Veljko R DjokiÄ

List of Publications by Year
in descending order

44 papers	726 citations	567281 15 h-index	552781 26 g-index
44 all docs	44 docs citations	44 times ranked	1232 citing authors

#	Article	IF	Citations
1	Effect of chemical modifications and coating with Cu-based nanoparticles on the electro-physical properties of jute fabrics in a condition of high humidity. Industrial Crops and Products, 2022, 180, 114792.	5.2	5
2	Fast Lead-Free Humidity Sensor Based on Hybrid Halide Perovskite. Crystals, 2022, 12, 547.	2.2	3
3	Tensile and Corrosion Properties of Anodized Ultrafine-Grained Tiâ€“13Nbâ€“13Zr Biomedical Alloy Obtained by High-Pressure Torsion. Metals and Materials International, 2021, 27, 3325-3341.	3.4	12
4	The effect of natural modifiers for starch hydrophobization on performance of composite based on ethylene acrylic acid copolymer. Polymer Composites, 2021, 42, 1325-1337.	4.6	5
5	Ultrasensitive 3D Aerosol-Jet-Printed Perovskite X-ray Photodetector. ACS Nano, 2021, 15, 4077-4084.	14.6	71
6	Electrokinetic and sorption properties of hydrogen peroxide treated flax fibers (Linum usitatissimum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.9	11
7	Pulverized river shellfish shells as a 904 cheap adsorbent for removing of malathion from water: Examination of the isotherms, kinetics, thermodynamics and optimization of the experimental conditions by the response surface method. Military Technical Courier, 2021, 69, 871-904.	0.7	3
8	Structurally and Surface-Modified Alumina Particles as a Reinforcement in Polyester-Based Composites with an Improved Toughness. Mechanics of Composite Materials, 2020, 56, 249-260.	1.4	3
9	The effect of polyhedral oligosilsesquioxanes (<scp>POSS</scp>) on cavitation resistance of hybrid acrylate films. Polymer Composites, 2020, 41, 3403-3410.	4.6	2
10	Highly Active Rutile TiO₂ Nanocrystalline Photocatalysts. ACS Applied Materials & Interfaces, 2020, 12, 33058-33068.	8.0	46
11	Experimental and numerical analysis of tensile properties of Ti-13Nb-13Zr alloy and determination of influence of anodization process. Procedia Structural Integrity, 2020, 28, 2187-2194.	0.8	1
12	The influence of the surface nanostructured modification on the corrosion resistance of the ultrafine-grained Tiâ€“13Nbâ€“13Zr alloy in artificial saliva. Theoretical and Applied Fracture Mechanics, 2019, 103, 102307.	4.7	15
13	Synthesis and characterization of nanocrystalline polyhedral oligo silsesquioxanes (POSS) with cross-linkable functionalities. Polyhedron, 2019, 171, 299-304.	2.2	3
14	The influence of alumina crystal structures on the morphology and surface erosion of PMMA composite materials exposed to cavitation testing. Wear, 2019, 436-437, 203033.	3.1	4
15	Silicon nanostructuring by Ag ions implantation through nanosphere lithography mask. Optical Materials, 2019, 88, 508-515.	3.6	6
16	Dry-pressed anodized titania nanotube/CH3NH3PbI3 single crystal heterojunctions: The beneficial role of N doping. Ceramics International, 2019, 45, 10013-10020.	4.8	5
17	The influence of synthesis conditions on the redox behaviour of LiFePO4 in aqueous solution. Journal of Alloys and Compounds, 2019, 776, 475-485.	5.5	8
18	The influence of short thermal treatment on structure, morphology and optical properties of Er and Pr doped ceria pigments: Comparative study. Processing and Application of Ceramics, 2019, 13, 310-321.	0.8	5

#	ARTICLE	IF	CITATIONS
19	Photocatalytic degradation of bisphenol a with Î±-Fe2O3 fibers and particles. Science of Sintering, 2019, 51, 265-276.	1.4	2
20	Enhanced absorption of TiO₂ nanotubes by N-doping and CdS quantum dots sensitization: insight into the structure. RSC Advances, 2018, 8, 35073-35082.	3.6	8
21	The corrosion resistance in artificial saliva of titanium and Ti-13Nb-13Zr alloy processed by high pressure torsion. Procedia Structural Integrity, 2018, 13, 1834-1839.	0.8	4
22	Cefazolin-loaded polycaprolactone fibers produced via different electrospinning methods: Characterization, drug release and antibacterial effect. European Journal of Pharmaceutical Sciences, 2018, 124, 26-36.	4.0	45
23	Mesoporous Silica and Organosilica Nanomaterials as UV-Blocking Agents. ACS Applied Materials & Interfaces, 2018, 10, 20231-20236.	8.0	49
24	Nanotubular oxide layers formed on the Ti-based implants surfaces-application and possible damages: a review. Metallurgical and Materials Engineering, 2018, 24, .	0.5	2
25	Formation of a large-area monolayer of polystyrene film via the spin-coating method. Nuclear Technology and Radiation Protection, 2018, 33, 246-251.	0.8	0
26	Novel modified nanocellulose applicable as reinforcement in high-performance nanocomposites. Carbohydrate Polymers, 2017, 164, 64-74.	10.2	32
27	Efficient As(V) removal by Î± -FeOOH and Î± -FeOOH/ Î± -MnO 2 embedded PEG-6-arm functionalized multiwall carbon nanotubes. Chemical Engineering Research and Design, 2017, 119, 75-86.	5.6	39
28	High Energy/Power Supercapacitor Performances of Intrinsically Ordered Ruthenium Oxide Prepared through Fast Hydrothermal Synthesis. ChemElectroChem, 2017, 4, 2535-2541.	3.4	6
29	Absorption boost of TiO2 nanotubes by doping with N and sensitization with CdS quantum dots. Ceramics International, 2017, 43, 15040-15046.	4.8	12
30	Adsorption Study of Arsenic Removal by Novel Hybrid Copper Impregnated Tufa Adsorbents in a Batch System. Clean - Soil, Air, Water, 2016, 44, 1477-1488.	1.1	10
31	Visible-light active mesoporous, nanocrystalline N,S-doped and co-doped titania photocatalysts synthesized by non-hydrolytic sol-gel route. Ceramics International, 2016, 42, 16718-16728.	4.8	35
32	Immobilization of horseradish peroxidase onto kaolin. Bioprocess and Biosystems Engineering, 2016, 39, 461-472.	3.4	29
33	Ex-situ sensitization of ordered TiO2 nanotubes with CdS quantum dots. Ceramics International, 2015, 41, 7048-7053.	4.8	8
34	Photocatalytic efficiency of titania photocatalysts in saline waters. Journal of the Serbian Chemical Society, 2014, 79, 1127-1140.	0.8	6
35	The dependence of the photocatalytic activity of TiO2/carbon nanotubes nanocomposites on the modification of the carbon nanotubes. Ceramics International, 2014, 40, 4009-4018.	4.8	38
36	Ultrasonic assisted arsenate adsorption on solvothermally synthesized calcite modified by goethite, Î±-MnO2 and goethite/Î±-MnO2. Ultrasonics Sonochemistry, 2014, 21, 790-801.	8.2	37

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37	Visible light-harvesting of TiO2 nanotubes array by pulsed laser deposited CdS. Applied Surface Science, 2014, 309, 225-230.	6.1	27
38	A study of photocatalytic degradation of textile dye CI basic yellow 28 in water using P160 TiO2 based catalyst. Journal of the Serbian Chemical Society, 2012, 77, 1747-1757.	0.8	15
39	Preparation of TiO2/carbon nanotubes photocatalysts: The influence of the method of oxidation of the carbon nanotubes on the photocatalytic activity of the nanocomposites. Ceramics International, 2012, 38, 6123-6129.	4.8	20
40	Influence of the gelation and calcination temperatures on physical parameters and photocatalytic activity of mesoporous titania powders synthesized by the nonhydrolytic solâ€“gel process. Powder Technology, 2012, 219, 239-243.	4.2	10
41	Photocatalytic activity of pulsed laser deposited TiO2 thin films in N2, O2 and CH4. Thin Solid Films, 2010, 518, 4648-4653.	1.8	31
42	Iron-Modified Sepiolite for Ni²⁺ Sorption from Aqueous Solution: An Equilibrium, Kinetic, and Thermodynamic Study. Journal of Chemical & Engineering Data, 2010, 55, 5681-5689.	1.9	41
43	Synthesis of mesoporous nanocrystalline titania powders by nonhydrolitic solâ€“gel method. Superlattices and Microstructures, 2009, 46, 217-222.	3.1	7
44	Adsorption performances of branched aminated waste polyacrylonitrile fibers: experimental versus modelling study. , 0, 171, 223-249.		5