Giovanni F Palmieri

List of Publications by Year
in descending order

109 papers	3,559 citations	168829 31 h-index	182931 54 g-index
110 all docs	110 docs citations	110 times ranked	5208 citing authors

#	Article	IF	Citations
1	Antioxidant Properties of Ester Derivatives of Cinnamic and Hydroxycinnamic Acids in Nigella sativa and Extra-Virgin Olive Oils-Based Emulsions. Antioxidants, 2022, 11, 194.	2.2	2
2	Factors affecting the rheological behaviour of carbomer dispersions in hydroalcoholic medium: Towards the optimization of hand sanitiser gel formulations. International Journal of Pharmaceutics, 2022, 616, 121503.	2.6	6
3	High-Resolution Ultrasound Spectroscopy for the Determination of Phospholipid Transitions in Liposomal Dispersions. Pharmaceutics, 2022, 14, 668.	2.0	5
4	Insights in the rheological properties of PLGA-PEG-PLGA aqueous dispersions: Structural properties and temperature-dependent behaviour. Polymer, 2021, 213, 123216.	1.8	7
5	Amyloid Self-Assembly of Lysozyme in Self-Crowded Conditions: The Formation of a Protein Oligomer Hydrogel. Biomacromolecules, 2021, 22, 1147-1158.	2.6	11
6	Permeability-enhancing effects of three laurate-disaccharide monoesters across isolated rat intestinal mucosae. International Journal of Pharmaceutics, 2021, 601, 120593.	2.6	7
7	Rheological properties of cellulosic thickeners in hydro-alcoholic media: The science behind the formulation of hand sanitizer gels. International Journal of Pharmaceutics, 2021, 604, 120769.	2.6	8
8	A Design of Experiment (DoE) Approach to Model the Yield and Chemical Composition of Ajowan (Trachyspermum ammi L.) Essential Oil Obtained by Microwave-Assisted Extraction. Pharmaceuticals, 2021, 14, 816.	1.7	7
9	An Overview of Natural Polymers as Reinforcing Agents for 3D Printing. ChemEngineering, 2021, 5, 78.	1.0	19
10	Encapsulation of Flavours and Fragrances into Polymeric Capsules and Cyclodextrins Inclusion Complexes: An Update. Molecules, 2020, 25, 5878.	1.7	55
11	Surfactant Self-Assembling and Critical Micelle Concentration: One Approach Fits All?. Langmuir, 2020, 36, 5745-5753.	1.6	100
12	Properties and stability of nanoemulsions: How relevant is the type of surfactant?. Journal of Drug Delivery Science and Technology, 2020, 58, 101772.	1.4	19
13	Hand sanitisers amid CoViD-19: A critical review of alcohol-based products on the market and formulation approaches to respond to increasing demand. International Journal of Pharmaceutics, 2020, 584, 119431.	2.6	145
14	An Overview of Micro- and Nanoemulsions as Vehicles for Essential Oils: Formulation, Preparation and Stability. Nanomaterials, 2020, 10, 135.	1.9	242
15	3D-printed microfluidic chip for the preparation of glycyrrhetinic acid-loaded ethanolic liposomes. International Journal of Pharmaceutics, 2020, 584, 119436.	2.6	22
16	Quaternary Ammonium Leucine-Based Surfactants: The Effect of a Benzyl Group on Physicochemical Properties and Antimicrobial Activity. Pharmaceutics, 2019, 11, 287.	2.0	19
17	PEGylation affects the self-assembling behaviour of amphiphilic octapeptides. International Journal of Pharmaceutics, 2019, 571, 118752.	2.6	9
18	Microemulsions: An effective encapsulation tool to enhance the antimicrobial activity of selected EOs. Journal of Drug Delivery Science and Technology, 2019, 53, 101101.	1.4	31

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19	The influence of core tablets rheology on the mechanical properties of press-coated tablets. European Journal of Pharmaceutical Sciences, 2019, 135, 68-76.	1.9	13
20	PEGylated polylactide (PLA) and poly (lactic-co-glycolic acid) (PLGA) copolymers for the design of drug delivery systems. Journal of Pharmaceutical Investigation, 2019, 49, 443-458.	2.7	62
21	Quaternary ammonium surfactants derived from leucine and methionine: Novel challenging surface active molecules with antimicrobial activity. Journal of Molecular Liquids, 2019, 283, 249-256.	2.3	24
22	Effect of the concentration process on unloaded and doxorubicin loaded liposomal dispersions. International Journal of Pharmaceutics, 2019, 560, 385-393.	2.6	1
23	A comparison among Î²-caseins purified from milk of different species: Self-assembling behaviour and immunogenicity potential. Colloids and Surfaces B: Biointerfaces, 2019, 173, 210-216.	2.5	10
24	Chitosan-based nanosystems and their exploited antimicrobial activity. European Journal of Pharmaceutical Sciences, 2018, 117, 8-20.	1.9	196
25	Potassium canrenoate compounding for administration via enteral feeding tubes: a physical and microbiological stability study. European Journal of Hospital Pharmacy, 2018, 25, e120-e125.	0.5	0
26	Aggregation of zein in aqueous ethanol dispersions: Effect on cast film properties. International Journal of Biological Macromolecules, 2018, 106, 360-368.	3.6	31
27	A Tailored Thermosensitive PLGA-PEG-PLGA/Emulsomes Composite for Enhanced Oxcarbazepine Brain Delivery via the Nasal Route. Pharmaceutics, 2018, 10, 217.	2.0	35
28	Potentially Inappropriate Prescribing of Oral Solid Medications in Elderly Dysphagic Patients. Pharmaceutics, 2018, 10, 280.	2.0	14
29	Formulation, swelling and dissolution kinetics study of zein based matrix tablets. Powder Technology, 2017, 310, 241-249.	2.1	21
30	Influence of Testing Parameters on In Vitro Tramadol Release from Poloxamer Thermogels using the Immersion Cell Method. AAPS PharmSciTech, 2017, 18, 2706-2716.	1.5	3
31	Microemulsions enhance the shelfâ€life and processability of Smyrnium olusatrum L. essential oil. Flavour and Fragrance Journal, 2017, 32, 159-164.	1.2	29
32	Heating treatments affect the thermal behaviour of doxorubicin loaded in PEGylated liposomes. International Journal of Pharmaceutics, 2017, 534, 81-88.	2.6	13
33	Rhamnolipids as epithelial permeability enhancers for macromolecular therapeutics. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 119, 419-425.	2.0	18
34	Oral drug therapy in elderly with dysphagia: between a rock and a hard place!. Clinical Interventions in Aging, 2017, Volume 12, 241-251.	1.3	68
35	Water-in-Oil Microemulsions for Protein Delivery: Loading Optimization and Stability. Current Pharmaceutical Biotechnology, 2017, 18, 410-421.	0.9	5
36	Chemical and microbiological stability studies of an aqueous solution of pravastatin sodium salt for drug therapy of the dysphagic patients. European Journal of Hospital Pharmacy, 2016, 23, 288-293.	0.5	2

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37	Characterization of biosurfactants produced by Lactobacillus spp. and their activity against oral streptococci biofilm. Applied Microbiology and Biotechnology, 2016, 100, 6767-6777.	1.7	45
38	Nanoparticles Based on Linear and Star-Shaped Poly(Ethylene Glycol)-Poly(Îµ-Caprolactone) Copolymers for the Delivery of Antitubulin Drug. Pharmaceutical Research, 2016, 33, 2010-2024.	1.7	17
39	Correlation among chemical structure, surface properties and cytotoxicity of N-acyl alanine and serine surfactants. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 109, 93-102.	2.0	28
40	Incorporation of a Nuclear Localization Signal in pH Responsive LAH4-L1 Peptide Enhances Transfection and Nuclear Uptake of Plasmid DNA. Molecular Pharmaceutics, 2016, 13, 3141-3152.	2.3	46
41	Acoustic spectroscopy: A powerful analytical method for the pharmaceutical field?. International Journal of Pharmaceutics, 2016, 503, 174-195.	2.6	34
42	Chemicalâ€“physical properties and cytotoxicity of N -decanoyl amino acid-based surfactants: Effect of polar heads. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 492, 38-46.	2.3	33
43	Pulmonary delivery of rifampicin microspheres using lower generation polyamidoamine dendrimers as a carrier. Powder Technology, 2016, 291, 366-374.	2.1	35
44	Effect of manufacturing temperature and molecular weights on compression, mechanical and dissolution properties of PEO matrix tablets. Journal of Drug Delivery Science and Technology, 2016, 32, 236-240.	1.4	15
45	PEGylated Biodegradable Polyesters for PGSS Microparticles Formulation: Processability, Physical and Release Properties. Current Drug Delivery, 2016, 13, 673-681.	0.8	7
46	Oleanolic Acid Loaded PEGylated PLA and PLGA Nanoparticles with Enhanced Cytotoxic Activity against Cancer Cells. Molecular Pharmaceutics, 2015, 12, 2112-2125.	2.3	38
47	Dextran and its potential use as tablet excipient. Powder Technology, 2015, 273, 125-132.	2.1	22
48	Could Albumin Affect the Self-Assembling Properties of a Block Co-polymer System and Drug Release? An In-Vitro Study. Pharmaceutical Research, 2015, 32, 1094-1104.	1.7	7
49	Determination of factors controlling the particle size and entrapment efficiency of noscapine in PEG/PLA nanoparticles using artificial neural networks. International Journal of Nanomedicine, 2014, 9, 4953.	3.3	42
50	Rheological characterization of polyvinyl caprolactamâ€“polyvinyl acetateâ€“polyethylene glycol graft copolymer (SoluplusÂ®) water dispersions. Colloid and Polymer Science, 2014, 292, 235-241.	1.0	26
51	Use of in-die powder densification parameters in the implementation of process analytical technologies for tablet production on industrial scale. International Journal of Pharmaceutics, 2014, 477, 140-147.	2.6	6
52	Evaluation of Citrus Fibers as a Tablet Excipient. AAPS PharmSciTech, 2014, 15, 279-286.	1.5	6
53	Evaluation of thermosensitive poloxamer 407 gel systems for the sustained release of estradiol in a fish model. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 88, 954-961.	2.0	22
54	Evaluation of P(L)LA-PEG-P(L)LA as processing aid for biodegradable particles from gas saturated solutions (PGSS) process. International Journal of Pharmaceutics, 2014, 468, 250-257.	2.6	27

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55	Quantification, Microbial Contamination, Physico-chemical Stability of Repackaged Bevacizumab Stored Under Different Conditions. Current Pharmaceutical Biotechnology, 2014, 15, 113-119.	0.9	18
56	Rheological and thermo-mechanical properties of Sepifilmâ€“Sepisperse water dispersions and films. Thermochimica Acta, 2013, 557, 7-12.	1.2	2
57	Effect of phosphate buffer on the micellisation process of Poloxamer 407: Microcalorimetry, acoustic spectroscopy and dynamic light scattering (DLS) studies. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 436, 123-129.	2.3	24
58	Characterization of ternary phase diagrams by means of thermal and rheological analyses. Drug Development and Industrial Pharmacy, 2013, 39, 1547-1554.	0.9	6
59	Characterization of the interaction between chitosan and inorganic sodium phosphates by means of rheological and optical microscopy studies. Carbohydrate Polymers, 2013, 91, 597-602.	5.1	28
60	The use of acoustic spectroscopy in the characterisation of ternary phase diagrams. International Journal of Pharmaceutics, 2013, 441, 603-610.	2.6	7
61	Effect of temperature increase during the tableting of pharmaceutical materials. International Journal of Pharmaceutics, 2013, 448, 320-326.	2.6	34
62	Evaluation of methoxy polyethylene glycolâ€polylactide diblock copolymers as additive in hypromellose film coating. Polymers for Advanced Technologies, 2013, 24, 1018-1024.	1.6	4
63	A Study on the Stability and Enzymatic Activity of Yeast Alcohol Dehydrogenase in Presence of the Self-Assembling Block Copolymer Poloxamer 407. Applied Biochemistry and Biotechnology, 2012, 167, 298-313.	1.4	7
64	Poloxamer Thermogel Systems as Medium for Crystallization. Pharmaceutical Research, 2012, 29, 818-826.	1.7	16
65	Synthesis of Novel 4-Aryl-1,2,3,4-tetrahydroisoquinolines as Probes for Dopamine Receptor Ligands. Medicinal Chemistry, 2012, 8, 699-704.	0.7	0
66	Thermosensitive Self-Assembling Block Copolymers as Drug Delivery Systems. Polymers, 2011, 3, 779-811.	2.0	101
67	Dynamic mechanical thermal analysis of hypromellose 2910 free films. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 79, 458-463.	2.0	28
68	What are parameters affecting Leu-enkephalin loading and release from poly(isobutylcyanoacrylate) nanoparticles coated with thiolated chitosan?. Journal of Drug Delivery Science and Technology, 2011, 21, 385-393.	1.4	3
69	Evaluation of Polymer Mucoadhesiveness by the Use of Acoustic Spectroscopy. AAPS PharmSciTech, 2010, 11, 1232-1236.	1.5	3
70	Monitoring the aggregation behaviour of self-assembling polymers through high-resolution ultrasonic spectroscopy. International Journal of Pharmaceutics, 2010, 388, 274-279.	2.6	17
71	Design, synthesis, and preliminary pharmacological evaluation of new imidazolinones as l-DOPA prodrugs. Bioorganic and Medicinal Chemistry, 2010, 18, 1834-1843.	1.4	27
72	Colloidal soft matter as drug delivery system. Journal of Pharmaceutical Sciences, 2009, 98, 1-42.	1.6	120

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73	Evaluation of dissolution kinetics of hydrophilic polymers by use of acoustic spectroscopy. International Journal of Pharmaceutics, 2009, 377, 153-158.	2.6	13
74	Characterization and Stability of Emulsion Gels Based on Acrylamide/Sodium Acryloyldimethyl Taurate Copolymer. AAPS PharmSciTech, 2009, 10, 368-375.	1.5	37
75	The effect of punch tilting in evaluating powder densification in a rotary tablet machine. Journal of Pharmaceutical Sciences, 2008, 97, 1277-1284.	1.6	7
76	Characterization of Micellar Systems by the Use of Acoustic Spectroscopy. Journal of Pharmaceutical Sciences, 2008, 97, 2217-2227.	1.6	17
77	Rheological Evaluation of Silicon/Carbopol Hydrophilic Gel Systems as a Vehicle for Delivery of Water Insoluble Drugs. AAPS Journal, 2008, 10, 84-91.	2.2	21
78	Mechanical characterization of pharmaceutical solids: A comparison between rheological tests performed under static and dynamic porosity conditions. European Journal of Pharmaceutics and Biopharmaceutics, 2007, 67, 277-283.	2.0	5
79	Stress relaxation test for the characterization of the viscoelasticity of pellets. European Journal of Pharmaceutics and Biopharmaceutics, 2007, 67, 476-484.	2.0	40
80	Mucoadhesion mechanism of chitosan and thiolated chitosan-poly(isobutyl cyanoacrylate) core-shell nanoparticles. Biomaterials, 2007, 28, 2233-2243.	5.7	270
81	Effect of hydroxypropyl Î²-cyclodextrin on the self-assembling and thermogelation properties of Poloxamer 407. European Journal of Pharmaceutical Sciences, 2007, 32, 115-122.	1.9	55
82	Rheological, adhesive and release characterisation of semisolid Carbopol/tetraglycol systems. International Journal of Pharmaceutics, 2006, 307, 129-140.	2.6	67
83	Effect of plasticizers on properties of pregelatinised starch acetate (Amprac 01) free films. International Journal of Pharmaceutics, 2006, 313, 72-77.	2.6	31
84	Acrylic polymers as thickening agents for tetraglycol cosolvent. Journal of Pharmaceutical Sciences, 2006, 95, 726-736.	1.6	7
85	Rheological and adhesive properties of new thermoresponsive hyperbranched poly[ethylene oxide-b-propylene oxide-b-ethylene oxide]. Journal of Drug Delivery Science and Technology, 2006, 16, 59-64.	1.4	3
86	Differences between eccentric and rotary tablet machines in the evaluation of powder densification behaviour. International Journal of Pharmaceutics, 2005, 298, 164-175.	2.6	27
87	Rheological and Dielectric Characterization of Monoolein/Water Mesophases in the Presence of a Peptide Drug. Journal of Pharmaceutical Sciences, 2005, 94, 2452-2462.	1.6	24
88	Mucoadhesion dependence of pharmaceutical polymers on mucosa characteristics. European Journal of Pharmaceutical Sciences, 2004, 22, 225-234.	1.9	45
89	Rheological, mucoadhesive and release properties of Carbopol gels in hydrophilic cosolvents. International Journal of Pharmaceutics, 2004, 282, 115-130.	2.6	158
90	Ketoprofen-poly(vinylpyrrolidone) physical interaction. Journal of Crystal Growth, 2004, 265, 302-308.	0.7	40

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91	Gastro-resistant microspheres containing ketoprofen. Journal of Microencapsulation, 2002, 19, 111-119.	1.2	46
92	Lonidamine Solid Dispersions: In Vitro and In Vivo Evaluation. Drug Development and Industrial Pharmacy, 2002, 28, 1241-1250.	0.9	25
93	Microencapsulation of semisolid ketoprofen/polymer microspheres. International Journal of Pharmaceutics, 2002, 242, 175-178.	2.6	17
94	Influence of crystal habit on the compression and densification mechanism of ibuprofen. Journal of Crystal Growth, 2002, 243, 345-355.	0.7	38
95	Spray-Drying as a Method for Microparticulate Controlled Release Systems Preparation: Advantages and Limits. I. Water-Soluble Drugs. Drug Development and Industrial Pharmacy, 2001, 27, 195-204.	0.9	59
96	The spray drying of acetazolamide as method to modify crystal properties and to improve compression behaviour. International Journal of Pharmaceutics, 2001, 213, 209-221.	2.6	53
97	Physical characterization of naproxen sodium hydrate and anhydrate forms. European Journal of Pharmaceutical Sciences, 2001, 14, 293-300.	1.9	48
98	Molecular Mobility of the Paracetamol Amorphous Form.. Chemical and Pharmaceutical Bulletin, 2000, 48, 1105-1108.	0.6	60
99	Emulsion/Solvent Evaporation as an Alternative Technique in Pellet Preparation. Drug Development and Industrial Pharmacy, 2000, 26, 1151-1158.	0.9	7
100	Polymers with pH-Dependent Solubility: Possibility of Use in the Formulation of Gastroresistant and Controlled-Release Matrix Tablets. Drug Development and Industrial Pharmacy, 2000, 26, 837-845.	0.9	30
101	New Controlled-Release Ibuprofen Tablets. Drug Development and Industrial Pharmacy, 1999, 25, 671-677.	0.9	16
102	Methoxybutropate Microencapsulation by Gelatin-Acacia Complex Coacervation. Drug Development and Industrial Pharmacy, 1999, 25, 399-407.	0.9	27
103	Evaluation of the Mixing Effectiveness of a New Powder Mixer. Drug Development and Industrial Pharmacy, 1998, 24, 81-88.	0.9	4
104	Interactions Between Lonidamine and Î²-or Hydroxypropyl-Î²-Cyclodextrin. Drug Development and Industrial Pharmacy, 1998, 24, 653-660.	0.9	14
105	Inclusion of Methoxybutropate in Î²-and Hydroxypropyl Î²-Cyclodextrins: Comparison of Preparation Methods. Drug Development and Industrial Pharmacy, 1997, 23, 27-37.	0.9	20
106	Gelatin-Acacia Complex Coacervation as a Method for Ketoprofen Microencapsulation. Drug Development and Industrial Pharmacy, 1996, 22, 951-957.	0.9	27
107	Aqueous Acrylic Resin for Coating an Original Theophylline Granulate. Drug Development and Industrial Pharmacy, 1995, 21, 879-888.	0.9	7
108	Inclusion of Vitamin D2 in Î²-Cyclodextrin. Evaluation of Different Complexation Methods. Drug Development and Industrial Pharmacy, 1993, 19, 875-885.	0.9	12

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109	Inclusion complexation of vitamin a palmitate with Î²-cyclodextrin in aqueous solution. Drug Development and Industrial Pharmacy, 1992, 18, 2117-2121.	0.9	13