

In-Gann Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1180752/publications.pdf>

Version: 2024-02-01

51
papers

604
citations

759233

12
h-index

610901

24
g-index

51
all docs

51
docs citations

51
times ranked

841
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of Photoluminescence and Color Purity of CaTiO_3 : Eu Phosphor by Li Doping. Journal of the American Ceramic Society, 2012, 95, 1360-1366.	3.8	138
2	Effect of Calcination Temperature and Concentration on Luminescence Properties of Novel $\text{Ca}_3\text{Y}_2\text{Si}_3\text{O}_{12}$: Eu Phosphors. Journal of the American Ceramic Society, 2009, 92, 2953-2956.	3.8	55
3	Crystal Structure and Optical Performance of Al^{3+} and Ce^{3+} Codoped $\text{Ca}_3\text{Sc}_2\text{Si}_3\text{O}_{12}$ Green Phosphors for White LED's. Journal of the American Ceramic Society, 2013, 96, 234-240.	3.8	13
4	Enhancement of white light emission from novel $\text{Ca}_3\text{Y}_2\text{Si}_3\text{O}_{12}$: Dy^{3+} phosphors with Ce^{3+} ion codoping. Journal of Applied Physics, 2010, 108, 023111.	2.5	40
5	Improved Photoluminescence of $\text{Y}_3\text{Al}_5\text{O}_{12}$: Ce Nanoparticles by Silica Coating. Journal of the American Ceramic Society, 2010, 93, 1688-1691.	3.8	33
6	Preparation and magnetic properties of BaCo_2Z and SrZn_2Y ferrites. Journal of Applied Physics, 2000, 87, 6247-6249.	2.5	32
7	Effects of Annealing on Magnetic Properties of Electrical Steel and Performances of SRM After Punching. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	26
8	Constitutive Relationship Modeling and Characterization of Flow Behavior under Hot Working for FeCrNiWCuCo Super-Austenitic Stainless Steel. Metals, 2015, 5, 1717-1731.	2.3	22
9	Effect of Nano-Sized $\text{Sm}_2\text{BaCuO}_5$ Particles Addition on the Pinning Mechanism of SmBaCuO Materials. Journal of Materials Research, 2004, 19, 843-850.	2.6	17
10	Microstructure and electroluminescence of $\text{ZnS}:\text{Cu},\text{Cl}$ phosphor powders prepared by firing with CuS nanocrystallites. Journal of Electroceramics, 2006, 17, 299-303.	2.0	17
11	Photoluminescence Enhancement of $\text{Y}_3\text{Al}_5\text{O}_{12}:\text{Ce}$ Nanoparticles Using HMDS. Journal of the American Ceramic Society, 2008, 91, 3599-3602.	3.8	16
12	Conducting Silver Networks Based on Electrospun Poly(Methyl Methacrylate) and Silver Trifluoroacetate. ACS Applied Materials & Interfaces, 2015, 7, 9479-9485.	8.0	14
13	Annealing Effect on the Properties of $\text{Cu}(\text{In}_{0.7}\text{Ga}_{0.3})\text{Se}$ Thin Films Grown by Femtosecond Pulsed Laser Deposition. Journal of the American Ceramic Society, 2013, 96, 2419-2423.	3.8	13
14	UV-induced synthesis of silver nanofiber networks as transparent electrodes. Journal of Materials Chemistry C, 2016, 4, 7675-7682.	5.5	12
15	Low Sintering Temperature Nano-Silver Pastes with High Bonding Strength by Adding Silver 2-Ethylhexanoate. Materials, 2021, 14, 5941.	2.9	11
16	An in situ study on the coalescence of monolayer-protected Au-Ag nanoparticle deposits upon heating. Nanoscale Research Letters, 2014, 9, 438.	5.7	9
17	Materials, Characterization, and Application of Single-Grained Y-Ba-Cu-O Superconductors. Materials Transactions, JIM, 1996, 37, 509-513.	0.9	8
18	Effect of different nanoscale $\text{RE}_2\text{BaCuO}_5$ additions on the formation of compositional fluctuation in SmBaCuO superconducting bulk materials. Journal of Materials Research, 2005, 20, 482-488.	2.6	8

#	ARTICLE	IF	CITATIONS
19	Observations on the melting of Au nanoparticle deposits and alloying with Ni via in situ synchrotron radiation x-ray diffraction. Applied Physics Letters, 2009, 95, 131905.	3.3	8
20	Effect of ZnO/TiO ₂ Nanorods Fabricated Using the Electrospinning Method in Y-Ba-Cu-O Single Grain Bulk Superconductors. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.7	8
21	The relationship between nano-scale Sm ₂₁₁ /Sm ₁₂₃ interfaces and superconductivity of Sm-Ba-Cu-O materials. IEEE Transactions on Applied Superconductivity, 2003, 13, 3180-3183.	1.7	7
22	The Characterization of N Interstitials and Dangling Bond Point Defects on Ion-Implanted GaN Nanowires Studied by Photoluminescence and X-Ray Absorption Spectroscopy. Journal of the American Ceramic Society, 2010, 93, 3531-3534.	3.8	7
23	Low Porosity FeSe Preferred Orientation Crystal Growth by Bridgman Method. IEEE Transactions on Applied Superconductivity, 2011, 21, 2845-2848.	1.7	6
24	Nano-Scale Pinning Centers in $\text{Y}_{2}\text{Ba}_{1}\text{Cu}_{1}\text{O}_{5}$ Doped Sm-Ba-Cu-O Superconductor. IEEE Transactions on Applied Superconductivity, 2007, 17, 2957-2960.	1.7	5
25	The Optimal Growth of Single Grain Bulk Y-Ba-Cu-O Superconductors With Nd-Ba-Cu-O Thin Film Seed. IEEE Transactions on Applied Superconductivity, 2013, 23, 6800204-6800204.	1.7	5
26	Improvement of the value and anisotropy of critical current density in GdBa ₂ Cu ₃ O _{7-δ} coated conductors with self-assembled 3-dimensional BaZrO ₃ nanostructure. Materials Today Physics, 2021, 20, 100455.	6.0	5
27	Effect of Laser Drilling on the Microstructure and Luminescence of YAG:Ce,Si Phosphor Ceramics. International Journal of Applied Ceramic Technology, 2015, 12, 745-749.	2.1	4
28	Modification of FN tunneling provoking gate-leakage current in ZTO (zinc-tin oxide) TFT by regulating the ZTO/SiO ₂ area ratio. Applied Physics Letters, 2018, 112, .	3.3	4
29	Spent Mushroom Substrate and Electric Arc Furnace Dust Recycling by Carbothermic Reduction Method. Materials, 2022, 15, 2639.	2.9	4
30	Effect of Nano-Scale Additions on the Enhancement of Superconductivity in Y-Ba-Cu-O Materials. Journal of Electroceramics, 2004, 13, 857-863.	2.0	3
31	Pellet-buffered film seed to grow single grain bulk YBCO. Journal of the American Ceramic Society, 2017, 100, 5038-5043.	3.8	3
32	Sintering Nano-Silver Paste by Resistive Joule Heating Process for 2G HTS Tape Joints. Materials, 2022, 15, 1571.	2.9	3
33	Pinning mechanism of the high critical current density Sm-Ba-Cu-O superconductors with Sm ₂₁₀ Sm ₂₁₀ /Pd/Pt/CeO ₂ /sub 2/ addition. IEEE Transactions on Applied Superconductivity, 2003, 13, 3087-3090.	1.7	2
34	Effect of Heating Rate on Carbothermic Reduction and Melting Behavior of Iron Ore-Coal Composite Pellets. ISIJ International, 2021, 61, 2715-2723.	1.4	2
35	Finite Element Analysis on Initial Crack Site of Porous Structure Fabricated by Electron Beam Additive Manufacturing. Materials, 2021, 14, 7467.	2.9	2
36	Photoluminescence of Nano-scaled YAG:Ce Phosphor Powders. Materials Research Society Symposia Proceedings, 2002, 727, 1.	0.1	1

#	ARTICLE	IF	CITATIONS
37	Design and implementation of a non-contact X-Y table with high temperature superconductors. , 0, , .		1
38	Effect of the Particle Size of Micro-Scale and Nano-Scale Additions on the Formation of Compositional Fluctuations in Sm-Ba-Cu-O Material. IEEE Transactions on Applied Superconductivity, 2005, 15, 3742-3745.	1.7	1
39	A Semi-Quantitative Method to Analyze the Complex Pinning Mechanisms in Single-Grained High- T_c Superconductors. IEEE Transactions on Applied Superconductivity, 2005, 15, 3754-3757.	1.7	1
40	Study of the Heterogeneous Nucleation of 211-Particle by the Addition of CeO_2 Precursor With Different Sizes. IEEE Transactions on Applied Superconductivity, 2005, 15, 3118-3121.	1.7	1
41	Implementation of a Non-Contact X-Y Mover With High Temperature Superconductors. IEEE Transactions on Applied Superconductivity, 2007, 17, 2075-2078.	1.7	1
42	Clusters of Long- c Lattice Phase in $\text{SmBa}_2\text{Cu}_3\text{O}_{7-y}$ Films Grown in Low- P_{O_2} Atmosphere by Pulse Laser Deposition. IEEE Transactions on Applied Superconductivity, 2009, 19, 3383-3386.	1.7	1
43	Novel Loading-Free Joining Process for YBCO Single-Grain Bulks. Journal of the American Ceramic Society, 2016, 99, 3581-3585.	3.8	1
44	Facile Synthesis of Silver Nanoparticles with Application of Reproducible Surface Enhanced Raman Scattering Substrates. Analytical Letters, 2016, 49, 1198-1208.	1.8	1
45	Simulation and Observation of Magnetic Particles Captured in Fluids Using High Temperature Superconductor Bulk. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-4.	1.7	1
46	Relation between Deformability and Microstructures in a Commercial Pure Ti Sheet Subjected to Dual-temperature Square-shaped Deep Drawing.. ISIJ International, 2001, 41, 37-45.	1.4	1
47	Phase transformation of metallic nanoparticle deposits for the electrodes of flexible electronics. , 2010, , .		0
48	Effect of Sol-Gel Derived Nano-Scale $\text{Y}_2\text{Ba}_4\text{CuAgO}_y$ Addition in Bulk Y-Ba-Cu-O Superconductors. IEEE Transactions on Applied Superconductivity, 2011, 21, 2710-2713.	1.7	0
49	Phase transformation of Cu@Ag core-shell nanoparticles upon heating. , 2012, , .		0
50	Realization of compact hybrid trapped field magnet above 10 T with 7 T applied field. Superconductor Science and Technology, 2021, 34, 110501.	3.5	0
51	Simulation of Particle Trajectory Under Laminar Flow for MDDS Application. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	0