

Vasilios Tsanaktsis

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,680
citations

361045

20
h-index

642321

23
g-index

23
all docs

23
docs citations

23
times ranked

831
citing authors

#	ARTICLE	IF	CITATIONS
1	Applying quality by design approach for the determination of potent paclitaxel loaded poly(lactic acid) based implants for localized tumor drug delivery. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2023, 72, 968-983.	1.8	1
2	Structure, thermal transitions and polymer dynamics in nanocomposites based on poly(μ -caprolactone) and nano-inclusions of 1-3D geometry. <i>Thermochimica Acta</i> , 2018, 666, 229-240.	1.2	22
3	Synthesis and Characterization of Bio-Based Polyesters: Poly(2-methyl-1,3-propylene-2,5-furanoate), Poly(isosorbide-2,5-furanoate), Poly(1,4-cyclohexanedimethylene-2,5-furanoate). <i>Materials</i> , 2017, 10, 801.	1.3	53
4	Fast Crystallization and Melting Behavior of a Long-Spaced Aliphatic Furandicarboxylate Biobased Polyester, Poly(dodecylene 2,5-furanoate). <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 5315-5326.	1.8	73
5	Biobased poly(ethylene furanoate-co-ethylene succinate) copolyesters: solid state structure, melting point depression and biodegradability. <i>RSC Advances</i> , 2016, 6, 84003-84015.	1.7	63
6	Thermal and structural response of in situ prepared biobased poly(ethylene 2,5-furan dicarboxylate) nanocomposites. <i>Polymer</i> , 2016, 103, 288-298.	1.8	70
7	New poly(pentylene furanoate) and poly(heptylene furanoate) sustainable polyesters from diols with odd methylene groups. <i>Materials Letters</i> , 2016, 178, 64-67.	1.3	67
8	Thermal degradation of biobased polyesters: Kinetics and decomposition mechanism of polyesters from 2,5-furandicarboxylic acid and long-chain aliphatic diols. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 117, 162-175.	2.6	59
9	Decomposition mechanism of polyesters based on 2,5-furandicarboxylic acid and aliphatic diols with medium and long chain methylene groups. <i>Polymer Degradation and Stability</i> , 2016, 132, 127-136.	2.7	45
10	A facile method to synthesize high molecular weight biobased polyesters from 2,5-furandicarboxylic acid and long chain diols. <i>Journal of Polymer Science Part A</i> , 2015, 53, 2617-2632.	2.5	90
11	Thermal degradation kinetics and decomposition mechanism of polyesters based on 2,5-furandicarboxylic acid and low molecular weight aliphatic diols. <i>Journal of Analytical and Applied Pyrolysis</i> , 2015, 112, 369-378.	2.6	94
12	Furan-based polyesters from renewable resources: Crystallization and thermal degradation behavior of poly(hexamethylene 2,5-furan-dicarboxylate). <i>European Polymer Journal</i> , 2015, 67, 383-396.	2.6	127
13	Synthesis of the bio-based polyester poly(propylene 2,5-furan dicarboxylate). Comparison of thermal behavior and solid state structure with its terephthalate and naphthalate homologues. <i>Polymer</i> , 2015, 62, 28-38.	1.8	165
14	Polycaprolactone/multi-wall carbon nanotube nanocomposites prepared by in situ ring opening polymerization: Decomposition profiling using thermogravimetric analysis and analytical pyrolysis-gas chromatography/mass spectrometry. <i>Journal of Analytical and Applied Pyrolysis</i> , 2015, 115, 125-131.	2.6	14
15	Effect of graphene oxide and its modification on the microstructure, thermal properties and enzymatic hydrolysis of poly(ethylene succinate) nanocomposites. <i>Thermochimica Acta</i> , 2015, 614, 116-128.	1.2	20
16	Amino-Functionalized Multiwalled Carbon Nanotubes Lead to Successful Ring-Opening Polymerization of Poly(μ -caprolactone): Enhanced Interfacial Bonding and Optimized Mechanical Properties. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 11683-11694.	4.0	21
17	On the bio-based furanic polyesters: Synthesis and thermal behavior study of poly(octylene) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 T</i> 2015, 68, 115-127.	2.6	49
18	Sustainable, eco-friendly polyesters synthesized from renewable resources: preparation and thermal characteristics of poly(dimethyl-propylene furanoate). <i>Polymer Chemistry</i> , 2015, 6, 8284-8296.	1.9	60

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19	Crystallization and Polymorphism of Poly(ethylene furanoate). <i>Crystal Growth and Design</i> , 2015, 15, 5505-5512.	1.4	94
20	Synthesis, properties and thermal behavior of poly(decylene-2,5-furanoate): a biobased polyester from 2,5-furan dicarboxylic acid. <i>RSC Advances</i> , 2015, 5, 74592-74604.	1.7	57
21	Crystallization of poly(butylene-2,6-naphthalate-co-butylene adipate) copolymers: regulating crystal modification of the polymorphic parent homopolymers and biodegradation. <i>CrystEngComm</i> , 2014, 16, 7963-7978.	1.3	34
22	Synthesis of poly(ethylene furandicarboxylate) polyester using monomers derived from renewable resources: thermal behavior comparison with PET and PEN. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 7946-7958.	1.3	247
23	Evaluation of polyesters from renewable resources as alternatives to the current fossil-based polymers. Phase transitions of poly(butylene 2,5-furan-dicarboxylate). <i>Polymer</i> , 2014, 55, 3846-3858.	1.8	155