

Vladimir B Pavlovic

List of Publications by Year in descending order

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192
papers

3,311
citations

159585

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44
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194
docs citations

194
times ranked

4664
citing authors

#	ARTICLE	IF	CITATIONS
1	Properties of free-standing graphene oxide/silver nanowires films and effects of chemical reduction and gamma irradiation. <i>Synthetic Metals</i> , 2022, 283, 116980.	3.9	4
2	Photoactive graphene quantum dots/bacterial cellulose hydrogels: Structural, mechanical, and pro-oxidant study. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51996.	2.6	4
3	The Structuring of Sage (<i>Salvia officinalis</i> L.) Extract-Incorporating Edible Zein-Based Materials with Antioxidant and Antibacterial Functionality by Solvent Casting versus Electrospinning. <i>Foods</i> , 2022, 11, 390.	4.3	17
4	Removal of the As(V) and Sr(VI) from the water using magnetite/3D-printed wollastonite hybrid adsorbent. <i>Science of Sintering</i> , 2022, 54, 105-124.	1.4	3
5	Physico-chemical and mechanical properties of geopolymer/zircon composites. <i>Science of Sintering</i> , 2022, 54, 11-24.	1.4	1
6	Brushite-Metakaolin Composite Geopolymer Material as an Effective Adsorbent for Lead Removal from Aqueous Solutions. <i>Sustainability</i> , 2022, 14, 4003.	3.2	2
7	Structural Characterization of Nanocellulose/Fe ₃ O ₄ Hybrid Nanomaterials. <i>Polymers</i> , 2022, 14, 1819.	4.5	7
8	Hydroxyapatite/TiO ₂ Nanomaterial with Defined Microstructural and Good Antimicrobial Properties. <i>Antibiotics</i> , 2022, 11, 592.	3.7	8
9	Hybrid amino-terminated lignin microspheres loaded with magnetite and manganese oxide nanoparticles: An effective hazardous oxyanions adsorbent. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108009.	6.7	6
10	Enzyme immobilization using two processing methods onto silica core-shell particles. <i>Boletín De La Sociedad Española De Cerámica Y Vidrio</i> , 2021, 60, 243-254.	1.9	8
11	Polymer-Ceramic Nanocomposites and Converging Technologies. , 2021, , 134-144.		3
12	Encapsulation of peach waste extract in <i>Saccharomyces cerevisiae</i> cells. <i>Journal of the Serbian Chemical Society</i> , 2021, 86, 367-380.	0.8	5
13	Design of halloysite modification for improvement of mechanical properties of the epoxy based nanocomposites. <i>Polymer Composites</i> , 2021, 42, 2180-2192.	4.6	15
14	Photoactive and antioxidant nanochitosan dots/biocellulose hydrogels for wound healing treatment. <i>Materials Science and Engineering C</i> , 2021, 122, 111925.	7.3	26
15	PVDF-HFP/NKBT composite dielectrics: Perovskite particles induce the appearance of an additional dielectric relaxation process in ferroelectric polymer matrix. <i>Polymer Testing</i> , 2021, 96, 107093.	4.8	15
16	High Heat Treatment of Goat Cheese Milk. The Effect on Sensory Profile, Consumer Acceptance and Microstructure of Cheese. <i>Foods</i> , 2021, 10, 1116.	4.3	4
17	Freeze vs. Spray Drying for Dry Wild Thyme (<i>Thymus serpyllum</i> L.) Extract Formulations: The Impact of Gelatin as a Coating Material. <i>Molecules</i> , 2021, 26, 3933.	3.8	21
18	Optimization of the synthesis parameters of nanocomposites based on bacterial nanocellulose/Fe ₃ O ₄ . <i>Tehnika</i> , 2021, 76, 273-278.	0.2	0

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19	High-performance laminate material based on polyurethane and epoxide reinforced by silica particles from rice husk used for intelligent pedestrian crossings. Iranian Polymer Journal (English Edition), 2021, 30, 319-330.	2.4	9
20	SINTEZA I STRUKTURA BAKTERIJSKE CELLULOZE PRIMENOM BAKTERIJA SIRÄĀĀETNOG VRENJA. , 2021, , .		1
21	Evaluation of adsorption performance and quantum chemical modeling of pesticides removal using Cell-MG hybrid adsorbent. Science of Sintering, 2021, 53, 355-378.	1.4	4
22	Novel magnetic polymer/bentonite composite: Characterization and application for Re(VII) and W(VI) adsorption. Science of Sintering, 2021, 53, 419-428.	1.4	2
23	Potential Usage of Hybrid Polymers Binders Based on Fly Ash with the Addition of PVA with Satisfying Mechanical and Radiological Properties. Gels, 2021, 7, 270.	4.5	3
24	Enhanced accessibility of active sites in hierarchical ZSM-5 zeolite for removal of pharmaceutically active substances: Adsorption and microcalorimetric study. Arabian Journal of Chemistry, 2020, 13, 1945-1954.	4.9	16
25	Formation kinetics and cation inversion in mechanically activated MgAl ₂ O ₄ spinel ceramics. Journal of Thermal Analysis and Calorimetry, 2020, 140, 95-107.	3.6	7
26	Graphene quantum dots as singlet oxygen producer or radical quencher - The matter of functionalization with urea/thiourea. Materials Science and Engineering C, 2020, 109, 110539.	7.3	42
27	Highly Efficient Antioxidant F- and Cl-Doped Carbon Quantum Dots for Bioimaging. ACS Sustainable Chemistry and Engineering, 2020, 8, 16327-16338.	6.7	71
28	Rheology and Microstructures of Rennet Gels from Differently Heated Goat Milk. Foods, 2020, 9, 283.	4.3	13
29	Altered organization of collagen fibers in the uninvolved human colon mucosa 10â€%cm and 20â€%cm away from the malignant tumor. Scientific Reports, 2020, 10, 6359.	3.3	24
30	Study of nanosized hydroxyapatite material annealing at different retention times. Science of Sintering, 2020, 52, 405-413.	1.4	3
31	One-pot combustion synthesis of nickel oxide and hematite: From simple coordination compounds to high purity metal oxide nanoparticles. Science of Sintering, 2020, 52, 481-490.	1.4	8
32	TiO ₂ based nanomaterials and nanostructures for green convergent technologies and environmental protection. Materials Protection, 2020, 61, 346-355.	0.9	0
33	Nanocrystalline Zn ₂ SnO ₄ /SnO ₂ : Crystal structure and humidity influence on complex impedence. Journal of Electroceramics, 2020, 45, 135-147.	2.0	3
34	Effects of mechanical activation on the formation and sintering kinetics of barium strontium titanate ceramics. Science of Sintering, 2020, 52, 371-385.	1.4	6
35	Structure and enhanced antimicrobial activity of mechanically activated nano TiO ₂ . Journal of the American Ceramic Society, 2019, 102, 7735-7745.	3.8	10
36	Graphene oxide size and structure pro-oxidant and antioxidant activity and photoinduced cytotoxicity relation on three cancer cell lines. Journal of Photochemistry and Photobiology B: Biology, 2019, 200, 111647.	3.8	39

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37	Influence of different concentrations of Zn-carbonate phase on physical-chemical properties of antimicrobial agar composite films. <i>Materials Letters</i> , 2019, 255, 126572.	2.6	4
38	Tailoring the physico-chemical and antimicrobial properties of agar-based films by in situ formation of Cu-mineral phase. <i>European Polymer Journal</i> , 2019, 119, 352-358.	5.4	7
39	Production of bacterial nanocellulose (BNC) and its application as a solid support in transition metal catalysed cross-coupling reactions. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 351-360.	7.5	33
40	Characterisation of peppermint (<i>Mentha piperita</i> L.) essential oil encapsulates. <i>Journal of Microencapsulation</i> , 2019, 36, 109-119.	2.8	41
41	Controllable synthesis of Fe ₃ O ₄ -wollastonite adsorbents for efficient heavy metal ions/oxyanions removal. <i>Environmental Science and Pollution Research</i> , 2019, 26, 12379-12398.	5.3	10
42	Polyamidoamine as a clay modifier and curing agent in preparation of epoxy nanocomposites. <i>Progress in Organic Coatings</i> , 2019, 131, 311-321.	3.9	16
43	Synthesis and characterization of BaTiO ₃ /Fe ₂ O ₃ core/shell structure. <i>Journal of Advanced Ceramics</i> , 2019, 8, 133-147.	17.4	10
44	Effects of mechanical-activation and TiO ₂ addition on the behavior of two-step sintered steatite ceramics. <i>Ceramics International</i> , 2019, 45, 3013-3022.	4.8	1
45	Processing and properties of dense cordierite ceramics obtained through solid-state reaction and pressure-less sintering. <i>Advances in Applied Ceramics</i> , 2019, 118, 241-248.	1.1	10
46	Kinetics of thermally activated processes in cordierite-based ceramics. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 2989-2998.	3.6	7
47	Arsenic removal by magnetite-loaded amino modified nano/microcellulose adsorbents: Effect of functionalization and media size. <i>Arabian Journal of Chemistry</i> , 2019, 12, 4675-4693.	4.9	64
48	Modification of graphene oxide surfaces with 12-molybdophosphoric acid: Structural and antibacterial study. <i>Materials Chemistry and Physics</i> , 2018, 213, 157-167.	4.0	14
49	Enhancement of nano titanium dioxide coatings by fullerene and polyhydroxy fullerene in the photocatalytic degradation of the herbicide mesotrione. <i>Chemosphere</i> , 2018, 196, 145-152.	8.2	23
50	Influence of mechanical activation on functional properties of barium hexaferrite ceramics. <i>Ceramics International</i> , 2018, 44, 6666-6672.	4.8	9
51	Dispersion efficiency of montmorillonites in epoxy nanocomposites using solution intercalation and direct mixing methods. <i>Applied Clay Science</i> , 2018, 154, 52-63.	5.2	17
52	Hepatoprotective effect of fullerene/doxorubicin nanocomposite in acute treatment of healthy rats. <i>Experimental and Molecular Pathology</i> , 2018, 104, 199-211.	2.1	15
53	A high-sensitive current-mode pressure/force detector based on piezoelectric polymer PVDF. <i>Sensors and Actuators A: Physical</i> , 2018, 276, 165-175.	4.1	22
54	Bimetallic alginate nanocomposites: New antimicrobial biomaterials for biomedical application. <i>Materials Letters</i> , 2018, 212, 32-36.	2.6	17

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55	Customizing the spent coffee for <i>Trichoderma reesei</i> cellulase immobilization by modification with activating agents. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 1856-1863.	7.5	8
56	Humidity sensing properties of nanocrystalline pseudobrookite (Fe ₂ TiO ₅) based thick films. <i>Sensors and Actuators B: Chemical</i> , 2018, 277, 654-664.	7.8	39
57	Photo-induced antibacterial activity of four graphene based nanomaterials on a wide range of bacteria. <i>RSC Advances</i> , 2018, 8, 31337-31347.	3.6	69
58	Cross-Linkable Modified Nanocellulose/Polyester Resin-Based Composites: Effect of Unsaturated Fatty Acid Nanocellulose Modification on Material Performances. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1700648.	3.6	15
59	DUV fluorescence bioimaging study of the interaction of partially reduced graphene oxide and liver cancer cells. <i>2D Materials</i> , 2018, 5, 045019.	4.4	3
60	Structural and electrical properties of ferroelectric poly(vinylidene fluoride) and mechanically activated ZnO nanoparticle composite films. <i>Physica Scripta</i> , 2018, 93, 105801.	2.5	25
61	Simple route for the preparation of graphene/poly(styrene- <i>b</i> -butadiene- <i>b</i> -styrene) nanocomposite films with enhanced electrical conductivity and hydrophobicity. <i>Polymer International</i> , 2018, 67, 1118-1127.	3.1	4
62	Effect of chemical composition on microstructural properties and sintering kinetics of (Ba,Sr)TiO ₃ powders. <i>Science of Sintering</i> , 2018, 50, 29-38.	1.4	2
63	Structure and photocatalytic properties of sintered TiO ₂ nanotube arrays. <i>Science of Sintering</i> , 2018, 50, 39-50.	1.4	8
64	Microstructure and phase composition of steatite ceramics sintered by traditional and spark plasma sintering. <i>Science of Sintering</i> , 2018, 50, 299-312.	1.4	5
65	Physical properties of sintered alumina doped with different oxides. <i>Science of Sintering</i> , 2018, 50, 409-419.	1.4	10
66	Effect of the vinyl modification of multi-walled carbon nanotubes on the performances of waste poly(ethylene terephthalate)-based nanocomposites. <i>Journal of Composite Materials</i> , 2017, 51, 491-505.	2.4	12
67	Structural properties of the multiwall carbon nanotubes/poly(methyl methacrylate) nanocomposites: Effect of the multiwall carbon nanotubes covalent functionalization. <i>Polymer Composites</i> , 2017, 38, E472.	4.6	10
68	Structure analysis of geopolymers synthesized from clay originated from Serbia. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	19
69	The impedance analysis of sintered MgTiO ₃ ceramics. <i>Journal of Alloys and Compounds</i> , 2017, 701, 107-115.	5.5	9
70	Novel modified nanocellulose applicable as reinforcement in high-performance nanocomposites. <i>Carbohydrate Polymers</i> , 2017, 164, 64-74.	10.2	32
71	Synthesis and antimicrobial properties of Zn-mineralized alginate nanocomposites. <i>Carbohydrate Polymers</i> , 2017, 165, 313-321.	10.2	41
72	Selective Al-Ti reactivity in laser-processed Al/Ti multilayers. <i>Materials and Manufacturing Processes</i> , 2017, 32, 1622-1627.	4.7	2

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73	Structural and chemical properties of thermally treated geopolymer samples. <i>Ceramics International</i> , 2017, 43, 6700-6708.	4.8	109
74	Selective magnetic GMA based potential sorbents for molybdenum and rhenium sorption. <i>Journal of Alloys and Compounds</i> , 2017, 705, 38-50.	5.5	28
75	Antibacterial potential of electrochemically exfoliated graphene sheets. <i>Journal of Colloid and Interface Science</i> , 2017, 500, 30-43.	9.4	31
76	Influence of different pore-forming agents on wollastonite microstructures and adsorption capacities. <i>Ceramics International</i> , 2017, 43, 7461-7468.	4.8	21
77	Improvement of mechanical properties and antibacterial activity of crosslinked electrospun chitosan/poly (ethylene oxide) nanofibers. <i>Composites Part B: Engineering</i> , 2017, 121, 58-67.	12.0	49
78	Montmorillonite/poly(urethane-siloxane) nanocomposites: Morphological, thermal, mechanical and surface properties. <i>Applied Clay Science</i> , 2017, 149, 136-146.	5.2	34
79	Effects of different carrier materials on physicochemical properties of microencapsulated grape skin extract. <i>Journal of Food Science and Technology</i> , 2017, 54, 3411-3420.	2.8	43
80	Microencapsulation of anthocyanin-rich black soybean coat extract by spray drying using maltodextrin, gum Arabic and skimmed milk powder. <i>Journal of Microencapsulation</i> , 2017, 34, 475-487.	2.8	36
81	Ambient light induced antibacterial action of curcumin/graphene nanomesh hybrids. <i>RSC Advances</i> , 2017, 7, 36081-36092.	3.6	31
82	Influence of different bonding and fluxing agents on the sintering behavior and dielectric properties of steatite ceramic materials. <i>Ceramics International</i> , 2017, 43, 13264-13275.	4.8	10
83	Mineralized agar-based nanocomposite films: Potential food packaging materials with antimicrobial properties. <i>Carbohydrate Polymers</i> , 2017, 175, 55-62.	10.2	59
84	Fatty acids of maize pollen "Quantification, nutritional and morphological evaluation. <i>Journal of Cereal Science</i> , 2017, 77, 180-185.	3.7	25
85	Optimization of bentonite clay mechano-chemical activation using artificial neural network modeling. <i>Ceramics International</i> , 2017, 43, 2549-2562.	4.8	14
86	The influence of mechanical activation on structural evolution of nanocrystalline SrTiO ₃ powders. <i>Journal of Alloys and Compounds</i> , 2017, 695, 863-870.	5.5	24
87	Dielectric properties, complex impedance and electrical conductivity of Fe ₂ TiO ₅ nanopowder compacts and bulk samples at elevated temperatures. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 4796-4806.	2.2	19
88	Sintering of fly ash based composites with zeolite and bentonite addition for application in construction materials. <i>Science of Sintering</i> , 2017, 49, 23-37.	1.4	5
89	Formation of porous wollastonite-based ceramics after sintering with yeast as the pore-forming agent. <i>Science of Sintering</i> , 2017, 49, 235-246.	1.4	4
90	Characterisation of Mn _{0.63} Zn _{0.37} Fe ₂ O ₄ powders after intensive milling and subsequent thermal treatment. <i>Science of Sintering</i> , 2017, 49, 455-467.	1.4	2

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91	Electrical properties of magnesium titanate ceramics post-sintered by hot isostatic pressing. <i>Science of Sintering</i> , 2017, 49, 373-380.	1.4	0
92	Characterization of FeCoV alloy processed by PIM/MIM route. <i>Science of Sintering</i> , 2017, 49, 299-309.	1.4	0
93	Gelatin as a carrier system for delivery of polyphenols compounds. <i>Tehnika</i> , 2017, 72, 633-639.	0.2	0
94	Adsorption of Organophosphate Pesticide Dimethoate on Gold Nanospheres and Nanorods. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-11.	2.7	43
95	The Antibacterial Activity of <i>Coriolus versicolor</i> Methanol Extract and Its Effect on Ultrastructural Changes of <i>Staphylococcus aureus</i> and <i>Salmonella Enteritidis</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 1226.	3.5	66
96	Zirconium dioxide nanopowders with incorporated Si ⁴⁺ ions as efficient photocatalyst for degradation of trichlorophenol using simulated solar light. <i>Applied Catalysis B: Environmental</i> , 2016, 195, 112-120.	20.2	43
97	Optical properties of spherical quantum dot with on-center hydrogen impurity in magnetic field. <i>Optical and Quantum Electronics</i> , 2016, 48, 1.	3.3	9
98	The influence of mechanical activation on the morphological changes of Fe/BaTiO ₃ powder. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2016, 212, 89-95.	3.5	3
99	Synthesis and characterization of a new type of levan-graft-polystyrene copolymer. <i>Carbohydrate Polymers</i> , 2016, 154, 20-29.	10.2	19
100	SYNTHESIS AND CHARACTERIZATION OF ELECTROCHEMICALLY EXFOLIATED GRAPHENE-MOLYBDOPHOSPHATE HYBRID MATERIALS FOR CHARGE STORAGE DEVICES. <i>Electrochimica Acta</i> , 2016, 217, 34-46.	5.2	4
101	Effects of mechanical activation and two-step sintering on the structure and electrical properties of cordierite-based ceramics. <i>Ceramics International</i> , 2016, 42, 13909-13918.	4.8	30
102	Effect of consolidation parameters on structural, microstructural and electrical properties of magnesium titanate ceramics. <i>Ceramics International</i> , 2016, 42, 9887-9898.	4.8	16
103	Reaction kinetics of mechanically activated cordierite-based ceramics studied via DTA. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 124, 667-673.	3.6	7
104	Raman spectroscopy study of graphene thin films synthesized from solid precursor. <i>Optical and Quantum Electronics</i> , 2016, 48, 1.	3.3	6
105	Advances in batch culture fermented <i>Coriolus versicolor</i> medicinal mushroom for the production of antibacterial compounds. <i>Innovative Food Science and Emerging Technologies</i> , 2016, 34, 1-8.	5.6	27
106	CdS quantum dots sensitized TiO ₂ nanotubes by matrix assisted pulsed laser evaporation method. <i>Ceramics International</i> , 2016, 42, 9011-9017.	4.8	9
107	Functionalization of zinc ferrite nanoparticles: Influence of modification procedure on colloidal stability. <i>Processing and Application of Ceramics</i> , 2016, 10, 287-293.	0.8	20
108	Microstructural and electrical properties of cordierite-based ceramics obtained after two-step sintering technique. <i>Science of Sintering</i> , 2016, 48, 157-165.	1.4	9

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109	High performances unsaturated polyester based nanocomposites: Effect of vinyl modified nanosilica on mechanical properties. EXPRESS Polymer Letters, 2016, 10, 139-159.	2.1	49
110	Influence of mechanical activation on MgO-Al ₂ O ₃ -SiO ₂ system in the presence of TeO ₂ additive. Tehnika, 2016, 71, 797-802.	0.2	1
111	Novel Utilization of Fly Ash for High Temperature Mortars: Phase Composition, Microstructure and Performances Correlation. International Journal of Applied Ceramic Technology, 2015, 12, 133-146.	2.1	17
112	Thermally induced crystallization of amorphous Fe ₄₀ Ni ₄₀ P ₁₄ B ₆ alloy. Thermochemica Acta, 2015, 614, 129-136.	2.7	12
113	Structural investigation of mechanically activated ZnO powder. Journal of Alloys and Compounds, 2015, 648, 971-979.	5.5	11
114	Protein-reinforced and chitosan-pectin coated alginate microparticles for delivery of flavan-3-ol antioxidants and caffeine from green tea extract. Food Hydrocolloids, 2015, 51, 361-374.	10.7	68
115	Investigation of thermally induced processes in corundum refractory concretes with addition of fly ash. Journal of Thermal Analysis and Calorimetry, 2015, 119, 1339-1352.	3.6	7
116	The effect of annealing temperature and time on synthesis of graphene thin films by rapid thermal annealing. Synthetic Metals, 2015, 209, 461-467.	3.9	21
117	Modification of Structural and Luminescence Properties of Graphene Quantum Dots by Gamma Irradiation and Their Application in a Photodynamic Therapy. ACS Applied Materials & Interfaces, 2015, 7, 25865-25874.	8.0	94
118	Biological potential of extracts of the wild edible Basidiomycete mushroom Grifola frondosa. Food Research International, 2015, 67, 272-283.	6.2	68
119	Characterization of sodium alginate/d-limonene emulsions and respective calcium alginate/d-limonene beads produced by electrostatic extrusion. Food Hydrocolloids, 2015, 45, 111-123.	10.7	59
120	Depth distribution of available micronutrients in cultivated soil. Journal of Agricultural Sciences (Belgrade), 2015, 60, 177-187.	0.3	5
121	The influence of compaction pressure on the density and electrical properties of cordierite-based ceramics. Science of Sintering, 2015, 47, 15-22.	1.4	5
122	Monolayer graphene films through nickel catalyzed transformation of fullerol and graphene quantum dots: a Raman spectroscopy study. Physica Scripta, 2014, T162, 014030.	2.5	8
123	Tuning the acidity of niobia: Characterization and catalytic activity of Nb ₂ O ₅ -MeO ₂ (Me=Ti, Zr, Ce) mesoporous mixed oxides. Materials Chemistry and Physics, 2014, 146, 337-345.	4.0	37
124	Raman Responses in Mechanically Activated BaTiO ₃ . Journal of the American Ceramic Society, 2014, 97, 601-608.	3.8	19
125	Thermal, morphological, and mechanical properties of ethyl vanillin immobilized in polyvinyl alcohol by electrospinning process. Journal of Thermal Analysis and Calorimetry, 2014, 118, 661-668.	3.6	23
126	Ferroelectric nanocomposites of polyvinylidene fluoride/polymethyl methacrylate blend and BaTiO ₃ particles: Fabrication of β -crystal polymorph rich matrix through mechanical activation of the filler. Journal of Applied Physics, 2014, 115, .	2.5	48

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127	Microstructure and Dielectric Properties of Rare-Earth Doped BaTiO ₃ Ceramics. <i>Ferroelectrics</i> , 2014, 470, 159-167.	0.6	8
128	Preparation of PEDOT:PSS thin films doped with graphene and graphene quantum dots. <i>Synthetic Metals</i> , 2014, 198, 150-154.	3.9	27
129	The influence of mechanical activation on the electrical properties of Ba _{0.77} Sr _{0.23} TiO ₃ ceramics. <i>Ceramics International</i> , 2014, 40, 11883-11888.	4.8	5
130	Fractal corrections of BaTiO ₃ -ceramic sintering parameters. <i>Science of Sintering</i> , 2014, 46, 149-156.	1.4	7
131	Advantages of combined sintering compared to conventional sintering of mechanically activated magnesium titanate. <i>Science of Sintering</i> , 2014, 46, 283-290.	1.4	5
132	Synthesis of magnesium titanates by mechanochemical method. <i>Tehnika</i> , 2014, 69, 727-731.	0.2	0
133	Cesium removal from aqueous solution by natural mineral clinoptilolite. <i>Nuclear Technology and Radiation Protection</i> , 2014, 29, 135-141.	0.8	0
134	Butterfly scales as bionic templates for complex ordered nanophotonic materials: A pathway to biomimetic plasmonics. <i>Optical Materials</i> , 2013, 35, 1869-1875.	3.6	6
135	Structural characterization and electrical properties of sintered magnesium titanate ceramics. <i>Journal of Alloys and Compounds</i> , 2013, 555, 39-44.	5.5	9
136	Facile synthesis of poly(ϵ -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.	12.0	15
137	Depth Distribution of ¹³⁷ Cs in Anthrosol from the Experimental Field "Radmilovac" Near Belgrade, Serbia. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2013, 64, 425-430.	0.7	7
138	Structural properties of composites of polyvinylidene fluoride and mechanically activated BaTiO ₃ particles. <i>Physica Scripta</i> , 2013, T157, 014006.	2.5	31
139	Electronic ceramic structure within the Voronoi cells model and microstructure fractals contacts surfaces new frontier applications. <i>Science of Sintering</i> , 2013, 45, 223-232.	1.4	10
140	Physico-chemical soil analysis of Rudovci region. <i>Geonauka</i> , 2013, 01, 1-8.	0.1	4
141	Intergranular area microalloyed aluminium-silicate ceramics fractal analysis. <i>Science of Sintering</i> , 2013, 45, 117-126.	1.4	4
142	Influence of prolonged sintering time on density and electrical properties of isothermally sintered cordierite-based ceramics. <i>Science of Sintering</i> , 2013, 45, 157-164.	1.4	8
143	Structural and electrical properties of Ti doped ϵ -Fe ₂ O ₃ . <i>Science of Sintering</i> , 2013, 45, 281-292.	1.4	14
144	Investigation of sintering kinetics of magnesium titanate. <i>Science of Sintering</i> , 2013, 45, 133-139.	1.4	0

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145	ZnTiO ₃ ceramic nanopowder microstructure changes during compaction. Science of Sintering, 2013, 45, 209-221.	1.4	2
146	Study of dielectric behavior and electrical properties of hematite \pm -Fe ₂ O ₃ doped with Zn. Science of Sintering, 2012, 44, 307-321.	1.4	30
147	Processing parameter influence on BaTiO ₃ ceramic fractal microstructure and dielectric characteristics. Advances in Applied Ceramics, 2012, 111, 360-366.	1.1	7
148	Dehydration investigations of a refractory concrete using DTA method. Journal of Thermal Analysis and Calorimetry, 2012, 110, 37-41.	3.6	7
149	Comparison of structural properties of pristine and gamma irradiated single-wall carbon nanotubes: Effects of medium and irradiation dose. Materials Characterization, 2012, 72, 37-45.	4.4	30
150	Preparation of highly conductive carbon cryogel based on pristine graphene. Synthetic Metals, 2012, 162, 743-747.	3.9	26
151	Microstructural properties of electrochemically prepared Ni-Fe-W powders. Materials Chemistry and Physics, 2012, 135, 212-219.	4.0	14
152	Vertical distribution of natural radionuclides in soil: Assessment of external exposure of population in cultivated and undisturbed areas. Science of the Total Environment, 2012, 429, 309-316.	8.0	19
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