

# Nuttapol Tanadchangsaeng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3770536/publications.pdf>

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15  
papers

269  
citations

1307366

7  
h-index

1199470

12  
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15  
docs citations

15  
times ranked

291  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial synthesis of polyhydroxybutyrate from glycerol: Gluconeogenesis, molecular weight and material properties of biopolyester. <i>Biotechnology and Bioengineering</i> , 2012, 109, 2808-2818.	1.7	92
2	Identification, Biosynthesis, and Characterization of Polyhydroxyalkanoate Copolymer Consisting of 3-Hydroxybutyrate and 3-Hydroxy-4-methylvalerate. <i>Biomacromolecules</i> , 2009, 10, 2866-2874.	2.6	67
3	Comonomer Compositional Distribution, Physical Properties, and Enzymatic Degradability of Bacterial Poly(3-hydroxybutyrate-co-3-hydroxy-4-methylvalerate) Copolyesters. <i>Biomacromolecules</i> , 2010, 11, 1615-1622.	2.6	35
4	Bioink hydrogel from fish scale gelatin blended with alginate for 3D bioprinting application. <i>Journal of Food Processing and Preservation</i> , 2022, 46, e15864.	0.9	13
5	Miscibility of natural polyhydroxyalkanoate blend with controllable material properties. <i>Journal of Applied Polymer Science</i> , 2013, 129, 2004-2016.	1.3	12
6	Evaluation of 3D-Printing Scaffold Fabrication on Biosynthetic Medium-Chain-Length Polyhydroxyalkanoate Terpolyester as Biomaterial-Ink. <i>Polymers</i> , 2021, 13, 2222.	2.0	10
7	Electrospun Fibers of Polybutylene Succinate/Graphene Oxide Composite for Syringe-Push Protein Absorption Membrane. <i>Polymers</i> , 2021, 13, 2042.	2.0	8
8	Porous Hydroxyapatite-Polyhydroxybutyrate Composites Fabricated by a Novel Method Via Centrifugation. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2013, , 63-71.	0.3	7
9	Modified Poly(Lactic Acid) Epoxy Resin Using Chitosan for Reactive Blending with Epoxidized Natural Rubber: Analysis of Annealing Time. <i>Polymers</i> , 2022, 14, 1085.	2.0	6
10	Chemomechanical and morphological properties with proliferation of keratinocyte cells of electrospun polyhydroxyalkanoate fibers incorporated with essential oil. <i>Polymers for Advanced Technologies</i> , 2018, 29, 2364-2372.	1.6	5
11	Biodegradable Electrode patch made of Graphene/PHA for ECG detecting Applications. , 2019, , .		5
12	Thermal stability and degradation of biological terpolyesters over a broad temperature range. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	3
13	Evaluation of Biodegradabilities of Biosynthetic Polyhydroxyalkanoates in Thailand Seawater and Toxicity Assessment of Environmental Safety Levels. <i>Polymers</i> , 2022, 14, 428.	2.0	3
14	Design Simulation and Fabrication of 3D Bioprinting Artificial Tendon from Elastomer for Soft Tissue Composite. , 2019, , .		2
15	Proteomic Examination for Gluconeogenesis Pathway-Shift during Polyhydroxyalkanoate Formation in <i>Cupriavidus necator</i> Grown on Glycerol. <i>Bioengineering</i> , 2020, 7, 154.	1.6	1