Leto-Aikaterini Tziveleka

List of Publications by Year
in descending order

33 papers	1,437 citations	304368 22 h-index	454577 30 g-index
33 all docs	33 docs citations	33 times ranked	2231 citing authors

#	Article	IF	Citations
1	Ulvan, a bioactive marine sulphated polysaccharide as a key constituent of hybrid biomaterials: A review. Carbohydrate Polymers, 2019, 218, 355-370.	5.1	146
2	Improvement of anti-corrosive properties of epoxy-coated AA 2024-T3 with TiO2 nanocontainers loaded with 8-hydroxyquinoline. Progress in Organic Coatings, 2012, 74, 418-426.	1.9	145
3	Drug delivery using multifunctional dendrimers and hyperbranched polymers. Expert Opinion on Drug Delivery, 2010, 7, 1387-1398.	2.4	132
4	pH-Sensitive nanogates based on poly(<scp>l</scp>-histidine) for controlled drug release from mesoporous silica nanoparticles. Polymer Chemistry, 2016, 7, 1475-1485.	1.9	103
5	Synthesis and characterization of guanidinylated poly(propylene imine) dendrimers as gene transfection agents. Journal of Controlled Release, 2007, 117, 137-146.	4.8	86
6	Collagen from the Marine Sponges Axinella cannabina and Suberites carnosus: Isolation and Morphological, Biochemical, and Biophysical Characterization. Marine Drugs, 2017, 15, 152.	2.2	78
7	Novel Functional Hyperbranched Polyether Polyols as Prospective Drug Delivery Systems. Macromolecular Bioscience, 2006, 6, 161-169.	2.1	72
8	A Novel Micellar PEGylated Hyperbranched Polyester as a Prospective Drug Delivery System for Paclitaxel. Macromolecular Bioscience, 2008, 8, 871-881.	2.1	58
9	Gene delivery using functional dendritic polymers. Expert Opinion on Drug Delivery, 2009, 6, 27-38.	2.4	55
10	Nanodesigned magnetic polymer containers for dual stimuli actuated drug controlled release and magnetic hyperthermia mediation. Journal of Materials Chemistry, 2012, 22, 13451.	6.7	55
11	Marine sulfated polysaccharides as versatile polyelectrolytes for the development of drug delivery nanoplatforms: Complexation of ulvan with lysozyme. International Journal of Biological Macromolecules, 2018, 118, 69-75.	3.6	44
12	Combined metabolome and transcriptome profiling provides new insights into diterpene biosynthesis in S. pomifera glandular trichomes. BMC Genomics, 2015, 16, 935.	1.2	43
13	Arginine end-functionalized poly(l-lysine) dendrigrafts for the stabilization and controlled release of insulin. Journal of Colloid and Interface Science, 2010, 351, 433-441.	5.0	38
14	Synthesis and evaluation of functional hyperbranched polyether polyols as prospected gene carriers. International Journal of Pharmaceutics, 2008, 356, 314-324.	2.6	37
15	Multifunctional Dendritic Drug Delivery Systems: Design, Synthesis, Controlled and Triggered Release. Current Topics in Medicinal Chemistry, 2008, 8, 1204-1224.	1.0	34
16	Novel PLA modification of organic microcontainers based on ring opening polymerization: Synthesis, characterization, biocompatibility and drug loading/release properties. International Journal of Pharmaceutics, 2012, 428, 134-142.	2.6	33
17	Hybrid Sponge-Like Scaffolds Based on Ulvan and Gelatin: Design, Characterization and Evaluation of Their Potential Use in Bone Tissue Engineering. Materials, 2020, 13, 1763.	1.3	31
18	Implications of a Developmental-Stage-Dependent Thylakoid-Bound Protease in the Stabilization of the Light-Harvesting Pigment-Protein Complex Serving Photosystem II during Thylakoid Biogenesis in Red Kidney Bean1. Plant Physiology, 1998, 117, 961-970.	2.3	28

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19	Development of Multiple Stimuli Responsive Magnetic Polymer Nanocontainers as Efficient Drug Delivery Systems. Macromolecular Bioscience, 2014, 14, 131-141.	2.1	28
20	Metabolites with Antioxidant Activity from Marine Macroalgae. Antioxidants, 2021, 10, 1431.	2.2	28
21	Nanostructuring the Surface of Dual Responsive Hollow Polymer Microspheres for Versatile Utilization in Nanomedicine-Related Applications. Langmuir, 2013, 29, 9562-9572.	1.6	26
22	pH- and thermo-responsive microcontainers as potential drug delivery systems: Morphological characteristic, release and cytotoxicity studies. Materials Science and Engineering C, 2014, 37, 271-277.	3.8	25
23	Disulfides with Anti-inflammatory Activity from the Brown Alga Dictyopteris membranacea. Journal of Natural Products, 2016, 79, 584-589.	1.5	20
24	An in vitro and in vivo study of peptide-functionalized nanoparticles for brain targeting: The importance of selective bloodâ€“brain barrier uptake. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 1289-1300.	1.7	19
25	The Marine Polysaccharide Ulvan Confers Potent Osteoinductive Capacity to PCL-Based Scaffolds for Bone Tissue Engineering Applications. International Journal of Molecular Sciences, 2021, 22, 3086.	1.8	19
26	Comparative study of LbL and crosslinked pH sensitive PEGylated LbL microspheres: Synthesis, characterization and biological evaluation. Colloids and Surfaces B: Biointerfaces, 2013, 104, 91-98.	2.5	14
27	Synthesis and characterization of inclusion complexes of rosemary essential oil with various Î²-cyclodextrins and evaluation of their antibacterial activity against Staphylococcus aureus. Journal of Drug Delivery Science and Technology, 2021, 65, 102660.	1.4	13
28	Ulvan/gelatin-based nanofibrous patches as a promising treatment for burn wounds. Journal of Drug Delivery Science and Technology, 2022, 74, 103535.	1.4	11
29	In Vivo Evaluation of the Wound Healing Activity of Extracts and Bioactive Constituents of the Marine Isopod Ceratothoa oestroides. Marine Drugs, 2020, 18, 219.	2.2	9
30	Silver Nanoparticles Grown on Cross-Linked Poly (Methacrylic Acid) Microspheres: Synthesis, Characterization, and Antifungal Activity Evaluation. Chemosensors, 2021, 9, 152.	1.8	7
31	Cholesterylâ€Functionalized ADNFâ€9 Peptide: Enhanced Membrane Transport Through Mouse Neuroblastoma Neuroâ€2a Cells. Chemical Biology and Drug Design, 2012, 80, 148-154.	1.5	0
32	Drug and Gene Delivery Using Hyperbranched Polymers. , 2013, , 1-13.		0
33	Drug and Gene Delivery Using Hyperbranched Polymers. , 2015, , 625-635.		0