

# HÃ©lÃ¨ne Greige-Gerges

## List of Publications by Year in descending order

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96  
papers

4,718  
citations

101543

36  
h-index

102487

66  
g-index

97  
all docs

97  
docs citations

97  
times ranked

5904  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bicelles as a carrier for bioactive compounds in beverages: application to nerolidol, an active sesquiterpene alcohol. <i>Journal of Food Science and Technology</i> , 2022, 59, 1030-1039.	2.8	1
2	Eugenol encapsulation into conventional liposomes and chitosan-coated liposomes: A comparative study. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 67, 102942.	3.0	10
3	Effect of cysteamine hydrochloride-loaded liposomes on skin depigmenting and penetration. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 168, 106082.	4.0	8
4	Nanoparticles/nanoplatform to carry and deliver the drug molecules to the target site. , 2021, , 249-266.		4
5	Elastic moduli of lipid membranes: Reproducibility of AFM measures. <i>Chemistry and Physics of Lipids</i> , 2021, 234, 105011.	3.2	15
6	Chitosan-Coating Effect on the Characteristics of Liposomes: A Focus on Bioactive Compounds and Essential Oils: A Review. <i>Processes</i> , 2021, 9, 445.	2.8	48
7	Basics and properties of deep eutectic solvents: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 3397-3408.	16.2	329
8	Liposome Permeability to Essential Oil Components: A Focus on Cholesterol Content. <i>Journal of Membrane Biology</i> , 2021, 254, 381-395.	2.1	5
9	Microextraction of bioactive compounds using deep eutectic solvents: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 3747-3759.	16.2	44
10	Methods for Extraction of Bioactive Compounds from Plant and Animal Matter Using Deep Eutectic Solvents. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 183-240.	0.5	3
11	Pentacyclic triterpenes modulate liposome membrane fluidity and permeability depending on membrane cholesterol content. <i>International Journal of Pharmaceutics</i> , 2021, 610, 121232.	5.2	4
12	Apiaceae Essential Oils: Boosters of Terbinafine Activity against Dermatophytes and Potent Anti-Inflammatory Effectors. <i>Plants</i> , 2021, 10, 2378.	3.5	7
13	Understanding the Basics and Properties of Deep Eutectic Solvents. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 1-40.	0.5	4
14	Encapsulation of $\alpha$ -Pinene in Delivery Systems Based on Liposomes and Cyclodextrins. <i>Molecules</i> , 2021, 26, 6840.	3.8	6
15	Honokiol and Magnolol: Insights into Their Antidermatophytic Effects. <i>Plants</i> , 2021, 10, 2522.	3.5	6
16	P-glycoprotein modulates oleanolic acid effects in hepatocytes cancer cells and zebrafish embryos. <i>Chemico-Biological Interactions</i> , 2020, 315, 108892.	4.0	12
17	Antibacterial activity of free or encapsulated selected phenylpropanoids against <i>Escherichia coli</i> and <i>Staphylococcus epidermidis</i> . <i>Journal of Applied Microbiology</i> , 2020, 128, 710-720.	3.1	17
18	Development of cysteamine loaded liposomes in liquid and dried forms for improvement of cysteamine stability. <i>International Journal of Pharmaceutics</i> , 2020, 589, 119721.	5.2	9

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19	Effect of dimethylsulfoxide, ethanol, $\beta$ - and $\gamma$ -cyclodextrins and their association on the solubility of natural bioactive compounds. <i>Journal of Molecular Liquids</i> , 2020, 310, 113156.	4.9	12
20	Retention of Eucalyptol, a Natural Volatile Insecticide, in Delivery Systems Based on Hydroxypropyl- $\beta$ -Cyclodextrin and Liposomes. <i>European Journal of Lipid Science and Technology</i> , 2020, 122, 1900402.	1.5	7
21	Liposomal membrane permeability assessment by fluorescence techniques: Main permeabilizing agents, applications and challenges. <i>International Journal of Pharmaceutics</i> , 2020, 580, 119198.	5.2	29
22	Challenges for cysteamine stabilization, quantification, and biological effects improvement. <i>Journal of Pharmaceutical Analysis</i> , 2020, 10, 499-516.	5.3	54
23	First investigation of liposomes behavior and phospholipids organization in choline chloride-based deep eutectic solvents by atomic force microscopy. <i>Journal of Molecular Liquids</i> , 2020, 306, 112851.	4.9	4
24	Recent advances in tackling microbial multidrug resistance with essential oils: combinatorial and nano-based strategies. <i>Critical Reviews in Microbiology</i> , 2020, 46, 338-357.	6.1	54
25	Human serum albumin nanoparticles as nanovector carriers for proteins: Application to the antibacterial proteins $\alpha$ -neutrophil elastase and $\alpha$ -secretory leukocyte protease inhibitor. <i>International Journal of Pharmaceutics</i> , 2020, 579, 119150.	5.2	25
26	Drug-in-hydroxypropyl- $\beta$ -cyclodextrin-in-lipoid S100/cholesterol liposomes: Effect of the characteristics of essential oil components on their encapsulation and release. <i>International Journal of Pharmaceutics</i> , 2020, 579, 119151.	5.2	22
27	Cyclodextrins: from solute to solvent. <i>Chemical Communications</i> , 2020, 56, 3385-3388.	4.1	47
28	New generation of supramolecular mixtures: Characterization and solubilization studies. <i>International Journal of Pharmaceutics</i> , 2020, 584, 119443.	5.2	30
29	Encapsulation in cyclodextrins to widen the applications of essential oils. <i>Environmental Chemistry Letters</i> , 2019, 17, 129-143.	16.2	79
30	Use of free and encapsulated nerolidol to inhibit the survival of <i>Lactobacillus fermentum</i> in fresh orange juice. <i>Food and Chemical Toxicology</i> , 2019, 133, 110795.	3.6	10
31	First study on the release of a natural antimicrobial agent, estragole, from freeze-dried delivery systems based on cyclodextrins and liposomes. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 52, 794-802.	3.0	12
32	Deep eutectic solvents: An overview on their interactions with water and biochemical compounds. <i>Journal of Molecular Liquids</i> , 2019, 288, 111028.	4.9	184
33	New findings on the incorporation of essential oil components into liposomes composed of lipid S100 and cholesterol. <i>International Journal of Pharmaceutics</i> , 2019, 561, 161-170.	5.2	65
34	Selection of nerolidol among a series of terpenic and phenolic compounds for its potent activity against <i>Lactobacillus fermentum</i> ATCC 9338. <i>Process Biochemistry</i> , 2019, 80, 146-156.	3.7	11
35	Cyclodextrin-membrane interaction in drug delivery and membrane structure maintenance. <i>International Journal of Pharmaceutics</i> , 2019, 564, 59-76.	5.2	67
36	Lipid Membrane Models for Biomembrane Properties™ Investigation. , 2019, , 311-340.		4

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37	Screening of Some Essential Oil Constituents as Potential Inhibitors of the ATP Synthase of <i>Escherichia coli</i> . <i>Journal of Food Science</i> , 2019, 84, 138-146.	3.1	4
38	Effect of cyclodextrin and cosolvent on the solubility and antioxidant activity of caffeic acid. <i>Food Chemistry</i> , 2019, 278, 163-169.	8.2	62
39	Post-harvest management control of <i>Ectomyelois ceratoniae</i> (Zeller) (Lepidoptera: Pyralidae): new insights through essential oil encapsulation in cyclodextrin. <i>Pest Management Science</i> , 2019, 75, 2000-2008.	3.4	18
40	Novel findings for quercetin encapsulation and preservation with cyclodextrins, liposomes, and drug-in-cyclodextrin-in-liposomes. <i>Food Hydrocolloids</i> , 2018, 81, 328-340.	10.7	84
41	Biophysical methods: Complementary tools to study the influence of human steroid hormones on the liposome membrane properties. <i>Biochimie</i> , 2018, 153, 13-25.	2.6	9
42	First evaluation of drug-in-cyclodextrin-in-liposomes as an encapsulating system for nerolidol. <i>Food Chemistry</i> , 2018, 255, 399-404.	8.2	45
43	Cholesterol modulates the liposome membrane fluidity and permeability for a hydrophilic molecule. <i>Food and Chemical Toxicology</i> , 2018, 113, 40-48.	3.6	161
44	Effect of a series of essential oil molecules on DPPC membrane fluidity: a biophysical study. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 75-84.	2.2	14
45	Effect of hydroxypropyl- $\beta$ -cyclodextrin on lipid membrane fluidity, stability and freeze-drying of liposomes. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 44, 101-107.	3.0	35
46	Hydroxypropyl- $\gamma$ -cyclodextrin as a membrane protectant during freeze-drying of hydrogenated and non-hydrogenated liposomes and molecule-in-cyclodextrin-in-liposomes: Application to trans-anethole. <i>Food Chemistry</i> , 2018, 267, 67-74.	8.2	27
47	Potential Applications of Cyclodextrin Inclusion Complexes, Liposomes, and Drug-in-Cyclodextrin-in-Liposome in Food Industry and Packaging. , 2018, , 187-234.		5
48	Encapsulation of natural active compounds, enzymes, and probiotics for fruit juice fortification, preservation, and processing: An overview. <i>Journal of Functional Foods</i> , 2018, 48, 65-84.	3.4	59
49	Corticoids modulate liposome membrane fluidity and permeability depending on membrane composition and experimental protocol design. <i>Biochimie</i> , 2018, 153, 33-45.	2.6	12
50	Protein-Based Nanoparticle Preparation via Nanoprecipitation Method. <i>Materials</i> , 2018, 11, 394.	2.9	86
51	Protein-based nanoparticles: From preparation to encapsulation of active molecules. <i>International Journal of Pharmaceutics</i> , 2017, 522, 172-197.	5.2	258
52	Improvement of skin whitening agents efficiency through encapsulation: Current state of knowledge. <i>International Journal of Pharmaceutics</i> , 2017, 526, 50-68.	5.2	30
53	Interaction of Selected Phenylpropenes with Dipalmitoylphosphatidylcholine Membrane and Their Relevance to Antibacterial Activity. <i>Journal of Membrane Biology</i> , 2017, 250, 259-271.	2.1	21
54	Interaction of glucocorticoids and progesterone derivatives with human serum albumin. <i>Chemistry and Physics of Lipids</i> , 2017, 207, 271-278.	3.2	9

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55	Interaction of triterpenoids with human serum albumin: A review. <i>Chemistry and Physics of Lipids</i> , 2017, 207, 260-270.	3.2	31
56	Nootkatone encapsulation by cyclodextrins: Effect on water solubility and photostability. <i>Food Chemistry</i> , 2017, 236, 41-48.	8.2	49
57	Nanoprecipitation process: From encapsulation to drug delivery. <i>International Journal of Pharmaceutics</i> , 2017, 532, 66-81.	5.2	415
58	Drug-in-cyclodextrin-in-liposomes as a carrier system for volatile essential oil components: Application to anethole. <i>Food Chemistry</i> , 2017, 218, 365-371.	8.2	66
59	The effect of cyclodextrin complexation on the solubility and photostability of nerolidol as pure compound and as main constituent of cabreuva essential oil. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 835-844.	2.2	18
60	Large-scale preparation of clove essential oil and eugenol-loaded liposomes using a membrane contactor and a pilot plant. <i>Journal of Liposome Research</i> , 2016, 26, 1-13.	3.3	25
61	Determination of formation constants and structural characterization of cyclodextrin inclusion complexes with two phenolic isomers: carvacrol and thymol. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 29-42.	2.2	63
62	Effect of composition, hydrogenation of phospholipids and lyophilization on the characteristics of eugenol-loaded liposomes prepared by ethanol injection method. <i>Food Bioscience</i> , 2016, 15, 1-10.	4.4	79
63	Release studies of trans-anethole from $\beta$ -cyclodextrin solid inclusion complexes by Multiple Headspace Extraction. <i>Carbohydrate Polymers</i> , 2016, 151, 1245-1250.	10.2	34
64	Encapsulation of NSAIDs for inflammation management: Overview, progress, challenges and prospects. <i>International Journal of Pharmaceutics</i> , 2016, 515, 757-773.	5.2	88
65	Preparation of drug-in-cyclodextrin-in-liposomes at a large scale using a membrane contactor: Application to trans-anethole. <i>Carbohydrate Polymers</i> , 2016, 154, 276-286.	10.2	24
66	Chemical characteristics of PM 2.5 $\pm$ 0.3 and PM 0.3 and consequence of a dust storm episode at an urban site in Lebanon. <i>Atmospheric Research</i> , 2016, 180, 274-286.	4.1	25
67	Tetra- and Penta-Cyclic Triterpenes Interaction with Lipid Bilayer Membrane: A Structural Comparative Study. <i>Journal of Membrane Biology</i> , 2016, 249, 327-338.	2.1	22
68	Clove essential oil-in-cyclodextrin-in-liposomes in the aqueous and lyophilized states: From laboratory to large scale using a membrane contactor. <i>Carbohydrate Polymers</i> , 2016, 138, 75-85.	10.2	88
69	Development of a Total Organic Carbon method for the quantitative determination of solubility enhancement by cyclodextrins: Application to essential oils. <i>Analytica Chimica Acta</i> , 2016, 918, 21-25.	5.4	17
70	Solubility, photostability and antifungal activity of phenylpropanoids encapsulated in cyclodextrins. <i>Food Chemistry</i> , 2016, 196, 518-525.	8.2	79
71	Complexation of estragole as pure compound and as main component of basil and tarragon essential oils with cyclodextrins. <i>Carbohydrate Polymers</i> , 2015, 118, 156-164.	10.2	95
72	Preparation and characterization of clove essential oil-loaded liposomes. <i>Food Chemistry</i> , 2015, 178, 52-62.	8.2	212

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73	Promising applications of cyclodextrins in food: Improvement of essential oils retention, controlled release and antiradical activity. <i>Carbohydrate Polymers</i> , 2015, 131, 264-272.	10.2	110
74	Effect of Erythrodiol, A Natural Pentacyclic Triterpene from Olive Oil, on the Lipid Membrane Properties. <i>Journal of Membrane Biology</i> , 2015, 248, 1079-1087.	2.1	13
75	Comparison between ultrafine and fine particulate matter collected in Lebanon: Chemical characterization, in vitro cytotoxic effects and metabolizing enzymes gene expression in human bronchial epithelial cells. <i>Environmental Pollution</i> , 2015, 205, 250-260.	7.5	32
76	Effect of Progesterone, Its Hydroxylated and Methylated Derivatives, and Dydrogesterone on Lipid Bilayer Membranes. <i>Journal of Membrane Biology</i> , 2015, 248, 811-824.	2.1	11
77	Liposomes incorporating cyclodextrin drug inclusion complexes: Current state of knowledge. <i>Carbohydrate Polymers</i> , 2015, 129, 175-186.	10.2	121
78	Genotoxic and epigenotoxic effects of fine particulate matter from rural and urban sites in Lebanon on human bronchial epithelial cells. <i>Environmental Research</i> , 2015, 136, 352-362.	7.5	68
79	Binding of Monoterpenes to Human Serum Albumin: Investigation of the Effect of Hydrophobicity and Structure. <i>Journal of Colloid Science and Biotechnology</i> , 2015, 4, 71-78.	0.2	1
80	Effect of cyclodextrin complexation on phenylpropanoids solubility and antioxidant activity. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 2322-2331.	2.2	79
81	Optimisation of rosemary oil encapsulation in polycaprolactone and scale-up of the process. <i>Journal of Microencapsulation</i> , 2014, 31, 746-753.	2.8	35
82	Investigation of monoterpenes complexation with hydroxypropyl- $\beta$ -cyclodextrin. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014, 80, 51-60.	1.6	58
83	Morphological and physicochemical characterization of liposomes loading cucurbitacin E, an anti-proliferative natural tetracyclic triterpene. <i>Chemistry and Physics of Lipids</i> , 2014, 177, 64-70.	3.2	15
84	Cyclodextrin, an efficient tool for trans-anethole encapsulation: Chromatographic, spectroscopic, thermal and structural studies. <i>Food Chemistry</i> , 2014, 164, 454-461.	8.2	83
85	Essential oils encapsulated in liposomes: a review. <i>Journal of Liposome Research</i> , 2013, 23, 268-275.	3.3	160
86	Reviewing the binding of a series of parabens to human serum albumin. <i>Biopharmaceutics and Drug Disposition</i> , 2013, 34, 186-194.	1.9	10
87	Preparation and characterization of liposomes incorporating cucurbitacin E, a natural cytotoxic triterpene. <i>International Journal of Pharmaceutics</i> , 2013, 448, 313-319.	5.2	19
88	The cucurbitacins E, D and I: Investigation of their cytotoxicity toward human chondrosarcoma SW 1353 cell line and their biotransformation in man liver. <i>Toxicology Letters</i> , 2013, 216, 189-199.	0.8	27
89	p-Hydroxybenzoate esters metabolism in MCF7 breast cancer cells. <i>Food and Chemical Toxicology</i> , 2012, 50, 4109-4114.	3.6	33
90	Metabolism of Parabens (4-Hydroxybenzoic Acid Esters) by Hepatic Esterases and UDP-Glucuronosyltransferases in Man. <i>Drug Metabolism and Pharmacokinetics</i> , 2010, 25, 568-577.	2.2	109

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91	Stability of cucurbitacin E in human plasma: chemical hydrolysis and role of plasma esterases. <i>Biopharmaceutics and Drug Disposition</i> , 2009, 30, 389-397.	1.9	13
92	Interaction of cucurbitacins with human serum albumin: Thermodynamic characteristics and influence on the binding of site specific ligands. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2009, 95, 189-195.	3.8	24
93	Ferutinin stability in human plasma and interaction with human serum albumin. <i>Biopharmaceutics and Drug Disposition</i> , 2008, 29, 83-89.	1.9	13
94	Effect of cucurbitacins on bilirubinâ€™albumin binding in human plasma. <i>Life Sciences</i> , 2007, 80, 579-585.	4.3	21
95	Cucurbitacins from <i>Ecballium elaterium</i> juice increase the binding of bilirubin and ibuprofen to albumin in human plasma. <i>Chemico-Biological Interactions</i> , 2007, 169, 53-62.	4.0	45
96	Wastewater technology attenuates the toxicity of shisha smoking. <i>Environmental Chemistry Letters</i> , 0, , .	16.2	1