

Maria Kaliva

List of Publications by Year in descending order

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31
papers

936
citations

394421

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31
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1101
citing authors

#	ARTICLE	IF	CITATIONS
1	Vanadium(IV)-Citrate Complex Interconversions in Aqueous Solutions. A pH-Dependent Synthetic, Structural, Spectroscopic, and Magnetic Study. <i>Inorganic Chemistry</i> , 2001, 40, 5772-5779.	4.0	131
2	Biodegradation of weathered polystyrene films in seawater microcosms. <i>Scientific Reports</i> , 2017, 7, 17991.	3.3	121
3	pH-Dependent Investigations of Vanadium(V)-Peroxo-Malate Complexes from Aqueous Solutions. In Search of Biologically Relevant Vanadium(V)-Peroxo Species. <i>Inorganic Chemistry</i> , 2001, 40, 3711-3718.	4.0	66
4	A New Dinuclear Vanadium(V)-Citrate Complex from Aqueous Solutions. Synthetic, Structural, Spectroscopic, and pH-Dependent Studies in Relevance to Aqueous Vanadium(V)-Citrate Speciation. <i>Inorganic Chemistry</i> , 2002, 41, 3850-3858.	4.0	50
5	Systematic studies on pH-dependent transformations of dinuclear vanadium(V)-citrate complexes in aqueous solutions. <i>Journal of Inorganic Biochemistry</i> , 2003, 93, 161-173.	3.5	41
6	Multiphoton 3D Printing of Biopolymer-Based Hydrogels. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 6161-6170.	5.2	39
7	Microporous Polystyrene Particles for Selective Carbon Dioxide Capture. <i>Langmuir</i> , 2012, 28, 2690-2695.	3.5	38
8	pH-Specific Synthesis of a Dinuclear Vanadium(V)-Peroxo-Citrate Complex in Aqueous Solutions: A pH-Dependent Linkage, Spectroscopic and Structural Correlations with Other Aqueous Vanadium(V)-Peroxo-Citrate and Non-Peroxo Species. <i>Inorganic Chemistry</i> , 2004, 43, 2895-2905.	4.0	36
9	Recombinant human bone morphogenetic protein 2 (rhBMP-2) immobilized on laser-fabricated 3D scaffolds enhance osteogenesis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 149, 233-242.	5.0	32
10	Interactions of vanadium(V)-citrate complexes with the sarcoplasmic reticulum calcium pump. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 2355-2361.	3.5	31
11	Aqueous V(V)-Peroxo-Amino Acid Chemistry. Synthesis, Structural and Spectroscopic Characterization of Unusual Ternary Dinuclear Tetraperoxo Vanadium(V)-Glycine Complexes. <i>Inorganic Chemistry</i> , 2009, 48, 476-487.	4.0	31
12	Reactivity Investigation of Dinuclear Vanadium(IV,V)-Citrate Complexes in Aqueous Solutions. A Closer Look into Aqueous Vanadium-Citrate Interconversions. <i>Inorganic Chemistry</i> , 2002, 41, 7015-7023.	4.0	28
13	Nanomaterials characterization. , 2020, , 401-433.		26
14	Nonlinear rheometry of entangled polymeric rings and ring-linear blends. <i>Journal of Rheology</i> , 2021, 65, 695-711.	2.6	24
15	Initiator-Free, Multiphoton Polymerization of Gelatin Methacrylamide. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1800458.	3.6	23
16	Osteogenic Potential of Pre-Osteoblastic Cells on a Chitosan-graft-Polycaprolactone Copolymer. <i>Materials</i> , 2018, 11, 490.	2.9	23
17	Immunomodulatory Potential of Chitosan-graft-poly(μ -caprolactone) Copolymers toward the Polarization of Bone-Marrow-Derived Macrophages. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 1341-1349.	5.2	22
18	Biodegradable Chitosan-graft-Poly(L-lactide) Copolymers For Bone Tissue Engineering. <i>Polymers</i> , 2020, 12, 316.	4.5	21

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19	Synthesis, isolation, spectroscopic and structural characterization of a new pH complex structural variant from the aqueous vanadium(V)-peroxo-citrate ternary system. <i>Inorganica Chimica Acta</i> , 2006, 359, 4535-4548.	2.4	20
20	Probing for missing links in the binary and ternary V(V)-citrate-(H ₂ O ₂) systems: Synthetic efforts and in vitro insulin mimetic activity studies. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 503-516.	3.5	20
21	pH-specific synthesis, isolation, spectroscopic and structural characterization of a new dimeric assembly of dinuclear vanadium(V)-citrate-peroxo species from aqueous solutions. <i>Inorganica Chimica Acta</i> , 2008, 361, 2631-2640.	2.4	18
22	Multi-photon polymerization of bio-inspired, thymol-functionalized hybrid materials with biocompatible and antimicrobial activity. <i>Polymer Chemistry</i> , 2020, 11, 4078-4083.	3.9	17
23	A Unique Dinuclear Mixed V(V) Oxo-peroxo Complex in the Structural Speciation of the Ternary V(V)-Peroxo-citrate System. Potential Mechanistic and Structural Insight into the Aqueous Synthetic Chemistry of Dinuclear V(V)-Citrate Species with H ₂ O ₂ . <i>Inorganic Chemistry</i> , 2011, 50, 11423-11436.	4.0	15
24	Synthesis, Nanomechanical Characterization and Biocompatibility of a Chitosan-Graft-Poly(μ -caprolactone) Copolymer for Soft Tissue Regeneration. <i>Materials</i> , 2019, 12, 150.	2.9	14
25	Wharton's Jelly Mesenchymal Stem Cell Response on Chitosan-graft-poly (μ -caprolactone) Copolymer for Myocardium Tissue Engineering. <i>Current Pharmaceutical Design</i> , 2014, 20, 2030-2039.	1.9	13
26	Well-defined copolymers synthesized by RAFT polymerization as effective modifiers to enhance the photocatalytic performance of TiO ₂ . <i>Applied Surface Science</i> , 2017, 399, 106-113.	6.1	11
27	Poly(2-ethyl-oxazoline) grafted gellan gum for potential application in transmucosal drug delivery. <i>Polymers for Advanced Technologies</i> , 2021, 32, 2770-2780.	3.2	10
28	Nanoporous polystyrene-porphyrin nanoparticles for selective gas separation. <i>Polymer Chemistry</i> , 2016, 7, 3026-3033.	3.9	7
29	Responsive Polyesters with Alkene and Carboxylic Acid Side-Groups for Tissue Engineering Applications. <i>Polymers</i> , 2021, 13, 1636.	4.5	7
30	Metallic Nanocatalysts Embedded within pH-Responsive Polymeric Microgels and Deposition onto Solid Substrates. <i>Macromolecular Symposia</i> , 2013, 331-332, 17-25.	0.7	1
31	Polysaccharides and Applications in Regenerative Medicine. , 2021, , 1-33.		0