Panayiotis Bilalis

List of Publications by Year
in descending order

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39 papers	1,531 citations	361296 20 h-index	302012 39 g-index
40 all docs	40 docs citations	40 times ranked	2538 citing authors

#	Article	IF	Citations
1	Peroxidaseâ€like activity of Fe₃O₄ nanoparticles and Fe₃O₄â€graphene oxide nanohybrids: Effect of the aminoâ€and carboxylâ€surface modifications on H₂O₂ sensing. Applied Organometallic Chemistry, 2022, 36, .	1.7	10
2	Sustainable and Eco-Friendly Coral Restoration through 3D Printing and Fabrication. ACS Sustainable Chemistry and Engineering, 2021, 9, 12634-12645.	3.2	25
3	Ecologically Friendly Biofunctional Ink for Reconstruction of Rigid Living Systems Under Wet Conditions. International Journal of Bioprinting, 2021, 7, 398.	1.7	4
4	Fabrication of a Lateral Flow Assay for Rapid In-Field Detection of COVID-19 Antibodies Using Additive Manufacturing Printing Technologies. International Journal of Bioprinting, 2021, 7, 399.	1.7	8
5	Facile synthesis of poly(trimethylene carbonate) by alkali metal carboxylate-catalyzed ring-opening polymerization. Polymer Journal, 2020, 52, 103-110.	1.3	15
6	Complex Star Architectures of Well-Defined Polyethylene-Based Co/Terpolymers. Macromolecules, 2020, 53, 4355-4365.	2.2	11
7	Synthesis and Self-Assembly of Well-Defined Star and Tadpole Homo-/Co-/Terpolymers. Macromolecules, 2019, 52, 5583-5589.	2.2	15
8	Marcromolecular Architecture and Encapsulation of the Anticancer Drug Everolimus Control the Self-Assembly of Amphiphilic Polypeptide-Containing Hybrids. Biomacromolecules, 2019, 20, 4546-4562.	2.6	9
9	Poly(vinylidene fluoride)/Polymethylene-Based Block Copolymers and Terpolymers. Macromolecules, 2019, 52, 1976-1984.	2.2	20
10	Ultrafast phosphazeneâ€promoted controlled anionic polymerization of styrenic monomers. Journal of Polymer Science Part A, 2019, 57, 456-464.	2.5	5
11	Boron â€œstitchingâ€•reaction: a powerful tool for the synthesis of polyethylene-based star architectures. Polymer Chemistry, 2018, 9, 1061-1065.	1.9	7
12	A Novel Poly(vinylidene fluoride)-Based 4-Miktoarm Star Terpolymer: Synthesis and Self-Assembly. Molecular Pharmaceutics, 2018, 15, 3005-3009.	2.3	20
13	Block Copolymers of Macrolactones/Small Lactones by a â€œCatalyst-Switchâ€•Organocatalytic Strategy. Thermal Properties and Phase Behavior. Macromolecules, 2018, 51, 2428-2436.	2.2	30
14	Self-Assembled Membranes with Featherlike and Lamellar Morphologies Containing Î±-Helical Polypeptides. Macromolecules, 2018, 51, 8174-8187.	2.2	9
15	Poly(sarcosine)-Based Nano-Objects with Multi-Protease Resistance by Aqueous Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA). Biomacromolecules, 2018, 19, 4453-4462.	2.6	44
16	Macromolecular Brushes by Combination of Ring-Opening and Ring-Opening Metathesis Polymerization. Synthesis, Self-Assembly, Thermodynamics, and Dynamics. Macromolecules, 2018, 51, 8940-8955.	2.2	24
17	Self-Healing pH- and Enzyme Stimuli-Responsive Hydrogels for Targeted Delivery of Gemcitabine To Treat Pancreatic Cancer. Biomacromolecules, 2018, 19, 3840-3852.	2.6	47
18	50th Anniversary Perspective: Polymers with Complex Architectures. Macromolecules, 2017, 50, 1253-1290.	2.2	311

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19	Polyethyleneâ€Based Tadpole Copolymers. Macromolecular Chemistry and Physics, 2017, 218, 1600568.	1.1	10
20	Core Cross-Linked Multiarm Star Polymers with Aggregation-Induced Emission and Temperature Responsive Fluorescence Characteristics. Macromolecules, 2017, 50, 4217-4226.	2.2	50
21	Ring-opening polymerization of ï‰-pentadecalactone catalyzed by phosphazene superbases. Polymer Chemistry, 2017, 8, 511-515.	1.9	47
22	Anionic Polymerization of Styrene and 1,3-Butadiene in the Presence of Phosphazene Superbases. Polymers, 2017, 9, 538.	2.0	16
23	Self-assembly behavior of well-defined polymethylene-block-poly(ethylene glycol) copolymers in aqueous solution. Polymer, 2016, 107, 415-421.	1.8	8
24	Well-Defined Cyclic Triblock Terpolymers: A Missing Piece of the Morphology Puzzle. ACS Macro Letters, 2016, 5, 1242-1246.	2.3	31
25	Preparation of hybrid tripleâ€stimuli responsive nanogels based on poly(<scp>L</scp>â€histidine). Journal of Polymer Science Part A, 2016, 54, 1278-1288.	2.5	28
26	Self-Assembly of Telechelic Tyrosine End-Capped PEO and Poly(alanine) Polymers in Aqueous Solution. Biomacromolecules, 2016, 17, 1186-1197.	2.6	10
27	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
28	Polymer Functionalized Graphene Oxide: A Versatile Nanoplatform for Drug/Gene Delivery. Current Organic Chemistry, 2015, 19, 1828-1837.	0.9	6
29	Development of Multiple Stimuli Responsive Magnetic Polymer Nanocontainers as Efficient Drug Delivery Systems. Macromolecular Bioscience, 2014, 14, 131-141.	2.1	28
30	Non-covalent functionalization of carbon nanotubes with polymers. RSC Advances, 2014, 4, 2911-2934.	1.7	265
31	Self-Assembly of a Model Peptide Incorporating a Hexa-Histidine Sequence Attached to an Oligo-Alanine Sequence, and Binding to Gold NTA/Nickel Nanoparticles. Biomacromolecules, 2014, 15, 3412-3420.	2.6	24
32	Controlled polymerization of histidine and synthesis of well-defined stimuli responsive polymers. Elucidation of the structureâ€“aggregation relationship of this highly multifunctional material. Polymer Chemistry, 2014, 5, 6256-6278.	1.9	47
33	Reversible spherical organic water microtraps. Journal of Non-Crystalline Solids, 2012, 358, 443-445.	1.5	15
34	Multiâ€responsive polymeric microcontainers for potential biomedical applications: synthesis and functionality evaluation. Polymer International, 2012, 61, 888-894.	1.6	20
35	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
36	Novel PEGylated pH-sensitive polymeric hollow microspheres. Materials Letters, 2012, 67, 180-183.	1.3	12

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37	Nanoscale Rings Fabricated Using Self-Assembled Triblock Terpolymer Templates. ACS Nano, 2008, 2, 2007-2014.	7.3	25
38	Synthesis of poly(n-hexyl isocyanate-b-N-vinylpyrrolidone) block copolymers by the combination of anionic and nitroxide-mediated radical polymerizations: Micellization properties in aqueous solutions. Journal of Polymer Science Part A, 2006, 44, 5719-5728.	2.5	26
39	Controlled nitroxide-mediated and reversible addition-fragmentation chain transfer polymerization ofN-vinylpyrrolidone: Synthesis of block copolymers with styrene and 2-vinylpyridine. Journal of Polymer Science Part A, 2006, 44, 659-665.	2.5	88