Bojan A Marinkovic

List of Publications by Year
in descending order

71	1,648	304743 22	302126 39
papers	citations	h-index	g-index

72	72	72	1693
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	TiO2-Acetylacetone as an Efficient Source of Superoxide Radicals under Reduced Power Visible Light: Photocatalytic Degradation of Chlorophenol and Tetracycline. Catalysts, 2022, 12, 116.	3.5	7
2	One-Step Synthesis of Iron and Titanium-Based Compounds Using Black Mineral Sands and Oxalic Acid under Subcritical Water Conditions. Minerals (Basel, Switzerland), 2022, 12, 306.	2.0	3
3	Effects of Fused Silica Addition on Thermal Expansion, Density, and Hardness of Alumix-231 Based Composites. Materials, 2022, 15, 3476.	2.9	1
4	Thermal properties of single crystals of the low-positive thermal expansion material Al2W3O12. Solid State Communications, 2022, 353, 114873.	1.9	4
5	Hygroscopicity, phase transition and thermal expansion in Yb2-Ga W3O12 system. Journal of Alloys and Compounds, 2021, 854, 156643.	5.5	4
6	Phase Transition and Coefficients of Thermal Expansion in Al2â^'xInxW3O12 (0.2 â‰¤ x â‰¤ 1). Materials, 2021, 14, 4021.	2.9	3
7	Zero thermal expansion in ZrMg1-xZnxMo3O12. Ceramics International, 2021, 47, 26567-26571.	4.8	2
8	Natural Aging of Ethylene-Propylene-Diene Rubber under Actual Operation Conditions of Electrical Submersible Pump Cables. Materials, 2021, 14, 5520.	2.9	5
9	Negative and Near-Zero Thermal Expansion in A2M3O12 and Related Ceramic Families: A Review. Frontiers in Materials, 2021, 8, .	2.4	18
10	Towards Iron-Titanium Oxide Nanostructures from Ecuadorian Black Mineral Sands. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.0	8
11	Microstructural and Optical Properties of MgAl2O4 Spinel: Effects of Mechanical Activation, Y2O3 and Graphene Additions. Materials, 2021, 14, 7674.	2.9	2
12	Effects of different polymers and solvents on crystallization of the $$hbox {NaYF}_{4}$$:Yb/Er phase. Bulletin of Materials Science, 2020, 43, 1.	1.7	4
13	Solubility limit of Zn2+ in low thermal expansion ZrMgMo3O12 and its influence on phase transition temperature. Ceramics International, 2020, 46, 3979-3983.	4.8	9
14	Data on phase and chemical compositions of black sands from â€œEl Ostionalâ€•beach situated in Mompiche, Ecuador. Data in Brief, 2020, 32, 106214.	1.0	8
15	The Influence of Calcination Temperature on Photocatalytic Activity of TiO2-Acetylacetone Charge Transfer Complex towards Degradation of NOx under Visible Light. Catalysts, 2020, 10, 1463.	3.5	13
16	Mechanical properties of amine-cured epoxy composites reinforced with pristine protonated titanate nanotubes. Journal of Materials Research and Technology, 2020, 9, 15771-15778.	5.8	7
17	Relationship between sintering methods and physical properties of the low positive thermal expansion material Al₂W₃O₁₂. International Journal of Applied Ceramic Technology, 2019, 16, 346-356.	2.1	10
18	Data supporting micromechanical models for the estimation of Young's modulus and coefficient of thermal expansion of titanate nanotube/Y2W3O12/HDPE ternary composites. Data in Brief, 2019, 25, 104247.	1.0	1

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19	Co-precipitation of low-agglomerated Y2W3O12 nanoparticles: The effects of aging time, calcination temperature and surfactant addition. Ceramics International, 2019, 45, 20189-20196.	4.8	12
20	Evaluating Al2-xGaxW3O12 system for thermal shock resistance. Journal of Solid State Chemistry, 2019, 277, 149-158.	2.9	5
21	Negative thermal expansion and cationic migration in zeolite Y used in FCC catalysts. Bulletin of Materials Science, 2019, 42, 1.	1.7	5
22	The effect of titanate nanotube/Y2W3O12 hybrid fillers on mechanical and thermal properties of HDPE-based composites. Materials Today Communications, 2019, 18, 124-135.	1.9	9
23	Effects of low contents of A₂M₃O₁₂ submicronic thermomioticâ€like fillers on thermal expansion and mechanical properties of HDPEâ€based composites. Polymer Composites, 2018, 39, E1821.	4.6	11
24	TiO₂ anatase nanorods with non-equilibrium crystallographic {001} facets and their coatings exhibiting high photo-oxidation of NO gas. Environmental Technology (United Kingdom), 2018, 39, 231-239.	2.2	4
25	One-step synthesis of amino-functionalized up-converting NaYF₄:Yb,Er nanoparticles forin vitrocell imaging. RSC Advances, 2018, 8, 27429-27437.	3.6	8
26	Visible light sensitive mesoporous nanohybrids of lepidocrocite-like ferrititanate coupled to a charge transfer complex: Synthesis, characterization and photocatalytic degradation of NO. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 365, 133-144.	3.9	10
27	Co-precipitation synthesis of Y 2 W 3 O 12 submicronic powder. Ceramics International, 2017, 43, 4222-4228.	4.8	14
28	Thermally induced phase transformations of lepidocrocite-like ferrititanate nanosheets synthesized from a low cost precursor by hydrothermal method. Materials Chemistry and Physics, 2017, 197, 138-144.	4.0	4
29	Compositional and structural dependence of up-converting rare earth fluorides obtained through EDTA assisted hydro/solvothermal synthesis. Advanced Powder Technology, 2017, 28, 73-82.	4.1	17
30	Assessment of the Thermal Shock Resistance Figures of Merit of Al₂W₃O₁₂, a Low Thermal Expansion Ceramic. Journal of the American Ceramic Society, 2016, 99, 1742-1748.	3.8	17
31	Prototyping of meso- and microfluidic devices with embedded TiO₂photocatalyst for photodegradation of an organic dye. Journal of Flow Chemistry, 2016, 6, 101-109.	1.9	10
32	Near-zero thermal expansion and phase transition in In_{0.5}(ZrMg)_{0.75}Mo₃O₁₂. Journal of Materials Research, 2016, 31, 3240-3248.	2.6	10
33	Application of silane grafted titanate nanotubes in reinforcing of polyamide 11 composites. Composites Part B: Engineering, 2016, 93, 153-162.	12.0	16
34	Pressure-induced structural transformations in In_{2-x} Y_x (MoO₄) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.5	3
35	Thermal Expansion Reduction in Aluminaâ€Toughened Zirconia by Incorporation of Zirconium Tungstate and Aluminum Tungstate. Journal of the American Ceramic Society, 2015, 98, 2858-2865.	3.8	20
36	Lepidocrocite-like ferrititanate nanosheets and their full exfoliation with quaternary ammonium compounds. Materials and Design, 2015, 85, 197-204.	7.0	4

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37	Thermal and mechanical properties of polyamide 11 based composites reinforced with surface modified titanate nanotubes. Materials and Design, 2015, 83, 459-467.	7.0	32
38	Zero Thermal Expansion in ZrMgMo₃O₁₂: NMR Crystallography Reveals Origins of Thermoelastic Properties. Chemistry of Materials, 2015, 27, 2633-2646.	6.7	90
39	PROTOTYPING OF PHOTOCATALYTIC MICROREACTOR AND TESTING OF PHOTODEGRADATION OF ORGANIC DYE. Quimica Nova, 2015, , .	0.3	3
40	Al2Mo3O12/polyethylene composites with reduced coefficient of thermal expansion. Journal of Materials Science, 2014, 49, 7870-7882.	3.7	26
41	Thermal, vibrational, and thermoelastic properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Y</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Mo</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">O</mml:m	3.2	34
42	The effects of the chemical composition of titanate nanotubes and solvent type on 3-aminopropyltriethoxysilane grafting efficiency. Applied Surface Science, 2014, 301, 315-322.	6.1	40
43	ConsolidaÃ§Ã£o, sinterizaÃ§Ã£o e propriedades tÃ©rmicas e mecÃ¢nicas da ï¡alfa-Al2O3. Cadernos UniFOA, 2014, 9, 31.	0.1	0
44	The effect of microstructure on thermal expansion coefficients in powder-processed Al2Mo3O12. Journal of Materials Science, 2013, 48, 2986-2996.	3.7	32
45	Hydrothermal synthesis of nanostructured Y2O3 and (Y0.75Gd0.25)2O3 based phosphors. Optical Materials, 2013, 35, 1817-1823.	3.6	24
46	Nearâ€Zero Thermal Expansion in <scp><scp>In</scp></scp>(<scp><scp>HfMg</scp></scp>)_{0.5}<scp><scp>Mo</scp></scp>₃<scp><scp>O</scp> Journal of the American Ceramic Society, 2013, 96, 561-566.	3.8	43
47	Thermal Expansion Behaviour of Magnesium Boron Fibrous Composites. International Journal of Vehicle Structures and Systems, 2012, 4, .	0.2	0
48	Low-temperature investigations of the open-framework material HfMgMo3O12. Solid State Communications, 2012, 152, 1748-1752.	1.9	32
49	The effect of anatase crystal morphology on the photocatalytic conversion of NO by TiO2-based nanomaterials. Open Chemistry, 2012, 10, 1183-1198.	1.9	7
50	Studies on Fe-modified nanostructured trititanates. Materials Chemistry and Physics, 2011, 126, 118-127.	4.0	23
51	Naxâ^'yHyTi2â^'xFexO4Â·nH2O nanosheets with lepidocrocite-like layered structure synthesized by hydrothermal treatment of ilmenite sand. Open Chemistry, 2011, 9, 415-421.	1.9	8
52	Rapid synthesis of the low thermal expansion phase of Al2Mo3O12 via a solâ€"gel method using polyvinyl alcohol. Journal of Sol-Gel Science and Technology, 2011, 58, 121-125.	2.4	29
53	Soft chemistry routes for synthesis of rare earth oxide nanoparticles with well defined morphological and structural characteristics. Journal of Nanoparticle Research, 2011, 13, 5887-5897.	1.9	10
54	Structural resistance of chemically modified 1-D nanostructured titanates in inorganic acid environment. Materials Characterization, 2010, 61, 1009-1017.	4.4	5

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55	In2Mo3O12: A low negative thermal expansion compound. Thermochimica Acta, 2010, 499, 48-53.	2.7	56
56	Characterization and thermal stability of cobalt-modified 1-D nanostructured trititanates. Journal of Solid State Chemistry, 2009, 182, 172-181.	2.9	37
57	Characterization and hydrotreating performance of NiMo catalysts supported on nanostructured titanate. Applied Catalysis A: General, 2009, 357, 142-149.	4.3	30
58	Precursor Particle Size as the Key Parameter for Isothermal Tuning of Morphology from Nanofibers to Nanotubes in the Na_{2â^'x}H_xTi_nO_{2n+1} System through Hydrothermal Alkali Treatment of Rutile Mineral Sand. Crystal Growth and Design, 2009, 9, 2152-2158.	3.0	21
59	Correlation between AO₆ Polyhedral Distortion and Negative Thermal Expansion in Orthorhombic Y₂Mo₃O₁₂ and Related Materials. Chemistry of Materials, 2009, 21, 2886-2894.	6.7	99
60	Low positive thermal expansion in HfMgMo₃O₁₂. Physica Status Solidi (B): Basic Research, 2008, 245, 2514-2519.	1.5	43
61	Structure and properties of bifunctional catalysts based on zirconia modified by tungsten oxide obtained by polymeric precursor method. Applied Catalysis A: General, 2008, 342, 56-62.	4.3	21
62	Multistep structural transition of hydrogen trititanate nanotubes into TiO₂-B nanotubes: a comparison study between nanostructured and bulk materials. Nanotechnology, 2007, 18, 495710.	2.6	104
63	Characterization of Nanostructured Titanates Obtained by Alkali Treatment of TiO2-Anatases with Distinct Crystal Sizes. Chemistry of Materials, 2007, 19, 665-676.	6.7	153
64	HDS of thiophene over CoMo/AlMCM-41 with different Si/Al ratios. Applied Catalysis A: General, 2007, 316, 212-218.	4.3	35
65	Effects of thermal treatment of nanostructured trititanates on their crystallographic and textural properties. Materials Research Bulletin, 2007, 42, 1748-1760.	5.2	52
66	Reformation of (Bi, Pb)-2223 Superconducting Phase after Complete Peritectic Melting. Journal of Physics: Conference Series, 2006, 43, 59-62.	0.4	0
67	A study on the structure and thermal stability of titanate nanotubes as a function of sodium content. Solid State Sciences, 2006, 8, 888-900.	3.2	234
68	Textural features of highly ordered Al-MCM-41 molecular sieve studied by X-ray diffraction, nitrogen adsorption and transmission electron microscopy. Materials Letters, 2006, 60, 2682-2685.	2.6	30
69	Negative Thermal Expansion in Y2Mo3O12.. ChemInform, 2006, 37, no.	0.0	0
70	Processing of bulk Bi-2223 high-temperature superconductor. Materials Research, 2005, 8, 391-394.	1.3	7
71	Development of Î±-Al₂O₃ Ceramics for Bottom of Sintering Impeller Furnace. Materials Science Forum, 0, 881, 91-96.	0.3	0