

# Dragan P Uskokovic

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2596374/publications.pdf>

Version: 2024-02-01

146  
papers

5,268  
citations

87723

38  
h-index

98622

67  
g-index

149  
all docs

149  
docs citations

149  
times ranked

6829  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic structure and x-ray spectra of the Ce <sub>2</sub> ScSi <sub>2</sub> compound. Journal of Physical Studies, 2020, 24, .	0.2	0
2	From molecules to nanoparticles to functional materials. Journal of the Serbian Chemical Society, 2020, 85, 1383-1403.	0.4	2
3	Structural and electrochemical properties of the Li <sub>2</sub> FeP <sub>2</sub> O <sub>7</sub> /C composite prepared using soluble methylcellulose. Journal of Alloys and Compounds, 2019, 786, 912-919.	2.8	4
4	Effects of hydroxyapatite@poly-lactide-co-glycolide nanoparticles combined with Pb and Cd on liver and kidney parenchyma after the reconstruction of mandibular bone defects. Toxicology Research, 2019, 8, 287-296.	0.9	4
5	Surfactant-assisted microwave processing of ZnO particles: a simple way for designing the surface-to-bulk defect ratio and improving photo(electro)catalytic properties. RSC Advances, 2019, 9, 17165-17178.	1.7	22
6	Chitosan oligosaccharide lactate coated hydroxyapatite nanoparticles as a vehicle for the delivery of steroid drugs and the targeting of breast cancer cells. Journal of Materials Chemistry B, 2018, 6, 6957-6968.	2.9	33
7	Molecular designing of nanoparticles and functional materials. Journal of the Serbian Chemical Society, 2017, 82, 607-625.	0.4	0
8	New insights into BaTi <sub>1-x</sub> Sn <sub>x</sub> O <sub>3</sub> (0 ≤ x ≤ 1) Tj ETQq0 0 0 rgBT /Over 1726-1733.	1.9	17
9	Selective anticancer activity of hydroxyapatite/chitosan-poly(d,l)-lactide-co-glycolide particles loaded with an androstane-based cancer inhibitor. Colloids and Surfaces B: Biointerfaces, 2016, 148, 629-639.	2.5	25
10	Electronic structure and X-ray spectroscopic properties of YbNi <sub>2</sub> P <sub>2</sub> . Journal of Electron Spectroscopy and Related Phenomena, 2016, 212, 5-10.	0.8	3
11	Scanning Electron Microscopy Analysis of Changes of Hydroxiapatite/Poly-L-Lactide with Different Molecular Weight of PLLAaAfter Intraperitoneal Implantation. Acta Veterinaria, 2016, 66, 234-244.	0.2	0
12	Hydrothermally processed 1D hydroxyapatite: Mechanism of formation and biocompatibility studies. Materials Science and Engineering C, 2016, 68, 746-757.	3.8	31
13	<i>In Vitro</i> Evaluation of Nanoscale Hydroxyapatite-Based Bone Reconstructive Materials with Antimicrobial Properties. Journal of Nanoscience and Nanotechnology, 2016, 16, 1420-1428.	0.9	8
14	Chitosan-PLGA polymer blends as coatings for hydroxyapatite nanoparticles and their effect on antimicrobial properties, osteoconductivity and regeneration of osseous tissues. Materials Science and Engineering C, 2016, 60, 357-364.	3.8	76
15	The use of methylcellulose for the synthesis of Li <sub>2</sub> FeSiO <sub>4</sub> /C composites. Cellulose, 2016, 23, 239-246.	2.4	3
16	Effect of PEO molecular weight on sunlight induced photocatalytic activity of ZnO/PEO composites. Solar Energy, 2016, 127, 124-135.	2.9	13
17	Synthesis and optical properties of ZnO and ZnO/PEO nanonsructured powders. Tehnika, 2016, 71, 9-15.	0.0	3
18	Synthesis of Li <sub>2</sub> FeSiO <sub>4</sub> /C composite by sol-gel citric acid assisted method. Tehnika, 2016, 71, 181-184.	0.0	0

#	ARTICLE	IF	CITATIONS
19	Synthesis and Characterization of Hydroxyapatite/Fullerenol Nanocomposites. Journal of Nanoscience and Nanotechnology, 2015, 15, 1538-1542.	0.9	12
20	Enhanced high-temperature electrical response of hydroxyapatite upon grain size refinement. Materials Research Bulletin, 2015, 61, 534-538.	2.7	7
21	The use of various dicarboxylic acids as a carbon source for the preparation of LiFePO <sub>4</sub> /C composite. Ceramics International, 2015, 41, 6753-6758.	2.3	14
22	Enhanced Osteogenesis of Nanosized Cobalt-substituted Hydroxyapatite. Journal of Bionic Engineering, 2015, 12, 604-612.	2.7	33
23	Designing, fabrication and characterization of nanostructured functionally graded HAp/BCP ceramics. Ceramics International, 2015, 41, 2654-2667.	2.3	35
24	In vitro evaluation of a multifunctional nano drug delivery system based on tigecycline-loaded calcium-phosphate/ poly-DL-lactide-co-glycolide. Bio-Medical Materials and Engineering, 2014, 24, 1647-1658.	0.4	4
25	Multifunctional PLGA particles containing poly(l-glutamic acid)-capped silver nanoparticles and ascorbic acid with simultaneous antioxidative and prolonged antimicrobial activity. Acta Biomaterialia, 2014, 10, 151-162.	4.1	77
26	Synthesis of poly( $\epsilon$ -caprolactone) nanospheres in the presence of the protective agent poly(glutamic) Tj ETQq0 0 0 rgBT /Overlock 10 T Colloids and Surfaces B: Biointerfaces, 2014, 117, 414-424.	2.5	11
27	Investigating an organ-targeting platform based on hydroxyapatite nanoparticles using a novel in situ method of radioactive <sup>125</sup> Iodine labeling. Materials Science and Engineering C, 2014, 43, 439-446.	3.8	42
28	Determination of thermodynamic interactions of poly(l-lactide) and biphasic calcium phosphate/poly(l-lactide) composite by inverse gas chromatography at infinite dilution. Journal of Materials Science, 2014, 49, 5076-5086.	1.7	4
29	Hydroxyapatite nanopowders prepared in the presence of zirconium ions. Materials Letters, 2014, 122, 296-300.	1.3	30
30	Structural study of monoclinic Li <sub>2</sub> FeSiO <sub>4</sub> by X-ray diffraction and Mössbauer spectroscopy. Journal of Power Sources, 2014, 265, 75-80.	4.0	10
31	The effect of Sn for Ti substitution on the average and local crystal structure of BaTi <sub>1-x</sub> Sn <sub>x</sub> O <sub>3</sub> (0 ≤ x ≤ 0.20). Journal of Applied Crystallography, 2014, 47, 999-1007.	1.9	28
32	Improved percutaneous delivery of ketoprofen using combined application of nanocarriers and silicon microneedles. Journal of Pharmacy and Pharmacology, 2013, 65, 1451-1462.	1.2	39
33	The solvothermal synthesis of magnetic iron oxide nanocrystals and the preparation of hybrid poly(l-lactide)-polyethyleneimine magnetic particles. Colloids and Surfaces B: Biointerfaces, 2013, 109, 236-243.	2.5	21
34	Osteogenic and antimicrobial nanoparticulate calcium phosphate and poly-(d,l-lactide-co-glycolide) powders for the treatment of osteomyelitis. Materials Science and Engineering C, 2013, 33, 3362-3373.	3.8	48
35	Properties of quenched LiFePO <sub>4</sub> /C powder obtained via cellulose matrix-assisted method. Powder Technology, 2013, 246, 539-544.	2.1	8
36	Crystal structure analysis and first principle investigation of F doping in LiFePO <sub>4</sub> . Journal of Power Sources, 2013, 241, 70-79.	4.0	42

#	ARTICLE	IF	CITATIONS
37	Nanoparticles of cobalt-substituted hydroxyapatite in regeneration of mandibular osteoporotic bones. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 343-354.	1.7	83
38	Facile synthesis of poly( $\beta$ -caprolactone) micro and nanospheres using different types of polyelectrolytes as stabilizers under ambient and elevated temperature. <i>Composites Part B: Engineering</i> , 2013, 45, 1471-1479.	5.9	15
39	Influence of size scale and morphology on antibacterial properties of ZnO powders hydrothermally synthesized using different surface stabilizing agents. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 102, 21-28.	2.5	178
40	Multifunctional hydroxyapatite and poly(d,l-lactide-co-glycolide) nanoparticles for the local delivery of cholecalciferol. <i>Materials Science and Engineering C</i> , 2013, 33, 943-950.	3.8	57
41	Facile Solvothermal Preparation of Monodisperse Gold Nanoparticles and Their Engineered Assembly of Ferritin-Gold Nanoclusters. <i>Langmuir</i> , 2013, 29, 15698-15703.	1.6	35
42	Composite PLGA/AgNpPGA/AsH Nanospheres with Combined Osteoinductive, Antioxidative, and Antimicrobial Activities. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 9034-9042.	4.0	35
43	Apatite Formation on Nanomaterial Calcium Phosphate/poly-DL-lactide-co-glycolide in Simulated Body Fluid. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2012, 10, 43-48.	0.7	4
44	Processing Route to Fully Dense Nanostructured HAp Bioceramics: From Powder Synthesis to Sintering. <i>Journal of the American Ceramic Society</i> , 2012, 95, 3394-3402.	1.9	16
45	Poly(lactide-co-glycolide)/silver nanoparticles: Synthesis, characterization, antimicrobial activity, cytotoxicity assessment and ROS-inducing potential. <i>Polymer</i> , 2012, 53, 2818-2828.	1.8	63
46	ZnO micro and nanocrystals with enhanced visible light absorption. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2012, 177, 1038-1045.	1.7	19
47	Polyimide-fullerene nanostructured materials for nonlinear optics and solar energy applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2012, 23, 1538-1542.	1.1	47
48	Poly(d,l-lactide-co-glycolide)/hydroxyapatite core-shell nanospheres. Part 4: A change of the surface properties during degradation process and the corresponding in vitro cellular response. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 91, 144-153.	2.5	11
49	Peculiarities in sintering behavior of Ca-deficient hydroxyapatite nanopowders. <i>Materials Letters</i> , 2012, 68, 331-335.	1.3	12
50	Rapid crystallization of LiFePO <sub>4</sub> particles by facile emulsion-mediated solvothermal synthesis. <i>Powder Technology</i> , 2012, 219, 128-134.	2.1	11
51	A new, simple, green, and one-pot four-component synthesis of bare and poly( $\beta$ , $\gamma$ -l-glutamic acid)-capped silver nanoparticles. <i>Colloid and Polymer Science</i> , 2012, 290, 221-231.	1.0	38
52	Synthetic bone-like and biological hydroxyapatites: a comparative study of crystal structure and morphology. <i>Biomedical Materials (Bristol)</i> , 2011, 6, 045005.	1.7	82
53	The Growth of Silver Nanoparticles and Their Combination with Hydroxyapatite To Form Composites via a Sonochemical Approach. <i>Crystal Growth and Design</i> , 2011, 11, 3802-3812.	1.4	29
54	Controlled mechanochemically assisted synthesis of ZnO nanopowders in the presence of oxalic acid. <i>Journal of Materials Science</i> , 2011, 46, 3716-3724.	1.7	37

#	ARTICLE	IF	CITATIONS
55	Preparation of LiFePO <sub>4</sub> /C composites by co-precipitation in molten stearic acid. <i>Journal of Power Sources</i> , 2011, 196, 4613-4618.	4.0	32
56	Poly(d,l-lactide-co-glycolide)/hydroxyapatite core-shell nanospheres. Part 1: A multifunctional system for controlled drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 82, 404-413.	2.5	30
57	Poly(D,L-lactide-co-glycolide)/hydroxyapatite core-shell nanosphere. Part 2: Simultaneous release of a drug and a prodrug (clindamycin and clindamycin phosphate). <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 82, 414-421.	2.5	32
58	Nanosized hydroxyapatite and other calcium phosphates: Chemistry of formation and application as drug and gene delivery agents. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2011, 96B, 152-191.	1.6	438
59	Poly(d,l-lactide-co-glycolide)/hydroxyapatite core-shell nanospheres. Part 3: Properties of hydroxyapatite nano-rods and investigation of a distribution of the drug within the composite. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 87, 226-235.	2.5	20
60	Dense fine-grained biphasic calcium phosphate (BCP) bioceramics designed by two-step sintering. <i>Journal of the European Ceramic Society</i> , 2011, 31, 19-27.	2.8	64
61	DNA damage and alterations in expression of DNA damage responsive genes induced by TiO <sub>2</sub> nanoparticles in human hepatoma HepG2 cells. <i>Nanotoxicology</i> , 2011, 5, 341-353.	1.6	192
62	ROS-inducing potential, influence of different porogens and in vitro degradation of poly (D,L-lactide-co-glycolide)-based material. <i>EXPRESS Polymer Letters</i> , 2011, 5, 996-1008.	1.1	17
63	A novel nano drug delivery system based on tige cycline-loaded calcium phosphate coated with poly-dl-lactide-co-glycolide. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 231-239.	1.7	40
64	Size effect of calcium phosphate coated with poly(D,L-lactide-co-glycolide) on healing processes in bone reconstruction. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2010, 94B, 108-117.	1.6	19
65	Electrical properties of barium titanate stannate functionally graded materials. <i>Journal of the European Ceramic Society</i> , 2010, 30, 1427-1435.	2.8	20
66	Influence of ultrasonic processing on the macromolecular properties of poly (d,l-lactide-co-glycolide) alone and in its biocomposite with hydroxyapatite. <i>Ultrasonics Sonochemistry</i> , 2010, 17, 902-908.	3.8	8
67	Crystal structure of cobalt-substituted calcium hydroxyapatite nanopowders prepared by hydrothermal processing. <i>Journal of Applied Crystallography</i> , 2010, 43, 320-327.	1.9	81
68	PHOTOREFRACTIVE AND PHOTOCONDUCTIVE FEATURES OF THE NANOSTRUCTURED MATERIALS. <i>International Journal of Modern Physics B</i> , 2010, 24, 695-702.	1.0	10
69	Surface characterisation of PLLA polymer in HAp/PLLA biocomposite material by means of nanoindentation and artificial neural networks. <i>Advances in Applied Ceramics</i> , 2010, 109, 65-70.	0.6	5
70	An innovative, quick and convenient labeling method for the investigation of pharmacological behavior and the metabolism of poly(DL-lactide-co-glycolide) nanospheres. <i>Nanotechnology</i> , 2009, 20, 335102.	1.3	28
71	The master sintering curves for BaTi <sub>0.975</sub> Sn <sub>0.025</sub> O <sub>3</sub> /BaTi <sub>0.85</sub> Sn <sub>0.15</sub> O <sub>3</sub> functionally graded materials. <i>Journal of the European Ceramic Society</i> , 2009, 29, 2309-2316.	2.8	17
72	A review of recent developments in the synthesis procedures of lithium iron phosphate powders. <i>Journal of Power Sources</i> , 2009, 190, 538-544.	4.0	303

#	ARTICLE	IF	CITATIONS
73	Controlled assembly of poly(d,l-lactide-co-glycolide)/hydroxyapatite core-shell nanospheres under ultrasonic irradiation. <i>Acta Biomaterialia</i> , 2009, 5, 208-218.	4.1	44
74	Influence of different degradation medium on release of ascorbic acid from poly(D,L-lactide-co-glycolide) nano- and microspheres. <i>Russian Journal of Physical Chemistry A</i> , 2009, 83, 1457-1460.	0.1	5
75	Densification, Microstructure, and Electrical Properties of BaTiO <sub>3</sub> (BT) Ceramics Prepared from Ultrasonically De-Agglomerated BT Powders. <i>Materials and Manufacturing Processes</i> , 2009, 24, 1114-1123.	2.7	21
76	Hydrothermal Synthesis of Nanosized Pure and Cobalt-Exchanged Hydroxyapatite. <i>Materials and Manufacturing Processes</i> , 2009, 24, 1096-1103.	2.7	74
77	Poly(lactide-co-glycolide)-based Micro and Nanoparticles for the Controlled Drug Delivery of Vitamins. <i>Current Nanoscience</i> , 2009, 5, 1-14.	0.7	141
78	Ectopic osteogenesis and hematopoiesis after implantation of bone marrow cells seeded on HAP/PLLA scaffold. <i>Hemijaska Industrija</i> , 2009, 63, 301-307.	0.3	4
79	Preparation of smallest microparticles of poly(D,L-lactide) by modified precipitation method: Influence of the process parameters. <i>Microscopy Research and Technique</i> , 2008, 71, 86-92.	1.2	9
80	Ground-state magnetism of chromium-substituted LiMn <sub>2</sub> O <sub>4</sub> spinel. <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, 943-949.	1.0	2
81	Synthesis and characterization of LiFePO <sub>4</sub> /C composite obtained by sonochemical method. <i>Solid State Ionics</i> , 2008, 179, 415-419.	1.3	38
82	Ultrasonic de-agglomeration of barium titanate powder. <i>Ultrasonics Sonochemistry</i> , 2008, 15, 16-20.	3.8	44
83	Morphological changes of poly(DL-lactide-co-glycolide) nanoparticles containing ascorbic acid during <i>in vitro</i> degradation process. <i>Journal of Microscopy</i> , 2008, 232, 511-516.	0.8	2
84	Influence of solvent on the structural and morphological properties of AgI particles prepared using ultrasonic spray pyrolysis. <i>Materials Chemistry and Physics</i> , 2008, 107, 28-32.	2.0	23
85	Refractive Index of Organic Systems Doped with Nano-Objects. <i>Materials and Manufacturing Processes</i> , 2008, 23, 552-556.	2.7	22
86	Crystal Structure of Hydroxyapatite Nanorods Synthesized by Sonochemical Homogeneous Precipitation. <i>Crystal Growth and Design</i> , 2008, 8, 2217-2222.	1.4	207
87	Biodegradable composites based on nanocrystalline calcium phosphate and bioresorbable polymers. <i>Advances in Applied Ceramics</i> , 2008, 107, 142-147.	0.6	10
88	Poly(DL-lactide-co-glycolide) Nanospheres for the Sustained Release of Folic Acid. <i>Journal of Biomedical Nanotechnology</i> , 2008, 4, 349-358.	0.5	47
89	Nanomaterial N-CP/DLPLG as potential tissue graft in osteoreparation in combination with bone marrow cells on subcutaneous implantation model. <i>Hemijaska Industrija</i> , 2008, 62, 205-210.	0.3	6
90	NANOSTRUCTURED ZrO <sub>2</sub> POWDER SYNTHESIZED BY ULTRASONIC SPRAY PYROLYSIS. <i>Surface Review and Letters</i> , 2007, 14, 915-919.	0.5	3

#	ARTICLE	IF	CITATIONS
91	Preparation and Characterization of Poly(D,L-Lactide-co-Glycolide) Nanoparticles Containing Ascorbic Acid. <i>Journal of Biomedicine and Biotechnology</i> , 2007, 2007, 1-8.	3.0	16
92	Fabrication, in vitro degradation and the release behaviours of poly(dl-lactide-co-glycolide) nanospheres containing ascorbic acid. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 59, 215-223.	2.5	68
93	Micro- and nano-injectable composite biomaterials containing calcium phosphate coated with poly(dl-lactide-co-glycolide). <i>Acta Biomaterialia</i> , 2007, 3, 927-935.	4.1	47
94	Preparation and properties of BaTi <sub>1-x</sub> Sr <sub>x</sub> O <sub>3</sub> multilayered ceramics. <i>Journal of the European Ceramic Society</i> , 2007, 27, 505-509.	2.8	81
95	Micromechanical properties of a hydroxyapatite/poly-l-lactide biocomposite using nanoindentation and modulus mapping. <i>Journal of the European Ceramic Society</i> , 2007, 27, 1559-1564.	2.8	49
96	Structural and magnetic characterization of LiMn <sub>1.825</sub> Cr <sub>0.175</sub> O <sub>4</sub> spinel obtained by ultrasonic spray pyrolysis. <i>Materials Research Bulletin</i> , 2007, 42, 515-522.	2.7	8
97	Stereological analysis of the poly-(dl-lactide-co-glycolide) submicron sphere prepared by solvent/non-solvent chemical methods and centrifugal processing. <i>Journal of Materials Science: Materials in Medicine</i> , 2007, 18, 1339-1344.	1.7	15
98	Radiation-induced degradation of hydroxyapatite/poly L-lactide composite biomaterial. <i>Radiation Physics and Chemistry</i> , 2007, 76, 722-728.	1.4	31
99	Biphasic calcium phosphate coated with poly-d,l-lactide-co-glycolide biomaterial as a bone substitute. <i>Journal of the European Ceramic Society</i> , 2007, 27, 1589-1594.	2.8	32
100	Formation of silver iodide particles from thermodynamically stable clusters using ultrasonic spray pyrolysis. <i>Journal of the European Ceramic Society</i> , 2007, 27, 927-929.	2.8	14
101	The Formation and Characterization of Nanocrystalline Phases by Mechanical Milling of Biphasic Calcium Phosphate/Poly-L-Lactide Biocomposite. <i>Materials Transactions</i> , 2006, 47, 2980-2986.	0.4	10
102	Cytotoxicity and fibroblast properties during in vitro test of biphasic calcium phosphate/poly-dl-lactide-co-glycolide biocomposites and different phosphate materials. <i>Microscopy Research and Technique</i> , 2006, 69, 976-982.	1.2	32
103	Nanoindentation of In Situ Polymers in Hydroxyapatite/Poly-L-Lactide Biocomposites. <i>Materials Science Forum</i> , 2006, 518, 501-506.	0.3	3
104	Calcium Hydroxyapatite Thin Films on Titanium Substrates Prepared by Ultrasonic Spray Pyrolysis. <i>Materials Transactions</i> , 2005, 46, 228-235.	0.4	23
105	New biocomposite [biphasic calcium phosphate/ poly-DL-lactide-co-glycolide/biostimulative agent] filler for reconstruction of bone tissue changed by osteoporosis. <i>Journal of Materials Science: Materials in Medicine</i> , 2005, 16, 621-626.	1.7	29
106	Repair of Bone Tissue Affected by Osteoporosis with Hydroxyapatite-Poly-L-lactide (HAp-PLLA) With and Without Blood Plasma. <i>Journal of Biomaterials Applications</i> , 2005, 20, 179-190.	1.2	22
107	Evaluation of hot-pressed hydroxyapatite/poly-L-lactide composite biomaterial characteristics. <i>Journal of Biomedical Materials Research Part B</i> , 2004, 71B, 284-294.	3.0	69
108	Designing of nanostructured hollow TiO <sub>2</sub> spheres obtained by ultrasonic spray pyrolysis. <i>Journal of Colloid and Interface Science</i> , 2004, 278, 342-352.	5.0	98

#	ARTICLE	IF	CITATIONS
109	Mechanochemical synthesis of nanostructured fluorapatite/fluorhydroxyapatite and carbonated fluorapatite/fluorhydroxyapatite. <i>Journal of Solid State Chemistry</i> , 2004, 177, 2565-2574.	1.4	106
110	Synthesis and application of hydroxyapatite/polylactide composite biomaterial. <i>Applied Surface Science</i> , 2004, 238, 314-319.	3.1	86
111	The influence of hydroxyapatite modification on the cross-linking of polydimethylsiloxane/HAp composites. <i>Colloids and Surfaces B: Biointerfaces</i> , 2004, 39, 181-186.	2.5	16
112	Estimation of elastic properties of a particulate polymer composite using a face-centered cubic FE model. <i>Materials Letters</i> , 2004, 58, 2437-2441.	1.3	28
113	Finite Element Modeling of Mechanical Properties of Particulate Composite Biomaterials. <i>Materials Science Forum</i> , 2003, 413, 257-262.	0.3	3
114	Gamma irradiation processing of hydroxyapatite/poly-L-lactide composite biomaterial. <i>Radiation Physics and Chemistry</i> , 2003, 67, 375-379.	1.4	44
115	TiO <sub>2</sub> films prepared by ultrasonic spray pyrolysis of nanosize precursor. <i>Materials Letters</i> , 2002, 54, 298-302.	1.3	71
116	Predictive modeling of the mechanical properties of particulate hydroxyapatite reinforced polymer composites. <i>Journal of Biomedical Materials Research Part B</i> , 2002, 63, 793-799.	3.0	29
117	Structure and characteristics of the hot pressed hydroxyapatite/poly-L-lactide composite. <i>Science of Sintering</i> , 2002, 34, 79-93.	0.5	12
118	Stress analysis in hydroxyapatite/poly-l-lactide composite biomaterials. <i>Computational Materials Science</i> , 2001, 20, 275-283.	1.4	11
119	A study of HAp/PLLA composite as a substitute for bone powder, using FT-IR spectroscopy. <i>Biomaterials</i> , 2001, 22, 571-575.	5.7	130
120	ZnO Varistors Prepared by Direct Mixing of Constituent Phases. <i>Materials Transactions, JIM</i> , 2000, 41, 1226-1231.	0.9	13
121	Synthesis and properties of hydroxyapatite/poly-?-lactide composite biomaterials. <i>Biomaterials</i> , 1999, 20, 809-816.	5.7	195
122	Influence of aerosol formation mechanism by an ultrasonic field on particle size distribution of ceramic powders. <i>Ultrasonics Sonochemistry</i> , 1999, 6, 157-169.	3.8	18
123	Microstructural characteristics of calcium hydroxyapatite/poly-l-lactide based composites. <i>Journal of Microscopy</i> , 1999, 196, 243-248.	0.8	40
124	Synthesis of nanostructured mullite from xerogel and aerogel obtained by the non-hydrolytic sol-gel method. <i>Scripta Materialia</i> , 1999, 12, 147-150.	0.5	11
125	Modeling of nanostructural design of ultrafine mullite powder particles obtained by ultrasonic spray pyrolysis. <i>Scripta Materialia</i> , 1999, 12, 349-352.	0.5	11
126	Tailor made synthesis of Q-TiO <sub>2</sub> powder by using quantum dots as building blocks. <i>Scripta Materialia</i> , 1998, 10, 333-339.	0.5	11



#	ARTICLE	IF	CITATIONS
127	Synthesis of mullite nanostructured spherical powder by ultrasonic spray pyrolysis. Scripta Materialia, 1998, 10, 341-348.	0.5	33
128	Shock compaction of AlMgSi0.5 spheres. Journal of Materials Science, 1995, 30, 2950-2955.	1.7	0
129	Structural and morphological transformations during NiO and Ni particles generation from chloride precursor by ultrasonic spray pyrolysis. Materials Letters, 1995, 24, 369-376.	1.3	25
130	Preparation of fine spherical ZnO powders by an ultrasonic spray pyrolysis method. Materials Letters, 1994, 19, 165-170.	1.3	59
131	Nanostructured constituents of ZnO-based varistors prepared by mechanical attrition. Scripta Materialia, 1994, 4, 149-157.	0.5	9
132	Synthesis of BaTiO <sub>3</sub> and ZnO varistor precursor powders by reaction spray pyrolysis. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1993, 168, 249-252.	2.6	37
133	Synthesis of ZnO-based varistor precursor powders by means of the reaction spray process. Journal of Materials Science, 1993, 28, 5211-5217.	1.7	18
134	A novel approach to control of ZnO-based varistor microstructures at the nanometre level. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1993, 168, 253-256.	2.6	4
135	Processing of compact materials by the use of self-propagating high-temperature synthesis and pseudo-hot isostatic pressing. Materials Letters, 1992, 13, 391-395.	1.3	4
136	Electronic paramagnetic resonance (EPR) study of the structure of ZnO varistors prepared by various chemical methods. Journal of Materials Science, 1990, 25, 4324-4330.	1.7	5
137	Production of atomized metal and alloy powders by the rotating electrode process. Soviet Powder Metallurgy and Metal Ceramics (English Translation of Poroshkovaya Metallurgiya), 1990, 29, 673-683.	0.1	16
138	Crystallization kinetics and thermal stability of shock-compacted amorphous Ni <sub>78</sub> P <sub>22</sub> . Materials Letters, 1990, 9, 215-218.	1.3	1
139	Potential barrier degradation at the grain boundary of ZnO-based nonlinear resistors. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1988, 150, 175-178.	0.9	10
140	Crystallization kinetics of amorphous Ni <sub>78</sub> P <sub>22</sub> powders and hydrogen adsorption on both amorphous and crystal alloy powders. Journal of Materials Science, 1988, 23, 4076-4080.	1.7	5
141	EPR study of the influence of defect structure on electrical properties of ZnO varistors. Journal of Materials Science, 1985, 20, 1660-1670.	1.7	8
142	The structure of paramagnetic centres and the formation of defects in the B-C, B-C-Ti and B-C-Cr systems. Journal of Materials Science, 1980, 15, 1041-1048.	1.7	13
143	The influence of mangan ion valency state on formation of microstructural constituents during sintering of magnesium oxide. Metallography, 1976, 9, 293-298.	0.4	0
144	Effects of hydrogen on the dislocation structure of nickel. Soviet Powder Metallurgy and Metal Ceramics (English Translation of Poroshkovaya Metallurgiya), 1974, 13, 148-151.	0.1	0

#	ARTICLE	IF	CITATIONS
145	Grain growth during the sintering of Nb <sub>2</sub> O <sub>5</sub> . <i>Metallography</i> , 1973, 6, 171-175.	0.4	0
146	Kinetics and mechanism of sintering of sodium fluoride crystals. <i>Soviet Powder Metallurgy and Metal Ceramics (English Translation of Poroshkovaya Metallurgiya)</i> , 1972, 11, 1021-1027.	0.1	0