of A-site cationic radius on ceramic La _{0.67} Dy _x Sr _{0.33} MnO ₃ prepared by sol-gel technique. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 7623-7629.	2.2	1
29	Effect of Y doping on transport properties of La _{0.8} Sr _{0.2} MnO ₃ polycrystalline ceramics. <i>Ceramics International</i> , 2020, 46, 11950-11954.	4.8	7
30	Electrical and magnetic properties of La _{1-x} Ag _x MnO ₃ (0 ≤ x ≤ 0.5) polycrystalline ceramics by combination of first principles calculations and experimental methods. <i>Journal of Alloys and Compounds</i> , 2019, 808, 151709.	5.5	17
31	La _{0.67} (Ca _{0.24} Sr _{0.09})MnO ₃ :xAg ₂ O (0 ≤ x ≤ 0.25) composites with improved room-temperature TCR and MR for advanced uncooling infrared bolometers and magnetic sensors. <i>Applied Surface Science</i> , 2019, 493, 448-457.	6.1	31
32	Influence of Ag on TCR and MR of La _{0.7} (Ca _{0.27} Sr _{0.03})MnO ₃ :Ag _{0.2} ceramics subjected to cross magnetic fields. <i>Ceramics International</i> , 2019, 45, 20396-20404.	4.8	8
33	Electrical transport and magnetoresistive properties of Nd-doped La _{0.8} Sr _{0.2} MnO ₃ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 19035-19042.	2.2	3
34	La _{0.7} Ca _{0.3} Sr _x MnO ₃ :Ag _{0.2} (0.0165 ≤ x ≤ 0.1) ceramics with large and stable TCR in different magnetic field environments. <i>Ceramics International</i> , 2019, 45, 24742-24749.	4.8	9
35	Improved temperature coefficient of resistance in La _{1-x} Ca _x MnO ₃ :Ag _{0.2} (0.25 ≤ x ≤ 0.33) ceramics prepared by sol-gel method. <i>Journal of Alloys and Compounds</i> , 2019, 800, 64-71.	5.5	9
36	Electrical and magnetic properties of La _{1-x} Sr _x MnO ₃ (0.1 ≤ x ≤ 0.25) ceramics prepared by sol-gel technique. <i>Ceramics International</i> , 2019, 45, 16323-16330.	4.8	35

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37	Structure and electromagnetic properties of La _{0.7} Ca _{0.3} -K MnO ₃ polycrystalline ceramics. <i>Ceramics International</i> , 2019, 45, 10558-10564.	4.8	36
38	Modulation of room-temperature TCR and MR in La _{1-x} Sr _x MnO ₃ polycrystalline ceramics via Sr doping. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 90, 221-229.	2.4	23
39	Electrical transport properties and enhanced broad-temperature-range low field magnetoresistance in LCMO ceramics by Sm ₂ O ₃ adding. <i>Journal of Alloys and Compounds</i> , 2019, 790, 240-247.	5.5	19
40	Influence of Ag doping on electrical and magnetic properties of La _{0.67} Ca _{0.33} MnO ₃ polycrystalline ceramics. <i>Ceramics International</i> , 2019, 45, 11006-11012.	4.8	35
41	Printable Liquidâ€Metal@PDMS Stretchable Heater with High Stretchability and Dynamic Stability for Wearable Thermotherapy. <i>Advanced Materials Technologies</i> , 2019, 4, 1800435.	5.8	92
42	La ₁ -Sr MnO ₃ :Ag _{0.2} (0.1â€‰xâ€‰0.2) ceramics with large room-temperature TCR for uncooled infrared bolometers. <i>Journal of the European Ceramic Society</i> , 2019, 39, 352-357.	5.7	58
43	Colossal photovoltages in strain-driven crystal field transition and symmetry breaking of superconducting epitaxial systems. <i>Physical Review Materials</i> , 2019, 3, .	2.4	1
44	Influence of silver addition on microstructures and transport properties of La _{0.67} Ca _{0.33} MnO ₃ :Ag x composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 6167-6173.	2.2	5
45	Effects of A-site cationic radius and cationic disorder on the electromagnetic properties of La _{0.7} Ca _{0.3} MnO ₃ ceramic with added Sr, Pb, and Ba. <i>Ceramics International</i> , 2018, 44, 5378-5384.	4.8	30
46	Improved Curie temperature and temperature coefficient of resistance (TCR) in La _{0.7} Ca _{0.3} -Sr MnO ₃ :Ag _{0.2} composites. <i>Journal of Alloys and Compounds</i> , 2018, 747, 1027-1032.	5.5	33
47	Improvement of room-temperature TCR and MR in polycrystalline La _{0.67} (Ca _{0.27} Sr _{0.06})MnO ₃ ceramics by Ag ₂ O doping. <i>Ceramics International</i> , 2018, 44, 9865-9874.	4.8	46
48	Structure, electrical and magnetic properties of La _{0.67} Ca _{0.33} ^x K x MnO ₃ polycrystalline ceramic. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 1808-1816.	2.2	13
49	Effects of silver doping on structure and electrical properties of La _{0.67} Ca _{0.23} K _{0.1} MnO ₃ polycrystalline ceramic. <i>Ceramics International</i> , 2018, 44, 3448-3453.	4.8	22
50	Effect of Ca-doping on electrical properties of La _{0.46} Sm _{0.21} Sr _{0.33} -xCa _x MnO ₃ ceramics prepared by sol-gel technique. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 87, 400-407.	2.4	9
51	Preparation and properties of La _{0.71} Ca _{0.29} Mn _{1-x} Cr _x O ₃ polycrystalline composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 19070-19077.	2.2	3
52	Enhanced Bidimensionalityâ€Driven Ultrahigh Laserâ€Induced Voltages in Highâ€T_c Superconducting Epitaxial Films. <i>Advanced Electronic Materials</i> , 2018, 4, 1800116.	5.1	11
53	Improvement in structure and superconductivity of YBa ₂ Cu ₃ O _{6+Î´} ceramics superconductors by optimizing sintering processing. <i>Journal of Rare Earths</i> , 2017, 35, 85-89.	4.8	6
54	Enhancement of temperature coefficient of resistance (TCR) and Magneto-resistance (MR) in La _{1-x} Ca _x MnO ₃ :Ag _{0.2} polycrystalline composites. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 82, 193-200.	2.4	22

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55	Effect of Ca-doping on the electrical properties of La _{0.2} Nd _{0.47} Sr _{0.33} MnO ₃ ceramics prepared by sol-gel technique. Journal of Sol-Gel Science and Technology, 2017, 82, 177-183.	2.4	11
56	Effect of laser energy on the electrical transport properties of La _{0.67} Ca _{0.33} MnO ₃ :Ag _{0.2} films by pulsed laser deposition technique. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	5
57	Influence of Gd-content on the electrical transport properties of La _{0.67-λ} Gd λ Sr _{0.33} MnO ₃ polycrystalline ceramics by sol-gel method. Journal of Materials Science: Materials in Electronics, 2017, 28, 17026-17030.	2.2	0
58	Improvement in electronic and magnetic transport of La _{0.67} Ca _{0.33} MnO ₃ manganites by optimizing sintering temperature. Journal of Sol-Gel Science and Technology, 2017, 81, 177-184.	2.4	11
59	Effect of A-site cationic radius on polycrystalline ceramics La λ Sm _{0.67-λ} Sr _{0.33} MnO ₃ prepared by sol-gel technique. Journal of Sol-Gel Science and Technology, 2016, 80, 474-479.	2.4	11
60	Fabrication of La λ Nd _{0.67-λ} Sr _{0.33} MnO ₃ polycrystalline ceramics by sol-gel method. Journal of Sol-Gel Science and Technology, 2016, 80, 168-173.	2.4	16
61	Preparation of c-axis oriented YBa ₂ Cu ₃ O ₇ polycrystalline ceramics by sol-gel method. Physica C: Superconductivity and Its Applications, 2015, 511, 1-3.	1.2	5
62	Effect of Ag addition on the magnetic and electrical properties of La _{0.67} Ca _{0.33} MnO ₃ films. Applied Surface Science, 2015, 349, 983-987.	6.1	13
63	Search for high temperature coefficient of resistance La _{2/3} Ca _{1/3} MnO ₃ polycrystalline ceramics. Applied Physics A: Materials Science and Processing, 2014, 117, 2051-2055.	2.3	13
64	Enhancement of temperature coefficient of resistivity in La _{0.67} Ca _{0.33} MnO ₃ polycrystalline ceramics. Ceramics International, 2014, 40, 4963-4968.	4.8	31
65	Electrical transport properties and laser-induced voltage effect in La _{0.8} Ca _{0.2} MnO ₃ epitaxial thin films. Applied Physics A: Materials Science and Processing, 2014, 114, 1085-1090.	2.3	10
66	Effect of Ca doping level on the laser-induced voltages in tilted La λ Ca λ MnO ₃ (0.1 $\leq\lambda\leq$ 0.7) thin films. Applied Physics A: Materials Science and Processing, 2014, 114, 1075-1078.	2.3	15
67	Preparation of La _{0.67} Ca _{0.33} MnO ₃ :Ag λ polycrystalline by sol-gel method. Journal of Sol-Gel Science and Technology, 2014, 70, 361-365.	2.4	41
68	Effects of substrate-induced-strain on the electrical properties and laser induced voltages of tilted La _{0.67} Ca _{0.33} MnO ₃ thin films. Journal of Applied Physics, 2013, 114, .	2.5	11
69	Influence of synthesis methods and calcination temperature on electrical properties of La λ Ca λ MnO ₃ ($\lambda=0.33$ and 0.28) ceramics. Ceramics International, 2013, 39, 7839-7843.	4.8	37
70	Structural and electrical characterization of La _{0.72} Ca _{0.28} MnO ₃ ceramic and thin films. Applied Surface Science, 2013, 264, 225-228.	6.1	9
71	Viscosity sensor using ZnO and AlN thin film bulk acoustic resonators with tilted polar c -axis orientations. Journal of Applied Physics, 2011, 110, .	2.5	44
72	Effect of Ag doping on structure and electrical properties of La _{0.7} Ca _{0.26} K _{0.04} MnO ₃ ceramics. Journal of Sol-Gel Science and Technology, 0, 1.	2.4	0

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73	Effect of V doping on the electrical transport and magnetoresistance properties of La0.825Sr0.175MnO3 ceramics. Journal of Sol-Gel Science and Technology, 0, , .	2.4	2