

# Dimitrios N Bikiaris

## List of Publications by Year in Descending Order

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**Version:** 2024-04-23

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

475  
papers

19,081  
citations

72  
h-index

109  
g-index

492  
ext. papers

21,851  
ext. citations

4.6  
avg, IF

7.38  
L-index

#	Paper	IF	Citations
475	Tuning thermal properties and biodegradability of poly(isosorbide azelate) by compositional control through copolymerization with 2,5-furandicarboxylic acid. <i>Polymer Degradation and Stability</i> , <b>2022</b> , 195, 109804	4.7	0
474	Poly(Lactic Acid)-Based Microparticles for Drug Delivery Applications: An Overview of Recent Advances.. <i>Pharmaceutics</i> , <b>2022</b> , 14,	6.4	9
473	Structural and Energetic Aspects of Entacapone-Theophylline-Water Cocrystal. <i>Solids</i> , <b>2022</b> , 3, 66-92	0	0
472	Polysaccharide 3D Printing for Drug Delivery Applications.. <i>Pharmaceutics</i> , <b>2022</b> , 14,	6.4	6
471	Towards novel lignin-based aromatic polyesters: In-depth study of the thermal degradation and crystallization of poly(propylene vanillate). <i>Thermochimica Acta</i> , <b>2022</b> , 709, 179145	2.9	0
470	Molecular Mobility in Nanocomposites Based on Renewable Semicrystalline Polyesters. <i>Advances in Dielectrics</i> , <b>2022</b> , 87-121	0.6	0
469	Poly(vinyl pyridine) and Its Quaternized Derivatives: Understanding Their Solvation and Solid State Properties.. <i>Polymers</i> , <b>2022</b> , 14,	4.5	1
468	Intravitreal Administration Effect of Adipose-Derived Mesenchymal Stromal Cells Combined with Anti-VEGF Nanocarriers, in a Pharmaceutically Induced Animal Model of Retinal Vein Occlusion.. <i>Stem Cells International</i> , <b>2022</b> , 2022, 2760147	5	
467	Differentiation in the expression of toxic effects of polyethylene-microplastics on two freshwater fish species: Size matters.. <i>Science of the Total Environment</i> , <b>2022</b> , 154603	10.2	5
466	Do poly(lactic acid) microplastics instigate a threat? A perception for their dynamic towards environmental pollution and toxicity.. <i>Science of the Total Environment</i> , <b>2022</b> , 155014	10.2	8
465	Biocompatible Synthetic Polymers for Tissue Engineering Purposes.. <i>Biomacromolecules</i> , <b>2022</b> ,	6.9	4
464	Toxicity and Functional Tissue Responses of Two Freshwater Fish after Exposure to Polystyrene Microplastics. <i>Toxics</i> , <b>2021</b> , 9,	4.7	5
463	Recommendations for replacing PET on packaging, fiber, and film materials with biobased counterparts. <i>Green Chemistry</i> , <b>2021</b> , 23, 8795-8820	10	12
462	Synthesis, Properties, and Enzymatic Hydrolysis of Poly(lactic acid)--Poly(propylene adipate) Block Copolymers Prepared by Reactive Extrusion. <i>Polymers</i> , <b>2021</b> , 13,	4.5	1
461	High-Drug-Loading Amorphous Solid Dispersions via Thermal Cross-Linking: Unraveling the Mechanisms of Stabilization. <i>Molecular Pharmaceutics</i> , <b>2021</b> , 18, 4393-4414	5.6	1
460	On the Improved Mechanical Properties of Ball-Milled GNPs Reinforced Short Chain Branched-Polyethylene Nanocomposite: Micromechanical Modeling and Fractography Study. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 9420	2.6	0
459	Integrating Elastic Tensor and PC-SAFT Modeling with Systems-Based Pharma 4.0 Simulation, to Predict Process Operations and Product Specifications of Ternary Nanocrystalline Suspensions. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	1

458	Vanillin chitosan miscible hydrogel blends and their prospects for 3D printing biomedical applications. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 192, 1266-1275	7.9	1
457	Cold Crystallization Kinetics and Thermal Degradation of PLA Composites with Metal Oxide Nanofillers. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 3004	2.6	12
456	A New Era in Engineering Plastics: Compatibility and Perspectives of Sustainable Aliphatic Poly(ethylene terephthalate)/Poly(ethylene 2,5-furandicarboxylate) Blends. <i>Polymers</i> , <b>2021</b> , 13,	4.5	4
455	Effects of poly(hexylene succinate) amount on the crystallization and molecular mobility of poly(lactic acid) copolymers. <i>Thermochimica Acta</i> , <b>2021</b> , 698, 178883	2.9	7
454	Influence of Reactive Chain Extension on the Properties of 3D Printed Poly(Lactic Acid) Constructs. <i>Polymers</i> , <b>2021</b> , 13,	4.5	5
453	Sildenafil 4.0-Integrated Synthetic Chemistry, Formulation and Analytical Strategies Effecting Immense Therapeutic and Societal Impact in the Fourth Industrial Era. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	5
452	Effect of ball milling on the mechanical properties and crystallization of graphene nanoplatelets reinforced short chain branched-polyethylene. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 50874	2.9	2
451	Thermal Degradation Mechanism and Decomposition Kinetic Studies of Poly(Lactic Acid) and Its Copolymers with Poly(Hexylene Succinate). <i>Polymers</i> , <b>2021</b> , 13,	4.5	5
450	Innovative Bio-based Poly(Lactic Acid)/Poly(Alkylene Furanoate)s Fiber Blends for Sustainable Textile Applications. <i>Journal of Polymers and the Environment</i> , <b>2021</b> , 29, 3948	4.5	5
449	Multifunctionality of Reduced Graphene Oxide in Bioderived Polylactide/Poly(Dodecylene Furanoate) Nanocomposite Films. <i>Molecules</i> , <b>2021</b> , 26,	4.8	3
448	Development of a Nanocrystal Formulation of a Low Melting Point API Following a Quality by Design Approach. <i>Processes</i> , <b>2021</b> , 9, 954	2.9	4
447	Poly(lactic Acid): A Versatile Biobased Polymer for the Future with Multifunctional Properties-From Monomer Synthesis, Polymerization Techniques and Molecular Weight Increase to PLA Applications. <i>Polymers</i> , <b>2021</b> , 13,	4.5	51
446	Leflunomide Loaded Chitosan Nanoparticles for the Preparation of Aliphatic Polyester Based Skin Patches. <i>Polymers</i> , <b>2021</b> , 13,	4.5	1
445	Chitosan Adsorbent Derivatives for Pharmaceuticals Removal from Effluents: A Review. <i>Macromol</i> , <b>2021</b> , 1, 130-154		7
444	Fibre length and loading impact on the properties of glass fibre reinforced polypropylene random composites. <i>Composite Structures</i> , <b>2021</b> , 263, 113678	5.3	13
443	Simultaneous removal of anti-inflammatory pharmaceutical compounds from an aqueous mixture with adsorption onto chitosan zwitterionic derivative. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 619, 126498	5.1	10
442	Effects of Ag, ZnO and TiO <sub>2</sub> nanoparticles at low contents on the crystallization, semicrystalline morphology, interfacial phenomena and segmental dynamics of PLA. <i>Materials Today Communications</i> , <b>2021</b> , 27, 102192	2.5	5
441	Incorporation of Metal-Based Nanoadditives into the PLA Matrix: Effect of Surface Properties on Antibacterial Activity and Mechanical Performance of PLA Nanoadditive Films. <i>Molecules</i> , <b>2021</b> , 26,	4.8	6

440	Insights into the toxicity of biomaterials microparticles with a combination of cellular and oxidative biomarkers. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 413, 125335	12.8	8
439	Effectiveness of Esterification Catalysts in the Synthesis of Poly(Ethylene Vanillate). <i>Catalysts</i> , <b>2021</b> , 11, 822	4	4
438	Effect of rigid nanoparticles and preparation techniques on the performances of poly(lactic acid) nanocomposites: A review. <i>Polymers for Advanced Technologies</i> , <b>2021</b> , 32, 444-460	3.2	23
437	Influence of montmorillonite/carbon nanotube hybrid nanofillers on the properties of poly(lactic acid). <i>Applied Clay Science</i> , <b>2021</b> , 201, 105925	5.2	15
436	Graphite reinforced silane crosslinked high density polyethylene: The effect of filler loading on the thermal and mechanical properties. <i>Polymer Composites</i> , <b>2021</b> , 42, 1181-1197	3	2
435	Towards increased sustainability for aromatic polyesters: Poly(butylene 2,5-furandicarboxylate) and its blends with poly(butylene terephthalate). <i>Polymer</i> , <b>2021</b> , 212, 123157	3.9	5
434	Adsorption Evaluation for the Removal of Nickel, Mercury, and Barium Ions from Single-Component and Mixtures of Aqueous Solutions by Using an Optimized Biobased Chitosan Derivative. <i>Polymers</i> , <b>2021</b> , 13,	4.5	8
433	Block copolymers based on poly(butylene adipate) and poly(L-lactic acid) for biomedical applications: synthesis, structure and thermodynamical studies. <i>Soft Matter</i> , <b>2021</b> , 17, 2439-2453	3.6	8
432	Synthesis, Crystallization, Structure Memory Effects, and Molecular Dynamics of Biobased and Renewable Poly(n-alkylene succinate)s with n from 2 to 10. <i>Macromolecules</i> , <b>2021</b> , 54, 1106-1119	5.5	13
431	Poly(propylene vanillate): A Sustainable Lignin-Based Semicrystalline Engineering Polyester. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2021</b> , 9, 1383-1397	8.3	7
430	Synthesis and Characterization of Unsaturated Succinic Acid Biobased Polyester Resins. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 896	2.6	3
429	Low Molecular Weight Oligomers of Poly(alkylene succinate) Polyesters as Plasticizers in Poly(vinyl alcohol) Based Pharmaceutical Applications. <i>Polymers</i> , <b>2021</b> , 13,	4.5	5
428	Effects of Expandable Graphite at Moderate and Heavy Loadings on the Thermal and Electrical Conductivity of Amorphous Polystyrene and Semicrystalline High-Density Polyethylene. <i>Applied Nano</i> , <b>2021</b> , 2, 31-45	1	2
427	Tuning thermo-mechanical properties of poly(lactic acid) films through blending with bioderived poly(alkylene furanoate)s with different alkyl chain length for sustainable packaging. <i>Polymer</i> , <b>2021</b> , 218, 123527	3.9	10
426	Comparative study of crystallization, semicrystalline morphology, and molecular mobility in nanocomposites based on polylactide and various inclusions at low filler loadings. <i>Polymer</i> , <b>2021</b> , 217, 123457	3.9	15
425	Bottom-Up Development of Nanoimprinted PLLA Composite Films with Enhanced Antibacterial Properties for Smart Packaging Applications. <i>Macromol</i> , <b>2021</b> , 1, 49-63		9
424	Adverse effects polystyrene microplastics exert on zebrafish heart – Molecular to individual level. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 416, 125969	12.8	16
423	Pharma 4.0 Continuous mRNA Drug Products Manufacturing. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	4

4 <sup>22</sup>	Thermal Stability and Decomposition Mechanism of PLA Nanocomposites with Kraft Lignin and Tannin. <i>Polymers</i> , <b>2021</b> , 13,	4.5	2
4 <sup>21</sup>	Insights into Biodegradable Polymer-Supported Titanium Dioxide Photocatalysts for Environmental Remediation. <i>Macromol</i> , <b>2021</b> , 1, 201-233		3
4 <sup>20</sup>	Properties of poly(lactic acid)/montmorillonite/carbon nanotubes nanocomposites: determination of percolation threshold. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 16887-16901	4.3	10
4 <sup>19</sup>	Super absorbent chitosan-based hydrogel sponges as carriers for caspofungin antifungal drug. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 606, 120925	6.5	4
4 <sup>18</sup>	Unraveling the origin of aged varnishes for the proper restoration of old paintings using spectroscopic and spectrometric techniques. <i>Microchemical Journal</i> , <b>2021</b> , 168, 106467	4.8	0
4 <sup>17</sup>	Structure-Properties relationships in renewable composites based on polylactide filled with Tannin and Kraft Lignin - Crystallization and molecular mobility. <i>Thermochimica Acta</i> , <b>2021</b> , 703, 178998	2.9	4
4 <sup>16</sup>	Aging effects on low- and high-density polyethylene, polypropylene and polystyrene under UV irradiation: An insight into decomposition mechanism by Py-GC/MS for microplastic analysis. <i>Journal of Analytical and Applied Pyrolysis</i> , <b>2021</b> , 158, 105207	6	17
4 <sup>15</sup>	Molecular mobility investigation of the biobased Poly(ethylene vanillate) and Poly(propylene vanillate). <i>Polymer</i> , <b>2021</b> , 233, 124197	3.9	2
4 <sup>14</sup>	Potential application of low molecular weight excipients for amorphization and dissolution enhancement of carvedilol. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 608, 121033	6.5	1
4 <sup>13</sup>	Microplastics in the environment: Sampling, pretreatment, analysis and occurrence based on current and newly-exploited chromatographic approaches. <i>Science of the Total Environment</i> , <b>2021</b> , 794, 148725	10.2	7
4 <sup>12</sup>	Development of agomelatine nanocomposite formulations by wet media milling. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 166, 105979	5.1	1
4 <sup>11</sup>	Acrylic acid copolymers as adsorbent materials for the removal of anti-inflammatory pharmaceuticals from synthetic biomedical wastewaters. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 629, 127382	5.1	1
4 <sup>10</sup>	Investigation of the catalytic activity and reaction kinetic modeling of two antimony catalysts in the synthesis of poly(ethylene furanoate). <i>Green Chemistry</i> , <b>2021</b> , 23, 2507-2524	10	6
4 <sup>09</sup>	Synthesis and Characterization of Mesoporous Mg- and Sr-Doped Nanoparticles for Moxifloxacin Drug Delivery in Promising Tissue Engineering Applications. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	11
4 <sup>08</sup>	Molecular mobility and crystallization of renewable poly(ethylene furanoate) filled with carbon nanotubes and graphene nanoparticles. <i>Soft Matter</i> , <b>2021</b> , 17, 5815-5828	3.6	3
4 <sup>07</sup>	Preliminary Evaluation of 3D Printed Chitosan/Pectin Constructs for Biomedical Applications. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	10
4 <sup>06</sup>	βCyclodextrin Inclusion Complexes of Budesonide with Enhanced Bioavailability for COPD Treatment. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 12085	2.6	1
4 <sup>05</sup>	mRNA Therapeutic Modalities Design, Formulation and Manufacturing under Pharma 4.0 Principles.. <i>Biomedicines</i> , <b>2021</b> , 10,	4.8	6

404	Towards High Molecular Weight Furan-Based Polyesters: Solid State Polymerization Study of Bio-Based Poly(Propylene Furanoate) and Poly(Butylene Furanoate). <i>Materials</i> , <b>2020</b> , 13,	3.5	5
403	Calorimetric and Dielectric Study of Renewable Poly(hexylene 2,5-furan-dicarboxylate)-Based Nanocomposites In Situ Filled with Small Amounts of Graphene Platelets and Silica Nanoparticles. <i>Polymers</i> , <b>2020</b> , 12,	4.5	11
402	Effect of Poly(vinyl alcohol) on Nanoencapsulation of Budesonide in Chitosan Nanoparticles via Ionic Gelation and Its Improved Bioavailability. <i>Polymers</i> , <b>2020</b> , 12,	4.5	15
401	New insights into transformation pathways of a mixture of cytostatic drugs using Polyester-TiO films: Identification of intermediates and toxicity assessment. <i>Science of the Total Environment</i> , <b>2020</b> , 741, 140394	10.2	14
400	Tuning the Properties of Furandicarboxylic Acid-Based Polyesters with Copolymerization: A Review. <i>Polymers</i> , <b>2020</b> , 12,	4.5	53
399	Hierarchical Porous Carbon-PLLA and PLGA Hybrid Nanoparticles for Intranasal Delivery of Galantamine for Alzheimer's Disease Therapy. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	15
398	Formulation and In-Vitro Characterization of Chitosan-Nanoparticles Loaded with the Iron Chelator Deferoxamine Mesylate (DFO). <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	31
397	A Facile Method to Synthesize Semicrystalline Poly(ester amide)s from 2,5-Furandicarboxylic Acid, 1,10-Decanediol, and Crystallizable Amido Diols. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> ,	8.3	6
396	Chitosan dressings containing inorganic additives and levofloxacin as potential wound care products with enhanced hemostatic properties. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 162, 693-703	7.9	16
395	Spray Drying for the Preparation of Nanoparticle-Based Drug Formulations as Dry Powders for Inhalation. <i>Processes</i> , <b>2020</b> , 8, 788	2.9	21
394	Partially hydrolyzed polyvinyl alcohol for fusion-based pharmaceutical formulation processes: Evaluation of suitable plasticizers. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 578, 119121	6.5	8
393	Crystallization tendency of APIs possessing different thermal and glass related properties in amorphous solid dispersions. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 579, 119149	6.5	14
392	Rigid Amorphous Fraction and Thermal Diffusivity in Nanocomposites Based on Poly(L-lactic acid) Filled with Carbon Nanotubes and Graphene Oxide. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 5469-5479	3.8	15
391	Effects of graphene nanoplatelets on crystallization, mechanical performance and molecular dynamics of the renewable poly(propylene furanoate). <i>Polymer</i> , <b>2020</b> , 189, 122172	3.9	20
390	Sustainable Plastics from Biomass: Blends of Polyesters Based on 2,5-Furandicarboxylic Acid. <i>Polymers</i> , <b>2020</b> , 12,	4.5	11
389	Insight into the Formation of Glimepiride Nanocrystals by Wet Media Milling. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	8
388	Synthesis and characterization of novel polymer/clay nanocomposites based on poly (butylene 2,5-furan dicarboxylate). <i>Applied Clay Science</i> , <b>2020</b> , 190, 105588	5.2	22
387	Straightforward Synthetic Protocol to Bio-Based Unsaturated Poly(ester amide)s from Itaconic Acid with Thixotropic Behavior. <i>Polymers</i> , <b>2020</b> , 12,	4.5	3

386	Chitosan Grafted with Biobased 5-Hydroxymethyl-Furfural as Adsorbent for Copper and Cadmium Ions Removal. <i>Polymers</i> , <b>2020</b> , 12,	4.5	15
385	Effect of additives on the thermal and thermo-oxidative stability of poly(ethylene furanoate) biobased polyester. <i>Thermochimica Acta</i> , <b>2020</b> , 686, 178549	2.9	3
384	Polymer/Metal Organic Framework (MOF) Nanocomposites for Biomedical Applications. <i>Molecules</i> , <b>2020</b> , 25,	4.8	77
383	Molecular dynamics, crystallization and hydration study of Poly(Propylene succinate) based Poly(Ester amide)s. <i>Polymer</i> , <b>2020</b> , 186, 122056	3.9	10
382	Overcoming the Solubility Barrier of Ibuprofen by the Rational Process Design of a Nanocrystal Formulation. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	7
381	Folate and Pegylated Aliphatic Polyester Nanoparticles for Targeted Anticancer Drug Delivery. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 4899-4918	7.3	5
380	Chitosan Derivatives with Mucoadhesive and Antimicrobial Properties for Simultaneous Nanoencapsulation and Extended Ocular Release Formulations of Dexamethasone and Chloramphenicol Drugs. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	23
379	Chitosan and its Derivatives for Ocular Delivery Formulations: Recent Advances and Developments. <i>Polymers</i> , <b>2020</b> , 12,	4.5	42
378	Synthesis, crystallization, and molecular mobility in poly( $\epsilon$ -caprolactone) copolyesters of different architectures for biomedical applications studied by calorimetry and dielectric spectroscopy. <i>Soft Matter</i> , <b>2020</b> , 16, 8187-8201	3.6	8
377	Effective and facile solvent-free synthesis route to novel biobased monomers from vanillic acid: Structure-thermal property relationships of sustainable polyesters. <i>Polymer Degradation and Stability</i> , <b>2020</b> , 181, 109315	4.7	7
376	Molecular Dynamics in Nanocomposites Based on Renewable Poly(butylene 2,5-furan-dicarboxylate) In Situ Reinforced by Montmorillonite Nanoclays: Effects of Clay Modification, Crystallization, and Hydration. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 7306-7317	3.4	11
375	Non-isothermal crystallization kinetics of graphite-reinforced crosslinked high-density polyethylene composites. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2020</b> , 142, 1849-1861	4.1	5
374	Influence of Graphene Platelet Aspect Ratio on the Mechanical Properties of HDPE Nanocomposites: Microscopic Observation and Micromechanical Modeling. <i>Polymers</i> , <b>2020</b> , 12,	4.5	6
373	Mechanical and Functional Properties of Novel Biobased Poly(decylene-2,5-furanoate)/Carbon Nanotubes Nanocomposite Films. <i>Polymers</i> , <b>2020</b> , 12,	4.5	6
372	Preparation and Evaluation of Collagen-Based Patches as Curcumin Carriers. <i>Polymers</i> , <b>2020</b> , 12,	4.5	9
371	Mechanical and thermal properties of PMMA resin composites for interim fixed prostheses reinforced with calcium $\beta$ -pyrophosphate. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2020</b> , 112, 104094	4.1	10
370	Synthesis of Dacus Pheromone, 1,7-Dioxaspiro[5.5]Undecane and Its Encapsulation in PLLA Microspheres for Their Potential Use as Controlled Release Devices. <i>Agronomy</i> , <b>2020</b> , 10, 1053	3.6	1
369	Microencapsulation of Fluticasone Propionate and Salmeterol Xinafoate in Modified Chitosan Microparticles for Release Optimization. <i>Molecules</i> , <b>2020</b> , 25,	4.8	7

368	New Biodegradable Poly(L-lactide)-Block-Poly(propylene adipate) Copolymer Microparticles for Long-Acting Injectables of Naltrexone Drug. <i>Polymers</i> , <b>2020</b> , 12,	4.5	10
367	Interfacial Interactions, Crystallization, and Molecular Dynamics of Renewable Poly(Propylene Furanoate) In Situ Filled with Initial and Surface Functionalized Carbon Nanotubes and Graphene Oxide. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 10220-10234	3.8	18
366	Composite Membranes of Poly( $\epsilon$ -caprolactone) with Bisphosphonate-Loaded Bioactive Glasses for Potential Bone Tissue Engineering Applications. <i>Molecules</i> , <b>2019</b> , 24,	4.8	10
365	Comprehensive investigation of a wide range of pharmaceuticals and personal care products in urban and hospital wastewaters in Greece. <i>Science of the Total Environment</i> , <b>2019</b> , 694, 133565	10.2	45
364	Interfacial interactions, crystallization and molecular mobility in nanocomposites of Poly(lactic acid) filled with new hybrid inclusions based on graphene oxide and silica nanoparticles. <i>Polymer</i> , <b>2019</b> , 166, 1-12	3.9	49
363	Preparation and characterization of Alendronate depot microspheres based on novel poly( $\epsilon$ -caprolactone)/Vitamin E TPGS copolymers. <i>International Journal of Pharmaceutics: X</i> , <b>2019</b> , 1, 100014	3.2	10
362	Cost Estimation of Polymeric Adsorbents. <i>Polymers</i> , <b>2019</b> , 11,	4.5	18
361	Kinetics of Crystallization and Thermal Degradation of an Isotactic Polypropylene Matrix Reinforced with Graphene/Glass-Fiber Filler. <i>Molecules</i> , <b>2019</b> , 24,	4.8	12
360	Biobased Engineering Thermoplastics: Poly(butylene 2,5-furandicarboxylate) Blends. <i>Polymers</i> , <b>2019</b> , 11,	4.5	8
359	Removal of antibiotics in aqueous media by using new synthesized bio-based poly(ethylene terephthalate)-TiO photocatalysts. <i>Chemosphere</i> , <b>2019</b> , 234, 746-755	8.4	47
358	Aprepitant Drug in Ternary Pharmaceutical Solid Dispersions with Soluplus $\square$ and Poloxamer 188 Prepared by Melt Mixing. <i>Sci</i> , <b>2019</b> , 1, 29	0.7	5
357	Thermal Decomposition Kinetics and Mechanism of In-Situ Prepared Bio-based Poly(propylene 2,5-furan dicarboxylate)/Graphene Nanocomposites. <i>Molecules</i> , <b>2019</b> , 24,	4.8	13
356	Paclitaxel Magnetic Core-Shell Nanoparticles Based on Poly(lactic acid) Semitelechelic Novel Block Copolymers for Combined Hyperthermia and Chemotherapy Treatment of Cancer. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	14
355	Nanomaterials and Chemical Modifications for Enhanced Key Wood Properties: A Review. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	53
354	Comparative evaluation of metallic skin staples or polypropylene sutures for primary closure of teat wounds in sheep. <i>New Zealand Veterinary Journal</i> , <b>2019</b> , 67, 234-240	1.7	1
353	Amorphous agomelatine stabilization in the presence of pyrogenic silica: Molecular mobility and intermolecular interaction studies. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2019</b> , 139, 291-300	5.7	5
352	Exploring Next-Generation Engineering Bioplastics: Poly(alkylene furanoate)/Poly(alkylene terephthalate) (PAF/PAT) Blends. <i>Polymers</i> , <b>2019</b> , 11,	4.5	26
351	Green polymeric materials: On the dynamic homogeneity and miscibility of furan-based polyester blends. <i>Polymer</i> , <b>2019</b> , 174, 187-199	3.9	21



350	Chitosan Grafted Adsorbents for Diclofenac Pharmaceutical Compound Removal from Single-Component Aqueous Solutions and Mixtures. <i>Polymers</i> , <b>2019</b> , 11,	4.5	23
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348	Evaluation of Dissolution Enhancement of Aprepitant Drug in Ternary Pharmaceutical Solid Dispersions with Soluplus <sup>®</sup> and Poloxamer 188 Prepared by Melt Mixing. <i>Sci</i> , <b>2019</b> , 1, 11	0.7	3
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346	Molecular modelling and simulation of fusion-based amorphous drug dispersions in polymer/plasticizer blends. <i>European Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 130, 260-268	5.1	12
345	Synthesis, Characterization, and Biodegradability of Novel Fully Biobased Poly(decamethylene-co-isosorbide 2,5-furandicarboxylate) Copolyesters with Enhanced Mechanical Properties. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 5501-5514	8.3	27
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331	Synthesis and characterization of two new biobased poly(pentylene 2,5-furandicarboxylate-co-caprolactone) and poly(hexamethylene 2,5-furandicarboxylate-co-caprolactone) copolyesters with enhanced enzymatic hydrolysis	4.7	13
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