

Gemma Gutierrez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8474047/publications.pdf>

Version: 2024-02-01

25
papers

650
citations

687220

13
h-index

580701

25
g-index

25
all docs

25
docs citations

25
times ranked

936
citing authors

#	ARTICLE	IF	CITATIONS
1	Therapeutic biomaterials based on extracellular vesicles: classification of bioengineering and mimetic preparation routes. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1422676.	5.5	128
2	O/W emulsions stabilized by OSA-modified starch granules versus non-ionic surfactant: Stability, rheological behaviour and resveratrol encapsulation. <i>Journal of Food Engineering</i> , 2018, 222, 207-217.	2.7	77
3	Effect of drug molecular weight on niosomes size and encapsulation efficiency. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 186, 110711.	2.5	58
4	Microemulsion Synthesis of Superparamagnetic Nanoparticles for Bioapplications. <i>International Journal of Molecular Sciences</i> , 2021, 22, 427.	1.8	54
5	Extracellular Vesicles: Current Analytical Techniques for Detection and Quantification. <i>Biomolecules</i> , 2020, 10, 824.	1.8	45
6	Resveratrol loaded Pickering emulsions stabilized by OSA modified rice starch granules. <i>Food Research International</i> , 2021, 139, 109837.	2.9	39
7	Synthesis of Starch Nanoparticles and Their Applications for Bioactive Compound Encapsulation. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4547.	1.3	26
8	Effect of temperature on the heat treatment to recover green solvent from emulsion liquid membranes used in the extraction of Cr(VI). <i>Chemical Engineering and Processing: Process Intensification</i> , 2020, 158, 108178.	1.8	22
9	The Effect of Emulsifiers on the Emulsion Stability and Extraction Efficiency of Cr(VI) Using Emulsion Liquid Membranes (ELMs) Formulated with a Green Solvent. <i>Membranes</i> , 2020, 10, 76.	1.4	22
10	Nanotechnology for Natural Medicine: Formulation of Neem Oil Loaded Phospholipid Vesicles Modified with Argan Oil as a Strategy to Protect the Skin from Oxidative Stress and Promote Wound Healing. <i>Antioxidants</i> , 2021, 10, 670.	2.2	21
11	Vitamin D3 Loaded Niosomes and Transfersomes Produced by Ethanol Injection Method: Identification of the Critical Preparation Step for Size Control. <i>Foods</i> , 2020, 9, 1367.	1.9	17
12	Enhancing trans-Resveratrol loading capacity by forcing W1/O/W2 emulsions up to its colloidal stability limit. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 193, 111130.	2.5	17
13	Vesicles as antibiotic carrier: State of art. <i>International Journal of Pharmaceutics</i> , 2020, 585, 119478.	2.6	17
14	Simultaneous encapsulation of <i>trans</i> -resveratrol and vitamin D ₃ in highly concentrated double emulsions. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 3654-3664.	1.7	14
15	Cholesterol free niosome production by microfluidics: Comparative with other conventional methods. <i>Chemical Engineering Research and Design</i> , 2020, 162, 162-171.	2.7	13
16	The Effect of pH and Storage Temperature on the Stability of Emulsions Stabilized by Rapeseed Proteins. <i>Foods</i> , 2021, 10, 1657.	1.9	12
17	Preservation of the Antioxidant Capacity of Resveratrol via Encapsulation in Niosomes. <i>Foods</i> , 2021, 10, 988.	1.9	11
18	Encapsulation of Pomegranate Peel Extract (<i>Punica granatum L.</i>) by Double Emulsions: Effect of the Encapsulation Method and Oil Phase. <i>Foods</i> , 2022, 11, 310.	1.9	10

#	ARTICLE	IF	CITATIONS
19	Cu Nanoparticle-Loaded Nanovesicles with Antibiofilm Properties. Part I: Synthesis of New Hybrid Nanostructures. <i>Nanomaterials</i> , 2020, 10, 1542.	1.9	9
20	Electrodecoration and Characterization of Superparamagnetic Iron Oxide Nanoparticles with Bioactive Synergistic Nanocopper: Magnetic Hyperthermia-Induced Ionic Release for Anti-Biofilm Action. <i>Antibiotics</i> , 2021, 10, 119.	1.5	8
21	Nano-Encapsulation of Mithramycin in Transfersomes and Polymeric Micelles for the Treatment of Sarcomas. <i>Journal of Clinical Medicine</i> , 2021, 10, 1358.	1.0	8
22	Selected Tetraspanins Functionalized Niosomes as Potential Standards for Exosome Immunoassays. <i>Nanomaterials</i> , 2020, 10, 971.	1.9	8
23	Addition of Trans-Resveratrol-Loaded Highly Concentrated Double Emulsion to Yoghurts: Effect on Physicochemical Properties. <i>International Journal of Molecular Sciences</i> , 2022, 23, 85.	1.8	6
24	The Effect of Precipitation pH on Protein Recovery Yield and Emulsifying Properties in the Extraction of Protein from Cold-Pressed Rapeseed Press Cake. <i>Molecules</i> , 2022, 27, 2957.	1.7	5
25	Lipid-Polymer Hybrids Encapsulating Iron-Oxide Nanoparticles as a Label for Lateral Flow Immunoassays. <i>Biosensors</i> , 2021, 11, 218.	2.3	3