Ivan I V Hadzaman

List of Publications by Year
in descending order

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27	565	567281 15	940533 16
papers	citations	h-index	g-index

27	27	27	227
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microstructural Peculiarities Caused by Annealing in the Temperature-Sensitive Thick Films Based on Cu0.1Ni0.1Co1.6Mn1.2O4 Ceramics. , 2019, , .		0
2	Preparation and Characterization of One-Layered Humidity-Sensitive Thick Films for Sensor Electronics. , 2019, , .		0
3	Porous Structure and Exploitation Properties of Nanostructured MgO-Al<inf>2</inf>O<inf>3</inf> Ceramics Technologically Modified by Time-Temperature Regimes. , 2018, , .		1
4	Phase Composition and Structural Properties of Temperature-and Humidity-Sensitive Thick-Film Nanostructures. , 2018, , .		0
5	Microstructure of Modified Cu0.4 Ni0.4 Co0.4 Mn1.8 O4 Ceramics for Temperature Sensor Electronics. , 2018, , .		0
6	Ageing processes in one-, two- and three-layered thick films based on modified thermistor ceramics. , 2017, , .		1
7	Positron annihilation characterization of free volume in micro- and macro-modified Cu0.4Co0.4Ni0.4Mn1.8O4 ceramics. Low Temperature Physics, 2016, 42, 601-605.	0.6	44
8	Water-Vapor Sorption Processes in Nanoporous MgO-Al2O3 Ceramics: the PAL Spectroscopy Study. Nanoscale Research Letters, 2016, 11, 133.	5.7	32
9	Nanostructural Free-Volume Effects in Humidity-Sensitive MgO-Al2O3 Ceramics for Sensor Applications. Journal of Materials Engineering and Performance, 2016, 25, 866-873.	2.5	33
10	Influence of Sintering Temperature on Pore Structure and Electrical properties of Technologically Modified MgO-Al2O3 Ceramics. Medziagotyra, 2015, 21, .	0.2	29
11	Thermally-induced electronic relaxation in structurally-modified Cu0.1Ni0.8Co0.2Mn1.9O4 spinel ceramics. Physica B: Condensed Matter, 2015, 459, 116-121.	2.7	31
12	Multilayer thick-film structures based on spinel ceramics. Canadian Journal of Physics, 2014, 92, 822-826.	1.1	27
13	Nanostructured oxyspinel multilayers for novel high-efficient conversion and control. International Journal of Nanotechnology, 2014, 11, 843.	0.2	29
14	Evolution of porous structure and free-volume entities in magnesium aluminate spinel ceramics. Ceramics International, 2014, 40, 8561-8567.	4.8	37
15	Design and properties of nanostructured thick-film structures for sensor microelectronics. , 2014, , .		0
16	Degradation transformation in spinel-type functional thick-film ceramic materials. Microelectronics Reliability, 2014, 54, 2843-2848.	1.7	31
17	Integrated thick-film nanostructures based on spinel ceramics. Nanoscale Research Letters, 2014, 9, 149.	5.7	28
18	Structural and Magnetic Properties of Sintered Materials on the Basis of Zinc Oxide. Solid State Phenomena, 2013, 200, 261-266.	0.3	0

#	Article	IF	Citations
19	Integrated Thick-Film P-i-p⁺ Structures Based on Spinel Ceramics. Solid State Phenomena, 2013, 200, 156-161.	0.3	27
20	Sintering-modified mixed Niâ€“Coâ€“Cu oxymanganospinels for NTC electroceramics. Journal of Alloys and Compounds, 2011, 509, 447-450.	5.5	31
21	PAL spectroscopy in application to humidity-sensitive MgAl2O4 ceramics. Journal of the European Ceramic Society, 2005, 25, 2981-2984.	5.7	37
22	New Spinel-Based Manganites Used in Thick-Film NTC Thermistors. Solid State Phenomena, 2003, 90-91, 565-570.	0.3	0
23	Microstructure, crystal structure and electrical properties of Cu0.1Ni0.8Co0.2Mn1.9O4 ceramics obtained at different sintering conditions. Journal of Alloys and Compounds, 2002, 347, 14-23.	5.5	40
24	Controlled thermistor effect in the system CuxNi1â€“xâ€“yCo2yMn2â€“yO4. Journal of the European Ceramic Society, 2001, 21, 1783-1785.	5.7	95
25	Aging Phenomena in Cu_{0.1}Ni_{0.8}Co_{0.2}Mn_{1.9}O₄ NTC Ceramics. Key Engineering Materials, 2001, 206-213, 1317-1320.	0.4	2
26	Combined study of internal nanovoids in Cu0.1Ni0.1Co1.6Mn1.2O4-based thick-film layers formed near grain boundaries. Applied Nanoscience (Switzerland), 0, , 1.	3.1	6
27	Extended Positronâ€“Positronium Trapping Defects in the MgAl ₂ O ₄ Spinel Ceramics. Physica Status Solidi (B): Basic Research, 0, , 2100473.	1.5	4