

Panayiotis Bilalis

List of Publications by Year in descending order

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Version: 2024-02-01

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	<i>50th Anniversary Perspective</i>: Polymers with Complex Architectures. <i>Macromolecules</i> , 2017, 50, 1253-1290.	2.2	311
2	Non-covalent functionalization of carbon nanotubes with polymers. <i>RSC Advances</i> , 2014, 4, 2911-2934.	1.7	265
3	pH-Sensitive nanogates based on poly(L-histidine) for controlled drug release from mesoporous silica nanoparticles. <i>Polymer Chemistry</i> , 2016, 7, 1475-1485.	1.9	103
4	Controlled nitroxide-mediated and reversible addition-fragmentation chain transfer polymerization of N-vinylpyrrolidone: Synthesis of block copolymers with styrene and 2-vinylpyridine. <i>Journal of Polymer Science Part A</i> , 2006, 44, 659-665.	2.5	88
5	Nanodesigned magnetic polymer containers for dual stimuli actuated drug controlled release and magnetic hyperthermia mediation. <i>Journal of Materials Chemistry</i> , 2012, 22, 13451.	6.7	55
6	Core Cross-Linked Multiarm Star Polymers with Aggregation-Induced Emission and Temperature Responsive Fluorescence Characteristics. <i>Macromolecules</i> , 2017, 50, 4217-4226.	2.2	50
7	Controlled polymerization of histidine and synthesis of well-defined stimuli responsive polymers. Elucidation of the structure–aggregation relationship of this highly multifunctional material. <i>Polymer Chemistry</i> , 2014, 5, 6256-6278.	1.9	47
8	Ring-opening polymerization of 10-pentadecalactone catalyzed by phosphazene superbases. <i>Polymer Chemistry</i> , 2017, 8, 511-515.	1.9	47
9	Self-Healing pH- and Enzyme Stimuli-Responsive Hydrogels for Targeted Delivery of Gemcitabine To Treat Pancreatic Cancer. <i>Biomacromolecules</i> , 2018, 19, 3840-3852.	2.6	47
10	Poly(sarcosine)-Based Nano-Objects with Multi-Protease Resistance by Aqueous Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA). <i>Biomacromolecules</i> , 2018, 19, 4453-4462.	2.6	44
11	Well-Defined Cyclic Triblock Terpolymers: A Missing Piece of the Morphology Puzzle. <i>ACS Macro Letters</i> , 2016, 5, 1242-1246.	2.3	31
12	Block Copolymers of Macrolactones/Small Lactones by a “Catalyst-Switch” Organocatalytic Strategy. Thermal Properties and Phase Behavior. <i>Macromolecules</i> , 2018, 51, 2428-2436.	2.2	30
13	Development of Multiple Stimuli Responsive Magnetic Polymer Nanocontainers as Efficient Drug Delivery Systems. <i>Macromolecular Bioscience</i> , 2014, 14, 131-141.	2.1	28
14	Preparation of hybrid triple-stimuli responsive nanogels based on poly(L-histidine). <i>Journal of Polymer Science Part A</i> , 2016, 54, 1278-1288.	2.5	28
15	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. <i>Journal of Polymer Science Part A</i> , 2006, 44, 5719-5728.	2.5	26
16	Nanoscale Rings Fabricated Using Self-Assembled Triblock Terpolymer Templates. <i>ACS Nano</i> , 2008, 2, 2007-2014.	7.3	25
17	Sustainable and Eco-Friendly Coral Restoration through 3D Printing and Fabrication. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 12634-12645.	3.2	25
18	Self-Assembly of a Model Peptide Incorporating a Hexa-Histidine Sequence Attached to an Oligo-Alanine Sequence, and Binding to Gold NTA/Nickel Nanoparticles. <i>Biomacromolecules</i> , 2014, 15, 3412-3420.	2.6	24

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19	Macromolecular Brushes by Combination of Ring-Opening and Ring-Opening Metathesis Polymerization. <i>Synthesis, Self-Assembly, Thermodynamics, and Dynamics. Macromolecules</i> , 2018, 51, 8940-8955.	2.2	24
20	Multi-responsive polymeric microcontainers for potential biomedical applications: synthesis and functionality evaluation. <i>Polymer International</i> , 2012, 61, 888-894.	1.6	20
21	A Novel Poly(vinylidene fluoride)-Based 4-Miktoarm Star Terpolymer: Synthesis and Self-Assembly. <i>Molecular Pharmaceutics</i> , 2018, 15, 3005-3009.	2.3	20
22	Poly(vinylidene fluoride)/Polymethylene-Based Block Copolymers and Terpolymers. <i>Macromolecules</i> , 2019, 52, 1976-1984.	2.2	20
23	Anionic Polymerization of Styrene and 1,3-Butadiene in the Presence of Phosphazene Superbases. <i>Polymers</i> , 2017, 9, 538.	2.0	16
24	Reversible spherical organic water microtraps. <i>Journal of Non-Crystalline Solids</i> , 2012, 358, 443-445.	1.5	15
25	Synthesis and Self-Assembly of Well-Defined Star and Tadpole Homo-/Co-/Terpolymers. <i>Macromolecules</i> , 2019, 52, 5583-5589.	2.2	15
26	Facile synthesis of poly(trimethylene carbonate) by alkali metal carboxylate-catalyzed ring-opening polymerization. <i>Polymer Journal</i> , 2020, 52, 103-110.	1.3	15
27	Novel PEGylated pH-sensitive polymeric hollow microspheres. <i>Materials Letters</i> , 2012, 67, 180-183.	1.3	12
28	Complex Star Architectures of Well-Defined Polyethylene-Based Co/Terpolymers. <i>Macromolecules</i> , 2020, 53, 4355-4365.	2.2	11
29	Self-Assembly of Telechelic Tyrosine End-Capped PEO and Poly(alanine) Polymers in Aqueous Solution. <i>Biomacromolecules</i> , 2016, 17, 1186-1197.	2.6	10
30	Polyethylene-Based Tadpole Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1600568.	1.1	10
31	Peroxidase-like activity of Fe ₃ O ₄ nanoparticles and Fe ₃ O ₄ -graphene oxide nanohybrids: Effect of the amino and carboxyl surface modifications on H ₂ O ₂ sensing. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	1.7	10
32	Self-Assembled Membranes with Featherlike and Lamellar Morphologies Containing α -Helical Polypeptides. <i>Macromolecules</i> , 2018, 51, 8174-8187.	2.2	9
33	Macromolecular Architecture and Encapsulation of the Anticancer Drug Everolimus Control the Self-Assembly of Amphiphilic Polypeptide-Containing Hybrids. <i>Biomacromolecules</i> , 2019, 20, 4546-4562.	2.6	9
34	Self-assembly behavior of well-defined polymethylene-block-poly(ethylene glycol) copolymers in aqueous solution. <i>Polymer</i> , 2016, 107, 415-421.	1.8	8
35	Fabrication of a Lateral Flow Assay for Rapid In-Field Detection of COVID-19 Antibodies Using Additive Manufacturing Printing Technologies. <i>International Journal of Bioprinting</i> , 2021, 7, 399.	1.7	8
36	Boron ester stitching reaction: a powerful tool for the synthesis of polyethylene-based star architectures. <i>Polymer Chemistry</i> , 2018, 9, 1061-1065.	1.9	7

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37	Polymer Functionalized Graphene Oxide: A Versatile Nanoplatform for Drug/Gene Delivery. <i>Current Organic Chemistry</i> , 2015, 19, 1828-1837.	0.9	6
38	Ultrafast phosphazene-promoted controlled anionic polymerization of styrenic monomers. <i>Journal of Polymer Science Part A</i> , 2019, 57, 456-464.	2.5	5
39	Ecologically Friendly Biofunctional Ink for Reconstruction of Rigid Living Systems Under Wet Conditions. <i>International Journal of Bioprinting</i> , 2021, 7, 398.	1.7	4