

# Puttinan Meepowpan

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Dibutyltin(IV) maleate as a new effective initiator for the ring-opening polymerization of $\epsilon$ -caprolactone: the non-isothermal kinetics, mechanism, and initiator's performance in polymer synthesis. <i>Polymer Bulletin</i> , 2023, 80, 3911-3926.	3.3	4
2	Krabasinolide A with anti-HIVs activity from the leaves and twigs of <i>Croton krabas</i> . <i>Journal of Asian Natural Products Research</i> , 2022, 24, 761-768.	1.4	1
3	Influence of tin(II), aluminum(III) and titanium(IV) catalysts on the transesterification of poly(L-lactic) Tj ETQq1 1 0.784314 rgBT /Over	3.3	10
4	Determination of the activation parameters for the ring-opening polymerization of $\epsilon$ -caprolactone initiated by Sn(II) and Zn(II) chlorides using the fast technique of DSC. <i>Thermochimica Acta</i> , 2022, 710, 179160.	2.7	7
5	Kinetics and thermodynamics studies of the ring-opening polymerization of $\epsilon$ -caprolactone initiated by titanium(IV) alkoxides by isothermal differential scanning calorimetry. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2022, 135, 881.	1.7	1
6	Effects of 2,4-Dihydroxy-6-methoxy-3,5-dimethylchalcone from <i>Syzygium nervosum</i> Seeds on Antiproliferative, DNA Damage, Cell Cycle Arrest, and Apoptosis in Human Cervical Cancer Cell Lines. <i>Molecules</i> , 2022, 27, 1154.	3.8	8
7	Microwave-Assisted Extraction of Anticancer Flavonoid, 2,4-Dihydroxy-6-methoxy-3,5-dimethyl Chalcone (DMC), Rich Extract from <i>Syzygium nervosum</i> Fruits. <i>Molecules</i> , 2022, 27, 1397.	3.8	8
8	Pentagalloyl Glucose and Cisplatin Combination Treatment Exhibits a Synergistic Anticancer Effect in 2D and 3D Models of Head and Neck Carcinoma. <i>Pharmaceuticals</i> , 2022, 15, 830.	3.8	2
9	Eco-friendly synthesis of biodegradable poly( $\epsilon$ -caprolactone) using L-lactic and glycolic acids as organic initiator. <i>Polymer Bulletin</i> , 2021, 78, 7089-7101.	3.3	10
10	Kaempferia Sp. Extracts as UV Protecting and Antioxidant Agents in Sunscreen. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2021, 27, 37-56.	1.1	9
11	In Vitro Screening for Cytotoxic, Anti-bacterial, Anti-HIV1-RT Activities and Chemical Constituents of <i>Croton fluviatilis</i> , <i>Croton acutifolius</i> , and <i>Croton thorelii</i> . <i>Natural Products Journal</i> , 2021, 11, .	0.3	0
12	Ring-opening polymerization of $\epsilon$ -caprolactone initiated by tin(II) octoate/n-hexanol: DSC isoconversional kinetics analysis and polymer synthesis. <i>Designed Monomers and Polymers</i> , 2021, 24, 89-97.	1.6	7
13	Synthesis and application of methyl itaconate-anthracene adducts in configuration assignment of chiral secondary alcohols by <sup>1</sup> H NMR. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 8955-8967.	2.8	2
14	Synthesis, cytotoxicity evaluation and molecular docking studies on 2,4-dihydroxy-6-methoxy-3,5-dimethylchalcone derivatives. <i>RSC Advances</i> , 2021, 11, 31433-31447.	3.6	4
15	Novel Poly(Methylenelactide-g-L-Lactide) Graft Copolymers Synthesized by a Combination of Vinyl Addition and Ring-Opening Polymerizations. <i>Polymers</i> , 2021, 13, 3374.	4.5	3
16	Development of an Antimicrobial-Coated Absorbable Monofilament Suture from a Medical-Grade Poly(L-lactide-co- $\epsilon$ -caprolactone) Copolymer. <i>ACS Omega</i> , 2021, 6, 28788-28803.	3.5	12
17	Organocatalytic Ring-Opening Polymerization of $\epsilon$ -Caprolactone Using		

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19	Physical and thermal properties of $\epsilon$ -lactide/ $\epsilon$ -caprolactone copolymers: the role of microstructural design. <i>Polymer International</i> , 2020, 69, 248-256.	3.1	8
20	Superiority of an Asymmetric Perylene Diimide in Terms of Hydrosolubility, G-Quadruplex Binding, Cellular Uptake, and Telomerase Inhibition in Prostate Cancer Cells. <i>ACS Omega</i> , 2020, 5, 29733-29745.	3.5	6
21	Commercial Copper-Catalyzed Aerobic Oxidative Synthesis of Quinazolinones from 2-Aminobenzamide and Methanol. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2730-2734.	2.4	24
22	Transesterification of palm oil into biodiesel using ChOH ionic liquid in a microwave heated continuous flow reactor. <i>Renewable Energy</i> , 2020, 154, 925-936.	8.9	30
23	Iron (III)-Quercetin Complex: Synthesis, Physicochemical Characterization, and MRI Cell Tracking toward Potential Applications in Regenerative Medicine. <i>Contrast Media and Molecular Imaging</i> , 2020, 2020, 1-22.	0.8	26
24	Chemical Composition and Biological Activities from <i>Croton delpyi</i> <i>Croton decalvatus</i> and <i>Croton caudatus</i> . <i>Natural Products Journal</i> , 2020, 10, .	0.3	1
25	Efficiency of liquid tin(II)-alkoxide initiators in the ring-opening polymerization of $\epsilon$ -lactide: kinetic studies by non-isothermal differential scanning calorimetry. <i>RSC Advances</i> , 2020, 10, 43566-43578.	3.6	12
26	Synthesis and characterization of novel chiral derivatizing agents containing $\beta$ -keto-anthracene adducts (KAAs) by 1H-NMR: aromatic influence and chiral alcohol absolute configuration determination. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 541-554.	2.8	1
27	Dihydroosajaxanthone: A New Natural Xanthone from the Branches of a Pierre. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 1347-1352.	0.5	4
28	Enhanced crystallization, thermal properties, and hydrolysis resistance of poly(L-lactic acid) and its stereocomplex by incorporation of graphene nanoplatelets. <i>Polymer Testing</i> , 2017, 61, 229-239.	4.8	26
29	Flavones from Aerial Parts of <i>Polyalthia bullata</i> and Cytotoxicity Against Cancer Cell Lines. <i>Chemistry of Natural Compounds</i> , 2017, 53, 762-763.	0.8	7
30	Tin(II) n-butyl $\epsilon$ -lactate as novel initiator for the ring-opening polymerization of $\epsilon$ -caprolactone: Kinetics and aggregation equilibrium analysis by non-isothermal DSC. <i>Thermochimica Acta</i> , 2017, 655, 337-343.	2.7	9
31	Kinetic and mechanistic investigation of the ring-opening polymerization of $\epsilon$ -lactide initiated by nBu <sub>3</sub> SnOBu using 1H-NMR. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2016, 119, 381-392.	1.7	7
32	Rapid activity prediction of HIV-1 integrase inhibitors: harnessing docking energetic components for empirical scoring by chemometric and artificial neural network approaches. <i>Journal of Computer-Aided Molecular Design</i> , 2016, 30, 471-488.	2.9	2
33	Theoretical study of efficiency comparison of Ti (IV) alkoxides as initiators for ring-opening polymerization of $\epsilon$ -caprolactone. <i>Computational and Theoretical Chemistry</i> , 2016, 1090, 17-22.	2.5	6
34	DSC Kinetics Analysis for the Synthesis of Three-Arms Poly( $\epsilon$ -caprolactone) Using Aluminum Tri- <i>tert</i> -butoxide as Initiator. <i>International Journal of Chemical Kinetics</i> , 2015, 47, 734-743.	1.6	9
35	Synthesis and copolymerization of oligo(lactic acid) derived norbornene macromonomers with amino acid derived norbornene monomer: Formation of the 3D macroporous scaffold. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1660-1670.	2.3	5
36	Kinetics and thermodynamics analysis for ring-opening polymerization of $\epsilon$ -caprolactone initiated by tributyltin n-butoxide using differential scanning calorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 119, 567-579.	3.6	13

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37	Stereocomplexation of PLL/PDL-PEG-PDL blends: Effects of blend morphology on film toughness. <i>European Polymer Journal</i> , 2015, 69, 308-318.	5.4	19
38	Effects of alkoxide alteration on the ring-opening polymerization of $\epsilon$ -caprolactone initiated by n-Bu <sub>3</sub> SnOR: a DFT study. <i>Structural Chemistry</i> , 2015, 26, 695-703.	2.0	13
39	Effect of tributyltin alkoxides chain length on the ring-opening polymerization of $\epsilon$ -caprolactone: Kinetics studies by non-isothermal DSC. <i>Thermochimica Acta</i> , 2015, 599, 1-7.	2.7	13
40	Theoretical study on the mechanism and kinetics of ring-opening polymerization of cyclic esters initiated by tin(II) n-butoxide. <i>Computational and Theoretical Chemistry</i> , 2014, 1044, 29-35.	2.5	30
41	Tin (IV) alkoxide initiator design for poly (d-lactide) synthesis using DFT calculations. <i>Computational and Theoretical Chemistry</i> , 2013, 1020, 121-126.	2.5	15
42	Theoretical investigation on the mechanism and kinetics of the ring-opening polymerization of $\epsilon$ -caprolactone initiated by tin(II) alkoxides. <i>Journal of Molecular Modeling</i> , 2013, 19, 5377-5385.	1.8	22
43	Effects of copolymer microstructure on the properties of electrospun poly(l-lactide-co- $\epsilon$ -caprolactone) absorbable nerve guide tubes. <i>Journal of Applied Polymer Science</i> , 2013, 130, n/a-n/a.	2.6	11
44	Aristolactam-Type Alkaloids from <i>Orophea enterocarpa</i> and Their Cytotoxicities. <i>International Journal of Molecular Sciences</i> , 2012, 13, 5010-5018.	4.1	17
45	Genotoxicity and antigenotoxicity of the methanol extract of <i>Cleistocalyx nervosum</i> var. <i>paniala</i> seed using a <i>Salmonella</i> mutation assay and rat liver micronucleus tests. <i>Molecular and Cellular Toxicology</i> , 2012, 8, 19-24.	1.7	24
46	Isoconversional kinetic analysis of ring-opening polymerization of $\epsilon$ -caprolactone: Steric influence of titanium(IV) alkoxides as initiators. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	25
47	Synthesis of racemic and optically active forms of novel antimalarial agents, spirocyclopentanone-anthracene adducts, via tandem Michael addition-Dieckmann condensation reactions as the key steps. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 357-363.	1.8	3
48	New Clerodane Diterpenoid from the Bulbils of <i>Dioscorea bulbifera</i> . <i>Natural Product Communications</i> , 2011, 6, 1934578X1100600.	0.5	3
49	A New Azafluorenone from the Roots of <i>Polyalthia cerasoides</i> and its Biological Activity. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000501.	0.5	8
50	Syntheses of methylenolactocin and nephrosterinic acid via diastereoselective acylation and chemoselective reduction-lactonization. <i>Tetrahedron</i> , 2009, 65, 6382-6389.	1.9	17
51	Sulfonation of papain-treated chitosan and its mechanism for anticoagulant activity. <i>Carbohydrate Research</i> , 2009, 344, 1190-1196.	2.3	54
52	In vitro screening for anthelmintic and antitumour activity of ethnomedicinal plants from Thailand. <i>Journal of Ethnopharmacology</i> , 2009, 123, 475-482.	4.1	88
53	An Environmentally Friendly, Low Cost, One-Pot Synthesis of Artemisitene. <i>Synthetic Communications</i> , 2003, 33, 1855-1860.	2.1	7
54	Synthesis of both enantiomers of methylenolactocin, nephrosterinic acid and protolichesterinic acid via tandem aldol-lactonization reactions. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1913-1922.	1.8	35

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55	An aldol - bislactonization route to $\hat{\pm}$ -methylene bis- $\hat{\beta}$ -butyrolactones. Tetrahedron, 1998, 54, 14341-14358.	1.9	27
56	Hydrosoluble Perylene Monoimide-Based Telomerase Inhibitors with Diminished Cytotoxicity. ACS Omega, 0, , .	3.5	0