Ender Suvaci

List of Publications by Year
in descending order

65 papers	2,004 citations	279798 23 h-index	243625 44 g-index
65 all docs	65 docs citations	65 times ranked	2105 citing authors

#	Article	IF	Citations
1	Tailoring microstructure of polysulfone membranes via novel hexagonal ZnO particles to achieve improved filtration performance. Journal of Membrane Science, 2022, 651, 120462.	8.2	8
2	Hydrothermal Synthesis. , 2021, , 59-68.		7
3	Investigation of the chemical stability of Zn2SnO4 in aqueous media by using ICP-OES and TEM analyses. Materials Chemistry and Physics, 2020, 239, 122066.	4.0	7
4	Characterization of designed, transparent and conductive Al doped ZnO particles and their utilization in conductive polymer composites. Powder Technology, 2020, 374, 214-222.	4.2	11
5	Electrochemical properties of ZnO anode materials with MicNo Â® morphology. International Journal of Applied Ceramic Technology, 2020, 17, 1882-1890.	2.1	1
6	Synthesis of anatase particles via morphological control of titanium glycerolate intermediate precursor. CrystEngComm, 2019, 21, 4250-4254.	2.6	5
7	Biocompatibility of designed MicNo-ZnO particles: Cytotoxicity, genotoxicity and phototoxicity in human skin keratinocyte cells. Toxicology in Vitro, 2018, 47, 238-248.	2.4	9
8	Chemical stability of KNbO₃, NaNbO₃, and K_{0.5}Na_{0.5}NbO₃ in aqueous medium. Journal of the American Ceramic Society, 2018, 101, 1074-1086.	3.8	20
9	Amorphous Films of Ternary Zinc and Tin Oxides for Transparent Electronics. Technical Physics Letters, 2018, 44, 984-987.	0.7	3
10	Crystallographic and magnetic investigations of textured bismuth ferrite lead titanate layers. Materials Research Express, 2018, 5, 126103.	1.6	0
11	Antimicrobial activity of designed undoped and doped MicNo-ZnO particles. Journal of Drug Delivery Science and Technology, 2018, 47, 309-321.	3.0	16
12	Roles of CaO, MgO and SiO2 on crystallization and microstructure development in diopside-based glass-ceramic glazes under industrial fast-firing condition. Journal of the Australian Ceramic Society, 2017, 53, 75-81.	1.9	10
13	Processingâ€structureâ€property relationship in rigid polyurethane foams. Journal of Applied Polymer Science, 2017, 134, .	2.6	23
14	A comparative study on few-layer graphene production by exfoliation of different starting materials in a low boiling point solvent. FlatChem, 2017, 1, 74-88.	5.6	47
15	Crystallization Mechanism of <scp>CVD</scp> Si₃N₄â€“Si<scp>CN</scp> Composite Ceramics Annealed in N₂ Atmosphere and Their Excellent <scp>EMW</scp> Absorption Properties. Journal of the American Ceramic Society, 2016, 99, 2672-2679.	3.8	30
16	The role of hydrothermal pathways in the evolution of the morphology of ZnO crystals. Ceramics International, 2016, 42, 15358-15366.	4.8	29
17	Effects of TiO₂, ZnO, and Fe₃O₄ nanofillers on rheological behavior, microstructure, and reaction kinetics of rigid polyurethane foams. Journal of Applied Polymer Science, 2016, 133, .	2.6	17
18	Relationship between heating atmosphere and copper foil impurities during graphene growth via low pressure chemical vapor deposition. Carbon, 2016, 109, 529-541.	10.3	16

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19	Anisotropic mechanical and functional properties of graphene-based alumina matrix nanocomposites. Journal of the European Ceramic Society, 2016, 36, 2075-2086.	5.7	57
20	Characterization of thick bismuth ferriteâ€“lead titanate films processed by tape casting and templated grain growth. Journal of the European Ceramic Society, 2015, 35, 4453-4458.	5.7	4
21	Synthesis of Zn2SnO4 powders via hydrothermal method for ceramic targets. Journal of the European Ceramic Society, 2015, 35, 3885-3892.	5.7	16
22	Texture analysis of thick bismuth ferrite lead titanate layers. , 2014, , .		1
23	Synthesis of compositionally different multicomponent metal-oxide films (SnO2) x (ZnO)1 â˜ x (x =) Tj ETQq1 1 0.784314 rgBT /Over	0.5	4
24	Voltammetric and electrochemical impedimetric behavior of silica-based gel electrolyte for valve-regulated lead-acid battery. Journal of Solid State Electrochemistry, 2014, 18, 2469-2479.	2.5	54
25	Texture analysis of thick bismuth ferrite lead titanate layers. , 2014, , .		0
26	Stability of zircon pigments in water and diethylene glycol media: The case of turquoise Vâ€“ZrSiO4. Ceramics International, 2013, 39, 1909-1915.	4.8	6
27	Electric-field-induced phase switching in textured Ba-doped bismuth ferrite lead titanate. , 2013, , .		2
28	Texture development in Fe-doped alumina ceramics via templated grain growth and their application to carbon nanotube growth. Journal of the European Ceramic Society, 2013, 33, 1093-1100.	5.7	4
29	Synchrotron texture analysis of thick BiFeO<inf>3</inf>-PbTiO<inf>3</inf> layers synthesised by tape casting using Aurivillius and non-Aurivillius templates. , 2012, , .		2
30	Organized growth of carbon nanotubes on Fe-doped alumina ceramic substrates. Carbon, 2012, 50, 3092-3095.	10.3	35
31	Solubility of blue CoAl2O4 ceramic pigments in water and diethylene glycol media. Ceramics International, 2011, 37, 863-870.	4.8	34
32	Role of organic additives on non-aqueous tape casting of SiAlON ceramics. Journal of the European Ceramic Society, 2011, 31, 167-173.	5.7	20
33	Sintering, microstructure, mechanical, and antimicrobial properties of HApâ€ZnO biocomposites. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2010, 95B, 430-440.	3.4	53
34	The role of viscosity on microstructure development and stain resistance in porcelain stoneware tiles. Journal of the European Ceramic Society, 2010, 30, 3071-3077.	5.7	41
35	Microstructureâ€“property relationship in textured ZnO-based varistors. Acta Materialia, 2010, 58, 4126-4136.	7.9	18
36	Application of Homogeneously Precipitated Nanosized Feâ€Doped Alumina Powders to Carbon Nanotube Growth. Journal of the American Ceramic Society, 2010, 93, 3732-3739.	3.8	5

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37	Hybrid processing and anisotropic sintering shrinkage in textured ZnO ceramics. Science and Technology of Advanced Materials, 2010, 11, 065006.	6.1	14
38	Single crystal growth in PMN-PT and PMN-PZT. Journal of Materials Science, 2009, 44, 1757-1763.	3.7	5
39	Textured PMNâ€“PT and PMNâ€“PZT. Journal of the American Ceramic Society, 2008, 91, 929-933.	3.8	90
40	SINGLE CRYSTAL GROWTH AND TEXTURING OF LEAD-BASED PIEZOELECTRIC CERAMICS VIA TEMPLATED GRAIN GROWTH PROCESS. Functional Materials Letters, 2008, 01, 127-132.	1.2	9
41	Preparation of nanosized tin oxide (SnO2) powder by homogeneous precipitation. Ceramics International, 2007, 33, 537-542.	4.8	51
42	Deaging of heat-treated iron-doped lead zirconate titanate ceramics. Applied Physics Letters, 2006, 89, 262908.	3.3	30
43	The Role of Material Chemistry in Processing BaTiO3 in Aqueous Suspensions. Journal of the American Ceramic Society, 2006, 89, 1853-1860.	3.8	22
44	Anisotropic Sintering Shrinkage in Alumina Ceramics Containing Oriented Platelets. Journal of the American Ceramic Society, 2006, 89, 1972-1976.	3.8	53
45	Fabrication of Functionally Graded SiAlON Ceramics by Tape Casting. Journal of the American Ceramic Society, 2006, 89, 3255-3257.	3.8	30
46	Electrophoretic deposition of nano-sized BaTiO3. Journal of Materials Science, 2006, 41, 8196-8201.	3.7	8
47	Processing of textured zinc oxide varistors via templated grain growth. Journal of the European Ceramic Society, 2005, 25, 1663-1673.	5.7	65
48	Textured ZnO-Based Varistors via Templated Grain Growth. Key Engineering Materials, 2004, 264-268, 297-300.	0.4	3
49	Synthesis of Nanosized Tin Oxide (SnO₂) Particles via Homogeneous Precipitation. Key Engineering Materials, 2004, 264-268, 1205-1208.	0.4	1
50	Templated Grain Growth of Textured Piezoelectric Ceramics. Critical Reviews in Solid State and Materials Sciences, 2004, 29, 45-96.	12.3	513
51	Formation mechanisms and morphological changes during the hydrothermal synthesis of BaTiO3 particles from a chemically modified, amorphous titanium (hydrous) oxide precursor. Journal of the European Ceramic Society, 2003, 23, 2153-2161.	5.7	71
52	Hydrothermal synthesis of lead titanate and lead zirconate titanate electroceramic particles. Chemical Engineering Communications, 2003, 190, 843-852.	2.6	4
53	Computational analysis on cymbal transducer. Chemical Engineering Communications, 2003, 190, 853-860.	2.6	16
54	Preparation and Fracture Behavior of Alumina Platelet Reinforced Alumina-Monazite Composites. Materials Transactions, 2002, 43, 3262-3265.	1.2	4

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55	Phase development of barium titanate from chemically modified-amorphous titanium (hydrous) oxide precursor. Journal of the European Ceramic Society, 2002, 22, 809-815.	5.7	35
56	Kinetics of template growth in alumina during the process of templated grain growth (TGG). Acta Materialia, 2001, 49, 2075-2081.	7.9	37
57	Seeding of the Reactionâ€Bonded Aluminum Oxide Process. Journal of the American Ceramic Society, 2001, 84, 657-659.	3.8	6
58	Morphological control of particles. Current Opinion in Colloid and Interface Science, 2000, 5, 160-167.	7.4	137
59	Modeling Anisotropic Single Crystal Growth Kinetics in Liquid Phase Sintered Î±-Al2O3. Journal of Materials Science, 2000, 8, 257-267.	1.2	19
60	The Reactionâ€Bonded Aluminum Oxide Process: I, The Effect of Attrition Milling on the Solidâ€State Oxidation of Aluminum Powder. Journal of the American Ceramic Society, 2000, 83, 299-305.	3.8	24
61	The Reactionâ€Bonded Aluminum Oxide (RBAO) Process: II, The Solidâ€State Oxidation of RBAO Compacts. Journal of the American Ceramic Society, 2000, 83, 1845-1852.	3.8	5
62	Critical Factors in the Templated Grain Growth of Textured Reactionâ€Bonded Alumina. Journal of the American Ceramic Society, 2000, 83, 2041-2048.	3.8	88
63	Reaction-based Processing of Textured Alumina by Templated Grain Growth. Journal of the European Ceramic Society, 1999, 19, 2465-2474.	5.7	33
64	Processing parameter effects on the reaction bonding of aluminum oxide process*. Journal of Materials Science, 1999, 34, 3249-3261.	3.7	16
65	Texture Development in Reaction-Bonded Alumina (Rbao) Ceramics Via Templated Grain Growth. Ceramic Engineering and Science Proceedings, 0, , 71-78.	0.1	0