

Cleofe Palocci

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,567
citations

257450

24
h-index

315739

38
g-index

52
all docs

52
docs citations

52
times ranked

2489
citing authors

#	ARTICLE	IF	CITATIONS
1	Chitosan-coated PLGA nanoparticles: A sustained drug release strategy for cell cultures. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 103, 310-317.	5.0	117
2	Endocytic pathways involved in PLGA nanoparticle uptake by grapevine cells and role of cell wall and membrane in size selection. <i>Plant Cell Reports</i> , 2017, 36, 1917-1928.	5.6	84
3	Osmosis Based Method Drives the Self-Assembly of Polymeric Chains into Micro- and Nanostructures. <i>Langmuir</i> , 2009, 25, 11940-11946.	3.5	72
4	Two isoflavones and a flavone from the fruits of <i>Maclura pomifera</i> . <i>Phytochemistry</i> , 1994, 37, 893-898.	2.9	68
5	Lipase-supported synthesis of peptidic hydrogels. <i>Soft Matter</i> , 2010, 6, 2525.	2.7	62
6	Porous Biomaterials Obtained Using Supercritical CO ₂ -Water Emulsions. <i>Langmuir</i> , 2007, 23, 8243-8251.	3.5	60
7	Lipolytic Enzymes with Improved Activity and Selectivity upon Adsorption on Polymeric Nanoparticles. <i>Biomacromolecules</i> , 2007, 8, 3047-3053.	5.4	57
8	Structure-activity relationships of <i>Candida rugosa</i> lipase immobilized on polylactic acid nanoparticles. <i>Soft Matter</i> , 2011, 7, 2653.	2.7	56
9	<i>Candida rugosa</i> lipase immobilization on hydrophilic charged gold nanoparticles as promising biocatalysts: Activity and stability investigations. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 131, 93-101.	5.0	53
10	Tuning <i>Pseudomonas cepacea</i> lipase (PCL) activity in supercritical fluids. <i>Journal of Supercritical Fluids</i> , 2005, 33, 193-199.	3.2	52
11	Chitosan-DNA complexes: Charge inversion and DNA condensation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 114, 1-10.	5.0	47
12	Microfluidic-assisted nanoprecipitation of antiviral-loaded polymeric nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 532, 369-376.	4.7	42
13	Functional polymeric nanoparticles for dexamethasone loading and release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 93, 59-66.	5.0	41
14	Poly(lactic-co-glycolic) acid nanoparticles uptake by <i>Vitis vinifera</i> and grapevine-pathogenic fungi. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	41
15	Controlled release of 18-glycyrrhetic acid by nanodelivery systems increases cytotoxicity on oral carcinoma cell line. <i>Nanotechnology</i> , 2018, 29, 285101.	2.6	40
16	Designing unconventional Fmoc-peptide-based biomaterials: structure and related properties. <i>Soft Matter</i> , 2014, 10, 1944.	2.7	37
17	A novel method to obtain chitosan/DNA nanospheres and a study of their release properties. <i>Nanotechnology</i> , 2008, 19, 055302.	2.6	35
18	Lipase-catalyzed regioselective acylation of tritylglycosides in supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2008, 45, 88-93.	3.2	33

#	ARTICLE	IF	CITATIONS
19	Self-assembling peptide hydrogels promote microglial cells proliferation and NGF production. <i>Soft Matter</i> , 2012, 8, 5784.	2.7	32
20	A modular microfluidic platform for the synthesis of biopolymeric nanoparticles entrapping organic actives. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	32
21	Chitosan-DNA complexes: Effect of molecular parameters on the efficiency of delivery. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 460, 184-190.	4.7	32
22	Lipolytic isoenzymes from <i>Euphorbia latex</i> . <i>Plant Science</i> , 2003, 165, 577-582.	3.6	29
23	Chitosan based nanoparticles functionalized with peptidomimetic derivatives for oral drug delivery. <i>New Biotechnology</i> , 2016, 33, 23-31.	4.4	29
24	Olive Mill Wastes: A Source of Bioactive Molecules for Plant Growth and Protection against Pathogens. <i>Biology</i> , 2020, 9, 450.	2.8	29
25	Extraction of Carotenoids and Fat-Soluble Vitamins from <i>Tetrademus Obliquus</i> Microalgae: An Optimized Approach by Using Supercritical CO ₂ . <i>Molecules</i> , 2019, 24, 2581.	3.8	27
26	Anti-Candida Biofilm Activity of Pterostilbene or Crude Extract from Non-Fermented Grape Pomace Entrapped in Biopolymeric Nanoparticles. <i>Molecules</i> , 2019, 24, 2070.	3.8	26
27	Latex lipase of <i>Euphorbia characias L.</i> : An aspecific acylhydrolase with several isoforms. <i>Plant Science</i> , 2007, 172, 722-727.	3.6	23
28	Biosynthesis and Characterization of Cross-Linked Fmoc Peptide-Based Hydrogels for Drug Delivery Applications. <i>Gels</i> , 2015, 1, 179-193.	4.5	22
29	Improved stability and efficacy of chitosan/pDNA complexes for gene delivery. <i>Biotechnology Letters</i> , 2015, 37, 557-565.	2.2	21
30	Biofabrication of genipin-crosslinked peptide hydrogels and their use in the controlled delivery of naproxen. <i>New Biotechnology</i> , 2017, 37, 138-143.	4.4	21
31	Microfluidic synthesis of methyl jasmonate-loaded PLGA nanocarriers as a new strategy to improve natural defenses in <i>Vitis vinifera</i> . <i>Scientific Reports</i> , 2019, 9, 18322.	3.3	21
32	High yield and optical purity in biocatalysed acylation of trans-2-phenyl-1-cyclohexanol with <i>Candida rugosa</i> lipase in non-conventional media. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 1999, 6, 495-503.	1.8	19
33	An approach to address <i>Candida rugosa</i> lipase regioselectivity in the acylation reactions of trytilated glucosides. <i>Journal of Biotechnology</i> , 2007, 128, 908-918.	3.8	19
34	Biosynthesis of innovative calcium phosphate/hydrogel composites: physicochemical and biological characterisation. <i>Nanotechnology</i> , 2021, 32, 095102.	2.6	18
35	A physico-chemical approach to the study of genipin crosslinking of biofabricated peptide hydrogels. <i>Process Biochemistry</i> , 2018, 70, 110-116.	3.7	15
36	A novel approach to control <i>Botrytis cinerea</i> fungal infections: uptake and biological activity of antifungals encapsulated in nanoparticle based vectors. <i>Scientific Reports</i> , 2022, 12, 7989.	3.3	15

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37	Monoclonal antibodies against <i>Candida rugosa</i> lipase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2004, 28, 71-74.	1.8	14
38	Dexamethasone-loaded biopolymeric nanoparticles promote gingival fibroblasts differentiation. <i>Biotechnology Progress</i> , 2015, 31, 1381-1387.	2.6	14
39	Evaluation of novel Fmoc-tripeptide based hydrogels as immobilization supports for electrochemical biosensors. <i>Microchemical Journal</i> , 2018, 137, 105-110.	4.5	14
40	Lipase-catalyzed regioselective acylation of resorcin[4]arenes. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2002, 16, 241-247.	1.8	13
41	Stabilization of Iron (Micro)Particles with Polyhydroxybutyrate for In Situ Remediation Applications. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 417.	2.5	13
42	Biosynthesis and characterization of a novel Fmoc-tetrapeptide-based hydrogel for biotechnological applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 532, 535-540.	4.7	11
43	PLGA based particles as drug reservoir for antitumor drug delivery: characterization and cytotoxicity studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 180, 495-502.	5.0	10
44	Adsorption of <i>Candida rugosa</i> lipase at water-polymer interface: The case of poly(DL)lactide. <i>Surface Science</i> , 2011, 605, 2017-2024.	1.9	9
45	Positively charged biopolymeric nanoparticles for the inhibition of <i>Pseudomonas aeruginosa</i> biofilms. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	8
46	Noble metal nanoparticle-based networks as a new platform for lipase immobilization. <i>International Journal of Biological Macromolecules</i> , 2020, 146, 790-797.	7.5	8
47	Supercritical CO ₂ extraction of oleanolic acid from grape pomace. <i>International Journal of Food Science and Technology</i> , 2013, 48, 1854-1860.	2.7	7
48	Biosynthesis and physico-chemical characterization of high performing peptide hydrogels@graphene oxide composites. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 207, 111989.	5.0	6
49	Controlled Release of 18- ² -Glycyrrhetic Acid from Core-Shell Nanoparticles: Effects on Cytotoxicity and Intracellular Concentration in HepG2 Cell Line. <i>Materials</i> , 2021, 14, 3893.	2.9	5
50	Lipase enhanced catalytic efficiency in lactonisation reactions. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2001, 16, 1-5.	1.8	4
51	Hybrid Systems Biomolecule-Polymeric Nanoparticle: Synthesis, Properties and Biotechnological Applications. , 2010, , 219-259.		2
52	Polymeric Nanoparticles Decorated with Monoclonal Antibodies: A New Immobilization Strategy for Increasing Lipase Activity. <i>Catalysts</i> , 2021, 11, 744.	3.5	2