

# Pahweenvaj Ratnatilaka Na Bhuket

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2158202/publications.pdf>

Version: 2024-02-01

18  
papers

614  
citations

687220

13  
h-index

839398

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

875  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chitosan-based polymer hybrids for thermo-responsive nanogel delivery of curcumin. <i>Carbohydrate Polymers</i> , 2018, 181, 1119-1127.	5.1	126
2	Chitosan/alginate nanoparticles as a promising approach for oral delivery of curcumin diglutaric acid for cancer treatment. <i>Materials Science and Engineering C</i> , 2018, 93, 178-190.	3.8	120
3	Chitosan/alginate nanoparticles as a promising carrier of novel curcumin diethyl diglutarate. <i>International Journal of Biological Macromolecules</i> , 2019, 131, 1125-1136.	3.6	64
4	Enhancement of Curcumin Bioavailability Via the Prodrug Approach: Challenges and Prospects. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2017, 42, 341-353.	0.6	38
5	A curcumin-diglutaric acid conjugated prodrug with improved water solubility and antinociceptive properties compared to curcumin. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 1301-1308.	0.6	37
6	Protective Effects of Curcumin Ester Prodrug, Curcumin Diethyl Disuccinate against H <sub>2</sub> O <sub>2</sub> -Induced Oxidative Stress in Human Retinal Pigment Epithelial Cells: Potential Therapeutic Avenues for Age-Related Macular Degeneration. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3367.	1.8	33
7	Curcumin diethyl disuccinate, a prodrug of curcumin, enhances anti-proliferative effect of curcumin against HepG2 cells via apoptosis induction. <i>Scientific Reports</i> , 2019, 9, 11718.	1.6	30
8	Simultaneous determination of curcumin diethyl disuccinate and its active metabolite curcumin in rat plasma by LC-MS/MS: Application of esterase inhibitors in the stabilization of an ester-containing prodrug. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1033-1034, 301-310.	1.2	28
9	Exploring Novel Cocrystalline Forms of Oxysresveratrol to Enhance Aqueous Solubility and Permeability across a Cell Monolayer. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 1004-1012.	0.6	22
10	Self-Assembled Thermoresponsive Nanogel from Grafted Hyaluronic Acid as a Biocompatible Delivery Platform for Curcumin with Enhanced Drug Loading and Biological Activities. <i>Polymers</i> , 2021, 13, 194.	2.0	22
11	Polyethylene Glycol-Chitosan Oligosaccharide-Coated Superparamagnetic Iron Oxide Nanoparticles: A Novel Drug Delivery System for Curcumin Diglutaric Acid. <i>Biomolecules</i> , 2020, 10, 73.	1.8	21
12	Interspecies differences in stability kinetics and plasma esterases involved in hydrolytic activation of curcumin diethyl disuccinate, a prodrug of curcumin. <i>RSC Advances</i> , 2019, 9, 4626-4634.	1.7	20
13	Bacterial Expression of a Single-Chain Variable Fragment (scFv) Antibody against Ganoderic Acid A: A Cost-Effective Approach for Quantitative Analysis Using the scFv-Based Enzyme-Linked Immunosorbent Assay. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 1767-1774.	0.6	15
14	Scale-Up Synthesis and In Vivo Anti-Tumor Activity of Curcumin Diethyl Disuccinate, an Ester Prodrug of Curcumin, in HepG2-Xenograft Mice. <i>Pharmaceutics</i> , 2019, 11, 373.	2.0	12
15	A stability-indicating UPLC method for the determination of curcumin diethyl disuccinate, an ester prodrug of curcumin, in raw materials. <i>Heliyon</i> , 2020, 6, e04561.	1.4	11
16	A Novel Curcumin-Mycophenolic Acid Conjugate Inhibited Hyperproliferation of Tumor Necrosis Factor-Alpha-Induced Human Keratinocyte Cells. <i>Pharmaceutics</i> , 2021, 13, 956.	2.0	9
17	Chemical modification of enveloped viruses for biomedical applications. <i>Integrative Biology (United Tj ETQq1 1 0.784314 rgBT /Overbo</i>	0.6	4
18	In Vitro Hepatic Metabolism of Curcumin Diethyl Disuccinate by Liver S9 from Different Animal Species. <i>Frontiers in Pharmacology</i> , 2020, 11, 577998.	1.6	2