

Costas Demetzos

List of Publications by Year in descending order

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231
papers

6,068
citations

76326

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h-index

110387

64
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239
all docs

239
docs citations

239
times ranked

6838
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein-liposome interactions: the impact of surface charge and fluidisation effect on protein binding. <i>Journal of Liposome Research</i> , 2023, 33, 77-88.	3.3	4
2	Chaotic Dynamics and Stability of Liposomal Nanosystems. <i>Current Nanoscience</i> , 2022, 18, 375-390.	1.2	2
3	Design and development of DSPC:DAP:PDMAEMA-b-PLMA nanostructures: from the adumbration of their morphological characteristics to in vitro evaluation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 632, 127768.	4.7	4
4	Chimeric liposomes decorated with P407: an alternative biomaterial for producing stealth nano-therapeutics. <i>Journal of Liposome Research</i> , 2022, 32, 83-91.	3.3	3
5	The technology of transdermal delivery nanosystems: from design and development to preclinical studies. <i>International Journal of Pharmaceutics</i> , 2022, 611, 121290.	5.2	11
6	Structure of micelleplexes formed between QPDMAEMA-b-PLMA amphiphilic cationic copolymer micelles and DNA of different lengths. <i>European Polymer Journal</i> , 2022, 166, 111048.	5.4	5
7	Lyotropic Liquid Crystalline Nanostructures as Drug Delivery Systems and Vaccine Platforms. <i>Pharmaceutics</i> , 2022, 15, 429.	3.8	24
8	Losartan Interactions with 2-Hydroxypropyl- β -CD. <i>Molecules</i> , 2022, 27, 2421.	3.8	4
9	Hydrophilic Random Cationic Copolymers as Polyplex-Formation Vectors for DNA. <i>Materials</i> , 2022, 15, 2650.	2.9	6
10	Development and physicochemical characterization of nanoliposomes with incorporated oleocanthal, oleacein, oleuropein and hydroxytyrosol. <i>Food Chemistry</i> , 2022, 384, 132470.	8.2	19
11	Development and Evaluation of Liposomal Nanoparticles Incorporating Dimethoxycurcumin. In vitro Toxicity and Permeability Studies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, , 129223.	4.7	3
12	Lipid Nanoparticles as Platforms for Theranostic Purposes: Recent Advances in the Field. <i>Journal of Nanotheranostics</i> , 2022, 3, 86-101.	3.1	3
13	Aqueous Heat Method for the Preparation of Hybrid Lipid-Polymer Structures: From Preformulation Studies to Protein Delivery. <i>Biomedicines</i> , 2022, 10, 1228.	3.2	1
14	<i>In vitro</i> and <i>in vivo</i> activity of thermosensitive liposomes loaded with doxorubicin and cisplatin. <i>Drug Development and Industrial Pharmacy</i> , 2022, 48, 158-168.	2.0	6
15	Lamellarity and size distributions in mixed DPPC/amphiphilic poly(2-oxazoline) gradient copolymer vesicles and their temperature response. <i>Chemistry and Physics of Lipids</i> , 2021, 234, 105008.	3.2	7
16	Liquid crystalline nanoparticles for drug delivery: The role of gradient and block copolymers on the morphology, internal organisation and release profile. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 158, 21-34.	4.3	22
17	Preparation and physicochemical characterization of elastic liposomes: a road-map library for their design. <i>Journal of Liposome Research</i> , 2021, 31, 11-18.	3.3	3
18	Nanoplatforms as Information Carriers and Thermodynamic Epitopes, in Neurodegenerative and Immune Diseases. , 2021, , 1-13.		0

#	ARTICLE	IF	CITATIONS
19	Nanoplatforms as Information Carriers and Thermodynamic Epitopes, in Neurodegenerative and Immune Diseases. , 2021, , 1-13.		1
20	Chimeric liposomes incorporating functional copolymers: preparation and pH/thermo-responsive behaviour in aqueous solutions. Journal of Liposome Research, 2021, 31, 279-290.	3.3	2
21	Chimeric Stimuli-Responsive Liposomes as Nanocarriers for the Delivery of the Anti-Glioma Agent TRAM-34. International Journal of Molecular Sciences, 2021, 22, 6271.	4.1	7
22	The Influence of Hydrophobic Blocks of PEO-Containing Copolymers on Glycerol Monooleate Lyotropic Liquid Crystalline Nanoparticles for Drug Delivery. Polymers, 2021, 13, 2607.	4.5	6
23	Thermoresponsive chimeric nanocarriers as drug delivery systems. Colloids and Surfaces B: Biointerfaces, 2021, 208, 112141.	5.0	5
24	A Differential Scanning Calorimetry (DSC) Experimental Protocol for Evaluating the Modified Thermotropic Behavior of Liposomes with Incorporated Guest Molecules. Methods in Molecular Biology, 2021, 2207, 299-312.	0.9	6
25	Innovative vaccine platforms against infectious diseases: Under the scope of the COVID-19 pandemic. International Journal of Pharmaceutics, 2021, 610, 121212.	5.2	11
26	Formation of Uni-Lamellar Vesicles in Mixtures of DPPC with PEO-b-PCL Amphiphilic Diblock Copolymers. Polymers, 2021, 13, 4.	4.5	7
27	Differential Scanning Calorimetry (DSC) on Sartan/Cyclodextrin Delivery Formulations. Methods in Molecular Biology, 2021, 2207, 163-174.	0.9	2
28	Association of the Thermodynamics with the Functionality of Thermoresponsive Chimeric Nanosystems. Methods in Molecular Biology, 2021, 2207, 221-233.	0.9	1
29	Advanced Health Technologies and Nanotechnologies in Neurodegenerative Diseases. Advances in Experimental Medicine and Biology, 2021, 1339, 317-317.	1.6	0
30	Liposomes: Production Methods and Application in Alzheimer's Disease. Advances in Experimental Medicine and Biology, 2021, 1339, 385-394.	1.6	3
31	Incorporation of PEGylated γ -decalactone into lipid bilayers: thermodynamic study and chimeric liposomes development. Journal of Liposome Research, 2020, 30, 209-217.	3.3	6
32	The boundary lipid around DMPC-spanning influenza A M2 transmembrane domain channels: Its structure and potential for drug accommodation. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183156.	2.6	4
33	pH-responsive chimeric liposomes: From nanotechnology to biological assessment. International Journal of Pharmaceutics, 2020, 574, 118849.	5.2	8
34	A thermal analysis and physicochemical study on thermoresponsive chimeric liposomal nanosystems. Journal of Thermal Analysis and Calorimetry, 2020, 141, 751-766.	3.6	7
35	Preparation and Biophysical Characterization of Quercetin Inclusion Complexes with β -Cyclodextrin Derivatives to be Formulated as Possible Nose-to-Brain Quercetin Delivery Systems. Molecular Pharmaceutics, 2020, 17, 4241-4255.	4.6	35
36	A Novel, Nontoxic and Scalable Process to Produce Lipidic Vehicles. Materials, 2020, 13, 5035.	2.9	4

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37	Antihypertensive activity and molecular interactions of irbesartan in complex with 2- β -hydroxypropyl- α -cyclodextrin. <i>Chemical Biology and Drug Design</i> , 2020, 96, 668-683.	3.2	6
38	The Release Kinetics of Melatonin from Innovative Dosage Forms: The Role of the Fractal Geometry of the "Vehicle", 2020, , .		0
39	Promising Nanotechnology Approaches in Treatment of Autoimmune Diseases of Central Nervous System. <i>Brain Sciences</i> , 2020, 10, 338.	2.3	32
40	Physicochemical, morphological and thermal evaluation of lyotropic lipidic liquid crystalline nanoparticles: The effect of stimuli-responsive polymeric stabilizer. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 595, 124678.	4.7	13
41	Stimuli-responsive nanocarriers for drug delivery. , 2020, , 99-121.		4
42	Coating of magnetic nanoparticles affects their interactions with model cell membranes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129671.	2.4	8
43	Nanomedicines and Nanosimilars: Looking for a New and Dynamic Regulatory "Astrolabe"-Inspired System. <i>AAPS PharmSciTech</i> , 2020, 21, 65.	3.3	4
44	Carbon nanohorn/liposome systems: Preformulation, design and in vitro toxicity studies. <i>Materials Science and Engineering C</i> , 2019, 105, 110114.	7.3	11
45	Stimuli-Responsive Lyotropic Liquid Crystalline Nanosystems with Incorporated Poly(2-Dimethylamino) Tj ETQq1 1 0.784314 15 BT /Ov	4.5	28
46	PEO-b-PCL grafted niosomes: The cooperativity of amphiphilic components and their properties in vitro and in vivo. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 177, 338-345.	5.0	15
47	Differential Scanning Calorimetry (DSC): An Invaluable Tool for the Thermal Evaluation of Advanced Chimeric Liposomal Drug Delivery Nanosystems. <i>Series in Bioengineering</i> , 2019, , 297-337.	0.6	6
48	Physicochemical study of the protein-liposome interactions: influence of liposome composition and concentration on protein binding. <i>Journal of Liposome Research</i> , 2019, 29, 313-321.	3.3	55
49	Introducing Thermodynamics and Biophysics in Health Sciences. <i>Series in Bioengineering</i> , 2019, , 1-11.	0.6	0
50	Innovative Nanocarriers for Ferrous Gluconate: The Role of Polymeric Smart Multifunctional Vectors. <i>Advanced Science, Engineering and Medicine</i> , 2019, 11, 172-177.	0.3	0
51	Influence of Lipid's Main Transition Temperature on the Stability of Chimeric Liposomal Systems. <i>Current Nanomedicine</i> , 2019, 9, 158-165.	0.6	0
52	Recent advances in micellar-like polyelectrolyte/protein complexes. , 2018, , 57-88.		0
53	The significance of drug-to-lipid ratio to the development of optimized liposomal formulation. <i>Journal of Liposome Research</i> , 2018, 28, 249-258.	3.3	38
54	Comparative Perturbation Effects Exerted by the Influenza A M2 WT Protein Inhibitors Amantadine and the Spiro[pyrrolidine-2,2'-adamantane] Variant AK13 to Membrane Bilayers Studied Using Biophysical Experiments and Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2018, 122, 9877-9895.	2.6	11

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55	Marine sulfated polysaccharides as versatile polyelectrolytes for the development of drug delivery nanoplatforms: Complexation of ulvan with lysozyme. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 69-75.	7.5	44
56	Development and Evaluation of Stimuli-Responsive Chimeric Nanostructures. <i>AAPS PharmSciTech</i> , 2018, 19, 2971-2989.	3.3	11
57	Studying the colloidal behavior of chimeric liposomes by cryo-TEM, micro-differential scanning calorimetry and high-resolution ultrasound spectroscopy. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 555, 539-547.	4.7	23
58	Cubic lyotropic liquid crystals as drug delivery carriers: Physicochemical and morphological studies. <i>International Journal of Pharmaceutics</i> , 2018, 550, 57-70.	5.2	34
59	pH-responsive polymeric nanoassemblies encapsulated into alginate beads: morphological characterization and swelling studies. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	3
60	The modulation of physicochemical characterization of innovative liposomal platforms: the role of the grafted thermoresponsive polymers. <i>Pharmaceutical Development and Technology</i> , 2017, 22, 330-335.	2.4	10
61	Lysozyme complexes with thermo- and pH-responsive PNIPAM-b-PAA block copolymer. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	1.9	10
62	Design and development of pH-sensitive liposomes by evaluating the thermotropic behavior of their chimeric bilayers. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 127, 1381-1392.	3.6	14
63	Design and development of multi-walled carbon nanotube-liposome drug delivery platforms. <i>International Journal of Pharmaceutics</i> , 2017, 528, 429-439.	5.2	25
64	Morphological diversity of block copolymer/lipid chimeric nanostructures. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	1.9	18
65	Method of Simultaneous Analysis of Liposome Components Using HPTLC/FID. <i>Methods in Molecular Biology</i> , 2017, 1522, 49-54.	0.9	2
66	Design and development of pH-responsive HSPC:C ₁₂ H ₂₅ -PAA chimeric liposomes. <i>Journal of Liposome Research</i> , 2017, 27, 108-117.	3.3	13
67	Microbial biosensors to monitor the encapsulation effectiveness of Doxorubicin in chimeric advanced Drug Delivery Nano Systems: A calorimetric approach. <i>International Journal of Pharmaceutics</i> , 2017, 516, 178-184.	5.2	16
68	Chronobiotic Hormone Melatonin: Comparative in vitro Release Studies from Matrix Tablets and Liposomal Formulations. <i>Letters in Drug Design and Discovery</i> , 2017, 14, 476-480.	0.7	10
69	Evaluation of the Physicochemical Characteristics of Liposomal Formulations of Doctor's Formulas' Food Supplements. <i>Advanced Science, Engineering and Medicine</i> , 2017, 9, 148-154.	0.3	0
70	Lipid Bilayers Incorporated Violacein: Differential Scanning Calorimetry as an Analytical Tool for Preformulation Studies. <i>Advanced Science, Engineering and Medicine</i> , 2017, 9, 212-220.	0.3	0
71	Preparation and Physicochemical Characterization of Polyelectrolyte Complexes Incorporating Antitumor Peptide. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 4901-4906.	0.9	0
72	Physicochemical Characteristics of Liposomal Formulations of Doctor's Formulas' Food Supplements in Biorelevant Dispersion Media. <i>Advanced Science, Engineering and Medicine</i> , 2017, 9, 648-652.	0.3	0

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73	Advances and Perspectives in Cancer Nanotherapy: The Added- Value of Nanocarriers. Current Nanomedicine, 2017, 7, .	0.6	0
74	Antibody-drug conjugates: a mini-review. The synopsis of two approved medicines. Drug Delivery, 2016, 23, 1-5.	5.7	15
75	Stimuli-responsive Drug Delivery Nanosystems: From Bench to Clinic. Current Nanomedicine, 2016, 6, 166-185.	0.6	17
76	Application of Nanotechnology in Modified Release Systems. , 2016, , 149-173.		1
77	Application of Nanotechnology in Drug Delivery and Targeting. , 2016, , 77-145.		11
78	Pharmaceutical Nanotechnology. , 2016, , .		27
79	Chimeric lipid/block copolymer nanovesicles: Physico-chemical and bio-compatibility evaluation. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 107, 295-309.	4.3	29
80	Efficacy of a New Heparan Sulfate Mimetic Dressing in the Healing of Foot and Lower Extremity Ulcerations in Type 2 Diabetes. International Journal of Lower Extremity Wounds, 2016, 15, 63-67.	1.1	14
81	A dual-stimuli-responsive polymer into phospholipid membranes. Journal of Thermal Analysis and Calorimetry, 2016, 123, 2257-2271.	3.6	11
82	Calorimetric study on pH-responsive block copolymer grafted lipid bilayers: rational design and development of liposomes. Journal of Liposome Research, 2016, 26, 211-220.	3.3	13
83	Polymer Self-Assembled Nanostructures as Innovative Drug Nanocarrier Platforms. Current Pharmaceutical Design, 2016, 22, 2788-2795.	1.9	24
84	Cerasomes as Innovative Excipients in Cosmetic Product "Pregnaderm Extreme Hydration Body Cream": A Physicochemical Study. Advanced Science, Engineering and Medicine, 2016, 8, 26-30.	0.3	0
85	Innovative Excipients and Formulation Platforms in Cosmetic Product Series for Acne (ACNOFIX [®]): The Physicochemical Characteristics of Cosmeceutical Vehicle. Advanced Science, Engineering and Medicine, 2016, 8, 284-289.	0.3	0
86	Bio-inspired Chimeric Drug Delivery nano Systems (Chi-DDnSs): Their Fractal Hologram and Regulatory Aspects. Advances in Experimental Medicine and Biology, 2015, 822, 199-200.	1.6	0
87	Insulin/poly(ethylene glycol)-block-poly(L-lysine) Complexes: Physicochemical Properties and Protein Encapsulation. Journal of Physical Chemistry B, 2015, 119, 6813-6819.	2.6	29
88	Measurements of liposome biomechanical properties by combining line optical tweezers and dielectrophoresis. Journal of Liposome Research, 2015, 25, 202-210.	3.3	8
89	Fractal geometry as a new approach for proving nanosimilarity: A reflection note. International Journal of Pharmaceutics, 2015, 483, 1-5.	5.2	13
90	Advanced Drug Delivery Nanosystems: Perspectives and Regulatory Issues. Advances in Experimental Medicine and Biology, 2015, 822, 195-198.	1.6	8

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91	Temperature-dependent drug release from DPPC:C12H25-PNIPAM-COOH liposomes: Control of the drug loading/release by modulation of the nanocarriers' components. <i>International Journal of Pharmaceutics</i> , 2015, 485, 374-382.	5.2	40
92	Biophysics and Thermodynamics: The Scientific Building Blocks of Bio-inspired Drug Delivery Nano Systems. <i>AAPS PharmSciTech</i> , 2015, 16, 491-495.	3.3	32
93	Complexation of cationic-neutral block polyelectrolyte with insulin and in vitro release studies. <i>International Journal of Pharmaceutics</i> , 2015, 491, 136-143.	5.2	27
94	Liposomal forms of anticancer agents beyond anthracyclines: present and future perspectives. <i>Journal of Liposome Research</i> , 2015, 25, 166-173.	3.3	5
95	The metastable phases as modulators of biophysical behavior of liposomal membranes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 120, 937-945.	3.6	18
96	The Safety of Biological Medicines for Rheumatoid Arthritis. <i>Advances in Experimental Medicine and Biology</i> , 2015, 822, 209-210.	1.6	2
97	The Fractal Analysis as a Complementary Approach to Predict the Stability of Drug Delivery nano Systems (DDnSs) in Aqueous and Biological Media: A Regulatory Proposal or a Dream?. <i>Advances in Experimental Medicine and Biology</i> , 2015, 822, 211-212.	1.6	1
98	The Innovations in Science and Technology as a Demand for Bio-better Medicines in Europe. <i>Advances in Experimental Medicine and Biology</i> , 2015, 822, 203-208.	1.6	0
99	Antibiotic Prescription Practices of Pediatricians and Pediatric Residents in Hospital Care in Greece. <i>Current Drug Safety</i> , 2015, 10, 221-226.	0.6	5
100	Delivery Nanoparticle Platform of Liposomes' Incorporated Dendrimers: Physicochemical, Morphological and Thermotropic Characterization. <i>Advanced Science, Engineering and Medicine</i> , 2015, 7, 805-810.	0.3	0
101	The imaging and the fractal metrology of chimeric liposomal Drug Delivery nano Systems: the role of macromolecular architecture of polymeric guest. <i>Journal of Liposome Research</i> , 2014, 24, 223-229.	3.3	5
102	PEO-b-PCL Grafted DPPC Liposomes: Physicochemical Characterization and Stability Studies of Novel Bio-Inspired Advanced Drug Delivery Nano Systems (aDDnSs). <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 5676-5681.	0.9	12
103	Preparation of Liposomal Nanoparticles Incorporating Terbinafine & In Vitro Drug Release Studies. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 4529-4533.	0.9	18
104	Special Chapter on Current Advancement of Thermal Analysis with Special Focus on Bio- and Pharmaceutical Researches from the Mediterraneans. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 116, 1-3.	3.6	2
105	The physicochemical/thermodynamic balance of advanced drug liposomal delivery systems. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 116, 99-105.	3.6	18
106	Advanced drug delivery nanosystems (aDDnSs): a mini-review. <i>Drug Delivery</i> , 2014, 21, 250-257.	5.7	86
107	Preparation, development and in vitro release evaluation of amphotericin B' loaded amphiphilic block copolymer vectors. <i>International Journal of Pharmaceutics</i> , 2014, 473, 80-86.	5.2	10
108	Fractal analysis as a complementary approach to predict the stability of drug delivery nano systems in aqueous and biological media: A regulatory proposal or a dream?. <i>International Journal of Pharmaceutics</i> , 2014, 473, 213-218.	5.2	8

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109	The interplay between the rate of release from polymer grafted liposomes and their fractal morphology. <i>International Journal of Pharmaceutics</i> , 2014, 465, 63-69.	5.2	18
110	Gradient Block Copolymer Structures as Drug Nanocarriers. <i>Advanced Science, Engineering and Medicine</i> , 2014, 6, 642-648.	0.3	5
111	DPPC/poly(2-methyl-2-oxazoline)-grad-poly(2-phenyl-2-oxazoline) chimeric nanostructures as potential drug nanocarriers. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	28
112	The Shape/Morphology Balance: A Study of Stealth Liposomes via Fractal Analysis and Drug Encapsulation. <i>Pharmaceutical Research</i> , 2013, 30, 2385-2395.	3.5	26
113	Incorporation of dimethoxycurcumin into charged liposomes and the formation kinetics of fractal aggregates of uncharged vectors. <i>Journal of Liposome Research</i> , 2013, 23, 94-100.	3.3	15
114	Advanced nanocarriers for an antitumor peptide. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	4
115	On the ubiquitous presence of fractals and fractal concepts in pharmaceutical sciences: A review. <i>International Journal of Pharmaceutics</i> , 2013, 456, 340-352.	5.2	53
116	DPPC:MPOx chimeric advanced Drug Delivery nano Systems (chi-aDDnSs): Physicochemical and structural characterization, stability and drug release studies. <i>International Journal of Pharmaceutics</i> , 2013, 450, 1-10.	5.2	62
117	PEO-b-PCL/DPPC chimeric nanocarriers: self-assembly aspects in aqueous and biological media and drug incorporation. <i>Soft Matter</i> , 2013, 9, 4073.	2.7	72
118	The formalism of fractal aggregation phenomena of colloidal drug delivery systems. <i>Journal of Liposome Research</i> , 2012, 22, 55-61.	3.3	5
119	The delineation of the morphology of charged liposomal vectors via a fractal analysis in aqueous and biological media: Physicochemical and self-assembly studies. <i>International Journal of Pharmaceutics</i> , 2012, 437, 264-274.	5.2	27
120	Biophotonic techniques for manipulation and characterization of drug delivery nanosystems in cancer therapy. <i>Cancer Letters</i> , 2012, 327, 111-122.	7.2	61
121	Amphiphilic gradient copolymers of 2-methyl- and 2-phenyl-oxazoline: self-organization in aqueous media and drug encapsulation. <i>Journal of Polymer Science Part A</i> , 2012, 50, 1226-1237.	2.3	73
122	Effect of phosphorus dendrimers on DMPC lipid membranes. <i>Chemistry and Physics of Lipids</i> , 2012, 165, 408-413.	3.2	35
123	Chimeric advanced drug delivery nano systems (chi-aDDnSs) for shikonin combining dendritic and liposomal technology. <i>International Journal of Pharmaceutics</i> , 2012, 422, 381-389.	5.2	38
124	The fractal hologram and elucidation of the structure of liposomal carriers in aqueous and biological media. <i>International Journal of Pharmaceutics</i> , 2012, 430, 65-73.	5.2	29
125	In vitro activity of dietary flavonol congeners against human cancer cell lines. <i>European Journal of Nutrition</i> , 2012, 51, 181-190.	3.9	19
126	Preparation and Thermal Behavior of Liposomal Nanoparticles Incorporating Bioactive Labdane Epimers. <i>Advanced Science Letters</i> , 2012, 16, 336-341.	0.2	4

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127	Dendrimers and the Development of New Complex Nanomaterials for Biomedical Applications. <i>Current Medicinal Chemistry</i> , 2012, 19, 4913-4928.	2.4	19
128	Block Copolymers for Drug Delivery Nano Systems (DDnSs). <i>Current Medicinal Chemistry</i> , 2012, 19, 5088-5100.	2.4	22
129	Type and Location of Interaction between Hyperbranched Polymers and Liposomes. Relevance to Design of a Potentially Advanced Drug Delivery Nanosystem (aDDnS). <i>Journal of Physical Chemistry B</i> , 2011, 115, 3400-3408.	2.6	13
130	Interactions of phosphorus-containing dendrimers with liposomes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2011, 1811, 221-226.	2.4	40
131	A New Chimeric Drug Delivery Nano System (chi-aDDnS) Composed of PAMAM G 3.5 Dendrimer and Liposomes as Doxorubicin's Carrier. <I>In Vitro</I>; Pharmacological Studies. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 3764-3772.	0.9	26
132	The labdane diterpene sclareol (labd-14-ene-8, 13-diol) induces apoptosis in human tumor cell lines and suppression of tumor growth in vivo via a p53-independent mechanism of action. <i>European Journal of Pharmacology</i> , 2011, 666, 173-182.	3.5	32
133	Interaction of cationic phosphorus dendrimers (CPD) with charged and neutral lipid membranes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 82, 8-12.	5.0	41
134	Preparation and Characterization of Lyophilised EGG PC Liposomes Incorporating Curcumin and Evaluation of Its Activity Against Colorectal Cancer Cell Lines. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 1259-1266.	0.9	44
135	Development and Characterization of Oligonucleotide-Tagged Dye-Encapsulating EPC/DPPG Liposomes. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 5548-5556.	0.9	4
136	New chimeric advanced Drug Delivery nano Systems (chi-aDDnSs) as doxorubicin carriers. <i>International Journal of Pharmaceutics</i> , 2010, 402, 231-237.	5.2	54
137	Effect of amyloid beta peptides A β ²¹⁻²⁸ and A β ²⁵⁻⁴⁰ on model lipid membranes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 99, 741-747.	3.6	30
138	New Drug Delivery Nanosystem Combining Liposomal and Dendrimeric Technology (Liposomal) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	3.3	47
139	Thermodynamic and structural characterization of Liposomal-Locked in-Dendrimers as drug carriers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 81, 11-19.	5.0	34
140	The effect of aminoglycoside antibiotics on the thermodynamic properties of liposomal vesicles. <i>Journal of Liposome Research</i> , 2010, 20, 84-96.	3.3	6
141	Method of Simultaneous Analysis of Liposome Components Using HPTLC/FID. <i>Methods in Molecular Biology</i> , 2010, 606, 363-368.	0.9	3
142	Mitochondria-targeted liposomes improve the apoptotic and cytotoxic action of sclareol. <i>Journal of Liposome Research</i> , 2010, 20, 244-249.	3.3	72
143	βlactam Functionalized Poly(isoprene-b-ethylene oxide) Amphiphilic Block Copolymer Micelles as a New Nanocarrier System for Curcumin. <i>Current Nanoscience</i> , 2010, 6, 277-284.	1.2	12
144	Self–preserving cosmetics. <i>International Journal of Cosmetic Science</i> , 2009, 31, 163-175.	2.6	80

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145	Line optical tweezers: A tool to induce transformations in stained liposomes and to estimate shear modulus. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 349, 35-42.	4.7	14
146	Atomic force microscopy: a tool to study the structure, dynamics and stability of liposomal drug delivery systems. <i>Expert Opinion on Drug Delivery</i> , 2009, 6, 305-317.	5.0	38
147	Solid lipid nanoparticles and nanoemulsions containing ceramides: Preparation and physicochemical characterization. <i>Journal of Liposome Research</i> , 2009, 19, 180-188.	3.3	21
148	Transcriptome analysis approaches for the isolation of trichome-specific genes from the medicinal plant <i>Cistus creticus</i> subsp. <i>creticus</i> . <i>Plant Molecular Biology</i> , 2008, 68, 633-651.	3.9	41
149	Comparative docking studies of labdane-type diterpenes with forskolin at the active site of adenylyl cyclase. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 8237-8243.	3.0	5
150	Nanoliposomes and Their Applications in Food Nanotechnology. <i>Journal of Liposome Research</i> , 2008, 18, 309-327.	3.3	529
151	Differential Scanning Calorimetry (DSC): A Tool to Study the Thermal Behavior of Lipid Bilayers and Liposomal Stability. <i>Journal of Liposome Research</i> , 2008, 18, 159-173.	3.3	241
152	Lipids of membranes: Chemistry, biological role and applications as drug carriers. <i>Studies in Natural Products Chemistry</i> , 2008, 34, 173-202.	1.8	12
153	Dendrimers as Biopharmaceuticals: Synthesis and Properties. <i>Current Topics in Medicinal Chemistry</i> , 2008, 8, 1294-1309.	2.1	59
154	Effect of the Nature of the 3 ¹ -Substitution in Manoyl Oxides on the Thermotropic Behavior of DPPC Lipid Bilayer and on DPPC Liposomes. <i>Journal of Liposome Research</i> , 2007, 17, 89-105.	3.3	7
155	Liposomes modify the subcellular distribution of sclareol uptake by HCT-116 cancer cell lines. <i>Biomedicine and Pharmacotherapy</i> , 2007, 61, 120-124.	5.6	12
156	The perturbing effect of cholesterol on the interaction between labdanes and DPPC bilayers. <i>Thermochimica Acta</i> , 2007, 452, 116-123.	2.7	8
157	Calorimetric study on the induction of interdigitated phase in hydrated DPPC bilayers by bioactive labdanes and correlation to their liposome stability. <i>Chemistry and Physics of Lipids</i> , 2007, 145, 45-62.	3.2	33
158	Molecular interactions between dimethoxycurcumin and Pamam dendrimer carriers. <i>International Journal of Pharmaceutics</i> , 2007, 339, 231-236.	5.2	50
159	Scanning electron microscopy study on nanoemulsions and solid lipid nanoparticles containing high amounts of ceramides. <i>Micron</i> , 2007, 38, 819-823.	2.2	50
160	Sclareol induces apoptosis in human HCT116 colon cancer cells in vitro and suppression of HCT116 tumor growth in immunodeficient mice. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 685-694.	4.9	45
161	Visualisation of liposomes prepared from skin and stratum corneum lipids by transmission electron microscopy. <i>Micron</i> , 2007, 38, 777-781.	2.2	15
162	Release Advantages of A Liposomal Dendrimer-Doxorubicin Complex, Over Conventional Liposomal Formulation of Doxorubicin. , 2007, , 135-144.		2

#	ARTICLE	IF	CITATIONS
163	Uptake Studies of Free and Liposomal Sclareol by MCF-7 and H-460 Human Cancer Cell Lines. , 2007, , 125-133.		0
164	Preparation and Characterization of Lyophilized Liposomes with Incorporated Quercetin. Journal of Liposome Research, 2006, 16, 17-25.	3.3	32
165	Qualitative and Quantitative One-step Analysis of Lipids and Encapsulated Bioactive Molecules in Liposome Preparations by HPTLC/FID (IATROSCAN). Journal of Liposome Research, 2006, 16, 321-330.	3.3	21
166	Cytotoxic and antitumor activity of liposome-incorporated sclareol against cancer cell lines and human colon cancer xenografts. Pharmacological Research, 2006, 53, 80-87.	7.1	63
167	A liposomal formulation of Doxorubicin, composed of Hexadecylphosphocholine (HePC): physicochemical characterization and cytotoxic activity against human cancer cell lines. Biomedicine and Pharmacotherapy, 2006, 60, 36-42.	5.6	28
168	Labd-14-ene-8,13-diol (sclareol) induces cell cycle arrest and apoptosis in human breast cancer cells and enhances the activity of anticancer drugs. Biomedicine and Pharmacotherapy, 2006, 60, 127-133.	5.6	62
169	Design and development of liposomes incorporating a bioactive labdane-type diterpene. In vitro growth inhibiting and cytotoxic activity against human cancer cell lines. Biomedicine and Pharmacotherapy, 2006, 60, 191-199.	5.6	22
170	Dendrimers as Drug Carriers. A New Approach to Increase the Potential of Bioactive Natural Products. Natural Product Communications, 2006, 1, 1934578X0600100.	0.5	1
171	Synthesis, liposomal formulation and thermal effects on phospholipid bilayers of leuprolide. Journal of Peptide Science, 2006, 12, 43-50.	1.4	13
172	A DSC and Raman spectroscopy study on the effect of PAMAM dendrimer on DPPC model lipid membranes. International Journal of Pharmaceutics, 2006, 318, 118-123.	5.2	111
173	Effect of a bioactive curcumin derivative on DPPC membrane: A DSC and Raman spectroscopy study. Thermochimica Acta, 2006, 447, 1-4.	2.7	51
174	The role of the anticancer drug vinorelbine in lipid bilayers using differential scanning calorimetry and molecular modeling. Chemistry and Physics of Lipids, 2006, 144, 85-95.	3.2	21
175	Interaction of Dendrimers with Model Lipid Membranes Assessed by DSC and Raman Spectroscopy. , 2006, , 207-220.		6
176	Doxorubicin-PAMAM dendrimer complex attached to liposomes: Cytotoxic studies against human cancer cell lines. International Journal of Pharmaceutics, 2005, 302, 29-38.	5.2	104
177	Labdane-type diterpenes: thermal effects on phospholipid bilayers, incorporation into liposomes and biological activity. Chemistry and Physics of Lipids, 2005, 138, 1-11.	3.2	37
178	A comparative study of the effects of cholesterol and sclareol, a bioactive labdane type diterpene, on phospholipid bilayers. Chemistry and Physics of Lipids, 2005, 133, 125-134.	3.2	31
179	Lipid analysis of Greek broad bean oil: Preparation of liposomes and physicochemical characterization. European Journal of Lipid Science and Technology, 2005, 107, 799-804.	1.5	5
180	Effect of Solution Conductivity on the Volatile Constituents of <i>Origanum dictamnus</i> L. in Nutrient Film Culture. Journal of Agricultural and Food Chemistry, 2005, 53, 1656-1660.	5.2	15

#	ARTICLE	IF	CITATIONS
181	Sesquiterpene Lactones from <i>Centaurea spinosa</i> and Their Antibacterial and Cytotoxic Activities. <i>Journal of Natural Products</i> , 2005, 68, 1404-1407.	3.0	67
182	Antileishmanial and Trypanocidal activities of new miltefosine liposomal formulations. <i>Biomedicine and Pharmacotherapy</i> , 2005, 59, 545-550.	5.6	35
183	Induction of apoptosis in human colon cancer HCT116 cells treated with an extract of the plant product, Chios mastic gum. <i>In Vivo</i> , 2005, 19, 93-102.	1.3	29
184	Correction of the Structure of a New Sesquiterpene from <i>Cistus creticus</i> ssp. <i>creticus</i> . <i>Journal of Natural Products</i> , 2004, 67, 1996-2001.	3.0	13
185	The modulation of thermal properties of vinblastine by cholesterol in membrane bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2004, 1661, 1-8.	2.6	30
186	Liposomal Formulations from Phospholipids of Greek Almond Oil. Properties and Biological Activity. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2004, 59, 330-334.	1.4	9
187	Essential oil analysis and antimicrobial activity of eight <i>Stachys</i> species from Greece. <i>Phytochemistry</i> , 2003, 64, 743-752.	2.9	214
188	Effect of Nitrogen Concentration of the Nutrient Solution on the Volatile Constituents of Leaves of <i>Salvia fruticosa</i> Mill. in Solution Culture. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 6505-6508.	5.2	33
189	Effects of <i>Cupressus sempervirens</i> cone extract on lipid parameters in Wistar rats. <i>In Vivo</i> , 2003, 17, 101-3.	1.3	2
190	Chemical Composition and Antibacterial Activity of the Oil of <i>Acinos suaveolens</i> (Sibth. et Sm.) G. Don f. from Greece. <i>Journal of Essential Oil Research</i> , 2002, 14, 139-140.	2.7	7
191	A Chemometric Interpopulation Study of the Essential Oils of <i>Cistus creticus</i> L. Growing in Crete (Greece). <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2002, 57, 89-94.	1.4	18
192	Bioactive Sesquiterpene Lactones from <i>Centaurea</i> Species and their Cytotoxic/Cytostatic Activity Against Human Cell Lines in vitro. <i>Planta Medica</i> , 2002, 68, 649-652.	1.3	67
193	Lipid Analysis of Greek Walnut Oil (<i>Juglans regia</i> L.). <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2002, 57, 51-56.	1.4	35
194	Effect of Phosphorus Concentration of the Nutrient Solution on the Volatile Constituents of Leaves and Bracts of <i>Origanum dictamnus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 6276-6280.	5.2	32
195	Diurnal and seasonal variation of the essential oil labdanes and clerodanes from <i>Cistus monspeliensis</i> L. leaves. <i>Biochemical Systematics and Ecology</i> , 2002, 30, 189-203.	1.3	34
196	A comparative study of the essential oils of <i>Cistus salviifolius</i> in several populations of Crete (Greece). <i>Biochemical Systematics and Ecology</i> , 2002, 30, 651-665.	1.3	50
197	A simple and rapid method for the differentiation of C-13 manoyl oxide epimers in biologically important samples using GC-MS analysis supported with NMR spectroscopy and computational chemistry results. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 3605-3609.	2.2	23
198	Labdane-type diterpenes: Chemistry and biological activity. <i>Studies in Natural Products Chemistry</i> , 2001, 25, 235-292.	1.8	70

#	ARTICLE	IF	CITATIONS
199	Labdane type diterpenes down-regulate the expression of c-myc protein, but not of bcl-2, in human leukemia T-cells undergoing apoptosis. <i>Leukemia Research</i> , 2001, 25, 449-454.	0.8	60
200	Structure elucidation and conformational properties of a novel bioactive clerodane diterpene using a combination of high field NMR spectroscopy, computational analysis and X-ray diffraction. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 837-840.	2.2	12
201	Structure elucidation, conformational analysis and thermal effects on membrane bilayers of an antimicrobial myricetin ether derivative. <i>Journal of Heterocyclic Chemistry</i> , 2001, 38, 703-710.	2.6	15
202	Ether Phospholipid-AZT Conjugates Possessing Anti-HIV and Antitumor Cell Activity. Synthesis, Conformational Analysis, and Study of Their Thermal Effects on Membrane Bilayers. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 1702-1709.	6.4	33
203	An interpopulation study of the essential oils of <i>Cistus parviflorus</i> L. growing in Crete (Greece). <i>Biochemical Systematics and Ecology</i> , 2001, 29, 405-415.	1.3	17
204	Chemical Analysis and Antimicrobial Activity of <i>Halimium voldii</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2001, 56, 979-982.	1.4	1
205	An Interpopulation Study of the Essential Oils of Various Parts of <i>Crithmum maritimum</i> L. Growing in Amorgos Island, Greece. <i>Journal of Essential Oil Research</i> , 2001, 13, 303-308.	2.7	16
206	Essential Oils and Hexane Extracts from Leaves and Fruits of <i>Cistus monspeliensis</i> . Cytotoxic Activity of ent-13-epi-Manoyl Oxide and its Isomers. <i>Planta Medica</i> , 2001, 67, 168-171.	1.3	35
207	Cytotoxic and Anti-Inflammatory Activity of Labdane and cis-Clerodane Type Diterpenes. <i>Planta Medica</i> , 2001, 67, 614-618.	1.3	55
208	Composition and Antimicrobial Studies of the Oils of <i>Origanum calcaratum</i> Juss. and <i>O. scabrum</i> Boiss. et Heldr. from Greece. <i>Journal of Essential Oil Research</i> , 2001, 13, 460-462.	2.7	37
209	Chemical Analysis and Antimicrobial Studies on Three Species of <i>Ferulago</i> from Greece. <i>Planta Medica</i> , 2000, 66, 560-563.	1.3	58
210	CYTOTOXIC ACTIVITY OF KAEMPFEROL GLYCOSIDES AGAINST HUMAN LEUKAEMIC CELL LINES IN VITRO. <i>Pharmacological Research</i> , 2000, 41, 83-86.	7.1	42
211	PHARMACOLOGICAL ACTIVITY OF NATURAL LIPIDS ON A SKIN BARRIER DISRUPTION MODEL. <i>Pharmacological Research</i> , 2000, 42, 55-59.	7.1	19
212	Biological activity of myricetin and its derivatives against human leukemic cell lines in vitro. <i>Pharmacological Research</i> , 2000, 42, 475-478.	7.1	31
213	Analysis of Labdane-Type Diterpenes from <i>Cistus creticus</i> (subsp. <i>creticus</i> and subsp. <i>eriocephalus</i>), by GC and GC-MS1. <i>Planta Medica</i> , 1999, 65, 735-739.	1.3	33
214	Volatile Constituents of Bracts and Leaves of Wild and Cultivated <i>Origanum dictamnus</i> . <i>Planta Medica</i> , 1999, 65, 189-191.	1.3	28
215	Chemical Analysis and Antimicrobial Activity of the Resin Ladano, of its Essential Oil and of the Isolated Compounds**. <i>Planta Medica</i> , 1999, 65, 76-78.	1.3	83
216	The effect of sclareol on growth and cell cycle progression of human leukemic cell lines. <i>Leukemia Research</i> , 1999, 23, 217-234.	0.8	70

#	ARTICLE	IF	CITATIONS
217	Cytotoxic and antiproliferative effects of heptaacetyltiliroside on human leukemic cell lines. <i>Leukemia Research</i> , 1999, 23, 1021-1033.	0.8	10
218	Chemotaxonomic survey of wild and cultivated <i>Cistus</i> L. species. <i>Plant Biosystems</i> , 1999, 133, 251-254.	1.6	6
219	Composition of the Essential Oils of Wild <i>Chamomilla recutita</i> (L.) Rausch. Grown in Greece. <i>Journal of Essential Oil Research</i> , 1998, 10, 635-636.	2.7	4
220	Cytotoxic Activity of Labdane Type Diterpenes Against Human Leukemic Cell Lines <i>in vitro</i> . <i>Planta Medica</i> , 1998, 64, 208-211.	1.3	108
221	Composition and Antimicrobial Activity of the Essential Oil of <i>Cistus creticus</i> subsp. <i>eriocephalus</i> . <i>Planta Medica</i> , 1997, 63, 477-479.	1.3	58
222	Unduloside, a New Iridoid Glycoside from <i>Verbascum undulatum</i> . <i>Journal of Natural Products</i> , 1996, 59, 673-675.	3.0	18
223	Composition and Antimicrobial Activity of the Essential oil of <i>Cistus creticus</i> L.. <i>Journal of Essential Oil Research</i> , 1995, 7, 407-410.	2.7	31
224	A New Drimane Sesquiterpene, Isomers of Manoyl Oxide and Other Volatile Constituents from the Resin of <i>Cistus incanus</i> subsp. <i>creticus</i> (L.) Heywood. <i>Journal of Essential Oil Research</i> , 1994, 6, 37-41.	2.7	7
225	Natural Metabolites of ent-13-epi-Manoyl Oxide and Other Cytotoxic Diterpenes from the Resin of <i>Cistus creticus</i> . <i>Planta Medica</i> , 1994, 60, 590-591.	1.3	43
226	Diterpene esters of malonic acid from the resin of <i>Cistus creticus</i> . <i>Phytochemistry</i> , 1994, 35, 979-981.	2.9	23
227	Synthesis of Quercetin-3-O- β -D-glucopyranosyl-(1 \rightarrow 2)- β -D-xylopyranoside Via Orthoester Methodology. <i>Journal of Natural Products</i> , 1994, 57, 1234-1238.	3.0	6
228	Bioactive Compounds from the Buds of <i>Platanus orientalis</i> and Isolation of a New Kaempferol Glycoside. <i>Planta Medica</i> , 1993, 59, 517-520.	1.3	62
229	Phase-transfer-catalyzed synthesis of flavonoid glycosides. <i>Carbohydrate Research</i> , 1990, 207, 131-137.	2.3	36
230	A New Labdane-Type Diterpene and Other Compounds from the Leaves of <i>Cistus incanus</i> ssp. <i>creticus</i> . <i>Journal of Natural Products</i> , 1990, 53, 1365-1368.	3.0	56
231	Cytotoxic and Antimicrobial Principles from the Roots of <i>Aristolochia longa</i> . <i>International Journal of Crude Drug Research</i> , 1990, 28, 149-151.	0.3	16