Giuseppina Sandri

List of Publications by Year
in descending order

125	5,245	76196	102304
papers	citations	40 h-index	66 g-index

128	128	128	6245
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Resveratrol-loaded solid lipid nanoparticles versus nanostructured lipid carriers: evaluation of antioxidant potential for dermal applications. International Journal of Nanomedicine, 2012, 7, 1841.	3.3	255
2	Mucoadhesive and thermogelling systems for vaginal drug delivery. Advanced Drug Delivery Reviews, 2015, 92, 39-52.	6.6	197
3	Nanoemulsions for â€œNose-to-Brainâ€•Drug Delivery. Pharmaceutics, 2019, 11, 84.	2.0	158
4	Assessment of chitosan derivatives as buccal and vaginal penetration enhancers. European Journal of Pharmaceutical Sciences, 2004, 21, 351-359.	1.9	151
5	Essential oil-loaded lipid nanoparticles for wound healing. International Journal of Nanomedicine, 2018, Volume 13, 175-186.	3.3	151
6	Cyclosporine A loaded SLNs: Evaluation of cellular uptake and corneal cytotoxicity. International Journal of Pharmaceutics, 2008, 364, 76-86.	2.6	145
7	Buccal penetration enhancement properties of N-trimethyl chitosan: Influence of quaternization degree on absorption of a high molecular weight molecule. International Journal of Pharmaceutics, 2005, 297, 146-155.	2.6	127
8	Halloysite and chitosan oligosaccharide nanocomposite for wound healing. Acta Biomaterialia, 2017, 57, 216-224.	4.1	125
9	Nanoparticles based on N-trimethylchitosan: Evaluation of absorption properties using in vitro (Caco-2 cells) and ex vivo (excised rat jejunum) models. European Journal of Pharmaceutics and Biopharmaceutics, 2007, 65, 68-77.	2.0	124
10	Buccal drug delivery: A challenge already won?. Drug Discovery Today: Technologies, 2005, 2, 59-65.	4.0	121
11	In vitro biocompatibility and mucoadhesion of montmorillonite chitosan nanocomposite: A new drug delivery. Applied Clay Science, 2012, 55, 131-137.	2.6	118
12	Montmorilloniteâ€“chitosanâ€“silver sulfadiazine nanocomposites for topical treatment of chronic skin lesions: In vitro biocompatibility, antibacterial efficacy and gap closure cell motility properties. Carbohydrate Polymers, 2014, 102, 970-977.	5.1	96
13	Wound dressings based on silver sulfadiazine solid lipid nanoparticles for tissue repairing. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 84, 84-90.	2.0	88
14	Mucoadhesive and penetration enhancement properties of three grades of hyaluronic acid using porcine buccal and vaginal tissue, Caco-2 cell lines, and rat jejunum. Journal of Pharmacy and Pharmacology, 2010, 56, 1083-1090.	1.2	86
15	Solid state characterisation of silver sulfadiazine loaded on montmorillonite/chitosan nanocomposite for wound healing. Colloids and Surfaces B: Biointerfaces, 2014, 113, 152-157.	2.5	86
16	Recent Advances in the Development of In Situ Gelling Drug Delivery Systems for Non-Parenteral Administration Routes. Pharmaceutics, 2020, 12, 859.	2.0	85
17	Advances in oral controlled drug delivery: the role of drugâ€“polymer and interpolymer non-covalent interactions. Expert Opinion on Drug Delivery, 2015, 12, 441-453.	2.4	82
18	Buccal Delivery of Acyclovir from Films Based on Chitosan and Polyacrylic Acid. Pharmaceutical Development and Technology, 2003, 8, 199-208.	1.1	79

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19	Development of chitosan oleate ionic micelles loaded with silver sulfadiazine to be associated with platelet lysate for application in wound healing. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 88, 643-650.	2.0	78
20	Cyclosporine A-Loaded Solid Lipid Nanoparticles: Ocular Tolerance andIn VivoDrug Release in Rabbit Eyes. Current Eye Research, 2009, 34, 996-1003.	0.7	77
21	Chitosan and its salts for mucosal and transmucosal delivery. Expert Opinion on Drug Delivery, 2009, 6, 923-939.	2.4	76
22	Wound Dressings Based on Chitosans and Hyaluronic Acid for the Release of Chlorhexidine Diacetate in Skin Ulcer Therapy. Pharmaceutical Development and Technology, 2007, 12, 415-422.	1.1	74
23	Hyaluronic acid and chitosan-based nanosystems: a new dressing generation for wound care. Expert Opinion on Drug Delivery, 2019, 16, 715-740.	2.4	74
24	Nanoparticle formulations to enhance tumor targeting of poorly soluble polyphenols with potential anticancer properties. Seminars in Cancer Biology, 2017, 46, 205-214.	4.3	73
25	Insulin-Loaded Nanoparticles Based on N-Trimethyl Chitosan: In Vitro (Caco-2 Model) and Ex Vivo (Excised Rat Jejunum, Duodenum, and Ileum) Evaluation of Penetration Enhancement Properties. AAPS PharmSciTech, 2010, 11, 362-371.	1.5	71
26	Chitosan-associated SLN:in vitroandex vivocharacterization of cyclosporine A loaded ophthalmic systems. Journal of Microencapsulation, 2010, 27, 735-746.	1.2	70
27	Thiolated poly(aspartic acid) as potential in situ gelling, ocular mucoadhesive drug delivery system. European Journal of Pharmaceutical Sciences, 2015, 67, 1-11.	1.9	66
28	Platelet lysate formulations based on mucoadhesive polymers for the treatment of corneal lesions. Journal of Pharmacy and Pharmacology, 2011, 63, 189-198.	1.2	60
29	Chitosan/Glycosaminoglycan Scaffolds: The Role of Silver Nanoparticles to Control Microbial Infections in Wound Healing. Polymers, 2019, 11, 1207.	2.0	59
30	Chitosan/glycosaminoglycan scaffolds for skin reparation. Carbohydrate Polymers, 2019, 220, 219-227.	5.1	59
31	Chitosan-coupled solid lipid nanoparticles: Tuning nanostructure and mucoadhesion. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 110, 13-18.	2.0	57
32	Chitosan gels for the vaginal delivery of lactic acid: Relevance of formulation parameters to mucoadhesion and release mechanisms. AAPS PharmSciTech, 2006, 7, E141-E147.	1.5	56
33	Chitosan citrate as multifunctional polymer for vaginal delivery. European Journal of Pharmaceutical Sciences, 2008, 33, 166-176.	1.9	53
34	Chitosan gel containing polymeric nanocapsules: a new formulation for vaginal drug delivery. International Journal of Nanomedicine, 2014, 9, 3151.	3.3	52
35	Thermosensitive eyedrops containing platelet lysate for the treatment of corneal ulcers. International Journal of Pharmaceutics, 2012, 426, 1-6.	2.6	51
36	Comparison of poloxamer- and chitosan-based thermally sensitive gels for the treatment of vaginal mucositis. Drug Development and Industrial Pharmacy, 2014, 40, 352-360.	0.9	49

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37	A novel ionic amphiphilic chitosan derivative as a stabilizer of nanoemulsions: Improvement of antimicrobial activity of Cymbopogon citratus essential oil. Colloids and Surfaces B: Biointerfaces, 2017, 152, 385-392.	2.5	48
38	Freeze dried chitosan acetate dressings with glycosaminoglycans and traxenamic acid. Carbohydrate Polymers, 2018, 184, 408-417.	5.1	43
39	Rheological analysis and mucoadhesion: A 30 year-old and still active combination. Journal of Pharmaceutical and Biomedical Analysis, 2018, 156, 232-238.	1.4	42
40	Platelet Lysate Mucohadesive Formulation to Treat Oral Mucositis in Graft Versus Host Disease Patients: A New Therapeutic Approach. AAPS PharmSciTech, 2011, 12, 893-9.	1.5	41
41	The role of chitosan as coating material for nanostructured lipid carriers for skin delivery of fucoxanthin. International Journal of Pharmaceutics, 2019, 567, 118487.	2.6	41
42	Ophthalmic delivery systems based on drugâ€“polymerâ€“polymer ionic ternary interaction: In vitro and in vivo characterization. European Journal of Pharmaceutics and Biopharmaceutics, 2006, 62, 59-69.	2.0	39
43	Platelet lysate embedded scaffolds for skin regeneration. Expert Opinion on Drug Delivery, 2015, 12, 525-545.	2.4	39
44	Sponge-Like Dressings Based on the Association of Chitosan and Sericin for the Treatment of Chronic Skin Ulcers. I. Design of Experimentsâ€“Assisted Development. Journal of Pharmaceutical Sciences, 2016, 105, 1180-1187.	1.6	39
45	A comparative evaluation of coenzyme Q10-loaded liposomes and solid lipid nanoparticles as dermal antioxidant carriers. International Journal of Nanomedicine, 2012, 7, 5109.	3.3	38
46	Intestinal permeability of oxytetracycline from chitosan-montmorillonite nanocomposites. Colloids and Surfaces B: Biointerfaces, 2014, 117, 441-448.	2.5	37
47	Calcium alginate particles for the combined delivery of platelet lysate and vancomycin hydrochloride in chronic skin ulcers. International Journal of Pharmaceutics, 2014, 461, 505-513.	2.6	37
48	Montmorillonite-norfloxacin nanocomposite intended for healing of infected wounds . International Journal of Nanomedicine, 2019, Volume 14, 5051-5060.	3.3	37
49	Preparation and characterization of polysaccharide-based nanoparticles with anticoagulant activity. International Journal of Nanomedicine, 2012, 7, 2975.	3.3	36
50	An In Situ Gelling Buccal Spray Containing Platelet Lysate for the Treatment of Oral Mucositis. Current Drug Discovery Technologies, 2011, 8, 277-285.	0.6	35
51	Nanofiber Scaffolds as Drug Delivery Systems to Bridge Spinal Cord Injury. Pharmaceuticals, 2017, 10, 63.	1.7	35
52	Chitosan Ascorbate Nanoparticles for the Vaginal Delivery of Antibiotic Drugs in Atrophic Vaginitis. Marine Drugs, 2017, 15, 319.	2.2	34
53	Recent advances in the mucus-interacting approach for vaginal drug delivery: from mucoadhesive to mucus-penetrating nanoparticles. Expert Opinion on Drug Delivery, 2019, 16, 777-781.	2.4	34
54	Innovative Strategies in Tendon Tissue Engineering. Pharmaceutics, 2021, 13, 89.	2.0	34

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55	Mucoadhesive behaviour of emulsions containing polymeric emulsifier. European Journal of Pharmaceutical Sciences, 2008, 34, 226-235.	1.9	33
56	Particulate systems based on pectin/chitosan association for the delivery of manuka honey components and platelet lysate in chronic skin ulcers. International Journal of Pharmaceutics, 2016, 509, 59-70.	2.6	31
57	Platelet lysate loaded electrospun scaffolds: Effect of nanofiber types on wound healing. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 142, 247-257.	2.0	31
58	Halloysite- and Montmorillonite-Loaded Scaffolds as Enhancers of Chronic Wound Healing. Pharmaceutics, 2020, 12, 179.	2.0	31
59	Norfloxacin-Loaded Electrospun Scaffolds: Montmorillonite Nanocomposite vs. Free Drug. Pharmaceutics, 2020, 12, 325.	2.0	31
60	Chitosan Ascorbate: A Chitosan Salt with Improved Penetration Enhancement Properties. Pharmaceutical Development and Technology, 2008, 13, 513-521.	1.1	30
61	New Therapeutic Platforms for the Treatment of Epithelial and Cutaneous Lesions. Current Drug Delivery, 2013, 10, 18-31.	0.8	30
62	Electrospun Scaffolds in Periodontal Wound Healing. Polymers, 2021, 13, 307.	2.0	29
63	Collagen/PCL Nanofibers Electrospun in Green Solvent by DOE Assisted Process. An Insight into Collagen Contribution. Materials, 2020, 13, 4698.	1.3	28
64	Sponge-Like Dressings Based on the Association of Chitosan and Sericin for the Treatment of Chronic Skin Ulcers. II. Loading of the Hemoderivative Platelet Lysate. Journal of Pharmaceutical Sciences, 2016, 105, 1188-1195.	1.6	27
65	Nanotechnology-Based Medical Devices for the Treatment of Chronic Skin Lesions: From Research to the Clinic. Pharmaceutics, 2020, 12, 815.	2.0	27
66	Coated electrospun alginate-containing fibers as novel delivery systems for regenerative purposes. International Journal of Nanomedicine, 2018, Volume 13, 6531-6550.	3.3	26
67	Wound Healing Activity of Nanoclay/Spring Water Hydrogels. Pharmaceutics, 2020, 12, 467.	2.0	26
68	Design and criteria of electrospun fibrous scaffolds for the treatment of spinal cord injury. Neural Regeneration Research, 2017, 12, 1786.	1.6	26
69	Inorganic Nanomaterials in Tissue Engineering. Pharmaceutics, 2022, 14, 1127.	2.0	26
70	Differentiating Factors between Oral Fast-Dissolving Technologies. American Journal of Drug Delivery, 2006, 4, 249-262.	0.6	25
71	Comparative study of nanosized cross-linked sodium-, linear sodium- and zinc-hyaluronate as potential ocular mucoadhesive drug delivery systems. International Journal of Pharmaceutics, 2015, 494, 321-328.	2.6	25
72	Electrospun Alginate Fibers: Mixing of Two Different Poly(ethylene oxide) Grades to Improve Fiber Functional Properties. Nanomaterials, 2018, 8, 971.	1.9	25

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73	Electrospun Gelatinâ€“Chondroitin Sulfate Scaffolds Loaded with Platelet Lysate Promote Immature Cardiomyocyte Proliferation. Polymers, 2018, 10, 208.	2.0	24
74	Chitosan-Coated Poly(lactic acid) Nanofibres Loaded with Essential Oils for Wound Healing. Polymers, 2021, 13, 2582.	2.0	24
75	Controlled delivery systems for tissue repair and regeneration. Journal of Drug Delivery Science and Technology, 2016, 32, 206-228.	1.4	23
76	Floating modular drug delivery systems with buoyancy independent of release mechanisms to sustain amoxicillin and clarithromycin intra-gastric concentrations. Drug Development and Industrial Pharmacy, 2016, 42, 332-339.	0.9	23
77	The effect of thiol content on the gelation and mucoadhesion of thiolated poly(aspartic acid). Polymer International, 2017, 66, 1538-1545.	1.6	23
78	Platelet lysate and chondroitin sulfate loaded contact lenses to heal corneal lesions. International Journal of Pharmaceutics, 2016, 509, 188-196.	2.6	22
79	Development of a Mucoadhesive in Situ Gelling Formulation for the Delivery of Lactobacillus gasseri into Vaginal Cavity. Pharmaceutics, 2019, 11, 511.	2.0	21
80	Dual-Functioning Scaffolds for the Treatment of Spinal Cord Injury: Alginate Nanofibers Loaded with the Sigma 1 Receptor (S1R) Agonist RC-33 in Chitosan Films. Marine Drugs, 2020, 18, 21.	2.2	21
81	Development of a Mucoadhesive and an in Situ Gelling Formulation Based on Î¹-Carrageenan for Application on Oral Mucosa and Esophagus Walls. II. Loading of a Bioactive Hydroalcoholic Extract. Marine Drugs, 2019, 17, 153.	2.2	20
82	Biomaterials for Soft Tissue Repair and Regeneration: A Focus on Italian Research in the Field. Pharmaceutics, 2021, 13, 1341.	2.0	20
83	Association of Alpha Tocopherol and Ag Sulfadiazine Chitosan Oleate Nanocarriers in Bioactive Dressings Supporting Platelet Lysate Application to Skin Wounds. Marine Drugs, 2018, 16, 56.	2.2	19
84	Chitosan Oleate Coated Poly Lactic-Glycolic Acid (PLGA) Nanoparticles versus Chitosan Oleate Self-Assembled Polymeric Micelles, Loaded with Resveratrol. Marine Drugs, 2019, 17, 515.	2.2	19
85	Ciprofloxacin carrier systems based on hectorite/halloysite hybrid hydrogels for potential wound healing applications. Applied Clay Science, 2021, 215, 106310.	2.6	19
86	Penetration and Distribution of Thiocolchicoside through Human Skin: Comparison Between a Commercial Foam (MiotensÂ®) and a Drug Solution. AAPS PharmSciTech, 2008, 9, 1185-1190.	1.5	17
87	Water-based synthesis of keratin micro- and nanoparticles with tunable mucoadhesive properties for drug delivery. Journal of Materials Chemistry B, 2019, 7, 4385-4392.	2.9	17
88	An In Situ Gelling System for the Local Treatment of Inflammatory Bowel Disease (IBD). The Loading of Maqui (Aristotelia Chilensis) Berry Extract as an Antioxidant and Anti-Inflammatory Agent. Pharmaceutics, 2019, 11, 611.	2.0	17
89	Halloysite nanotubes as tools to improve the actual challenge of fixed doses combinations in tuberculosis treatment. Journal of Biomedical Materials Research - Part A, 2019, 107, 1513-1521.	2.1	16
90	Development of sponge-like dressings for mucosal/transmucosal drug delivery into vaginal cavity. Pharmaceutical Development and Technology, 2012, 17, 219-226.	1.1	15

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91	Development of a Mucoadhesive and In Situ Gelling Formulation Based on Î¹-Carrageenan for Application on Oral Mucosa and Esophagus Walls. I. A Functional In Vitro Characterization. Marine Drugs, 2019, 17, 112.	2.2	14
92	Vancomycinâ€“Triacetyl Cyclodextrin Interaction Products for Prolonged Drug Delivery. Pharmaceutical Development and Technology, 2008, 13, 65-73.	1.1	13
93	Polymer/Iron-Based Layered Double Hydroxides as Multifunctional Wound Dressings. Pharmaceutics, 2020, 12, 1130.	2.0	13
94	The Role of Particle Size in Drug Release and Absorption. Particle Technology Series, 2014, , 323-341.	0.5	13
95	Engineered microparticles based on drugâ€“polymer coprecipitates for ocular-controlled delivery of Ciprofloxacin: influence of technological parameters. Drug Development and Industrial Pharmacy, 2016, 42, 554-562.	0.9	12
96	Gellan-Based Composite System as a Potential Tool for the Treatment of Nervous Tissue Injuries: Cross-Linked Electrospun Nanofibers Embedded in a RC-33-Loaded Freeze-Dried Matrix. Pharmaceutics, 2021, 13, 164.	2.0	12
97	A Composite Nanosystem as a Potential Tool for the Local Treatment of Glioblastoma: Chitosan-Coated Solid Lipid Nanoparticles Embedded in Electrospun Nanofibers. Polymers, 2021, 13, 1371.	2.0	12
98	Maltodextrin-amino acids electrospun scaffolds cross-linked with Maillard-type reaction for skin tissue engineering. Materials Science and Engineering C, 2022, 133, 112593.	3.8	12
99	In Situ Gelling Scaffolds Loaded with Platelet Growth Factors to Improve Cardiomyocyte Survival after Ischemia. ACS Biomaterials Science and Engineering, 2019, 5, 329-338.	2.6	11
100	Chitosan Oleate Coated PLGA Nanoparticles as siRNA Drug Delivery System. Pharmaceutics, 2021, 13, 1716.	2.0	11
101	Bioactive Medications for the Delivery of Platelet Derivatives to Skin Wounds. Current Drug Delivery, 2019, 16, 472-483.	0.8	10
102	In vitro testing of thiolated poly(aspartic acid) from ophthalmic formulation aspects. Drug Development and Industrial Pharmacy, 2016, 42, 1241-1246.	0.9	9
103	Application of DoE approach in the development of mini-capsules, based on biopolymers and manuka honey polar fraction, as powder formulation for the treatment of skin ulcers. International Journal of Pharmaceutics, 2017, 516, 266-277.	2.6	9
104	Chitosan Oleate Salt as an Amphiphilic Polymer for the Surface Modification of Poly-Lactic-Glycolic Acid (PLGA) Nanoparticles. Preliminary Studies of Mucoadhesion and Cell Interaction Properties. Marine Drugs, 2018, 16, 447.	2.2	9
105	Skin Localization of Lipid Nanoparticles (SLN/NLC): Focusing the Influence of Formulation Parameters. Current Drug Delivery, 2016, 13, 1100-1110.	0.8	9
106	Buccal Delivery Systems for Peptides. American Journal of Drug Delivery, 2005, 3, 215-225.	0.6	8
107	Design of Experiments-Assisted Development of Clotrimazole-Loaded Ionic Polymeric Micelles Based on Hyaluronic Acid. Nanomaterials, 2020, 10, 635.	1.9	8
108	Smart Device for Biologically Enhanced Functional Regeneration of Osteoâ€“Tendon Interface. Pharmaceutics, 2021, 13, 1996.	2.0	8

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109	Cationic Thiolated Poly(aspartamide) Polymer as a Potential Excipient for Artificial Tear Formulations. Journal of Ophthalmology, 2016, 2016, 1-8.	0.6	7
110	InÂvitro evaluation of a protective nasal spray: Measurements of mucoadhesion and reconstructive barrier properties towards a tracheobronchial reconstruct. Journal of Drug Delivery Science and Technology, 2015, 30, 368-374.	1.4	6
111	The effect of the antioxidant on the properties of thiolated poly(aspartic acid) polymers in aqueous ocular formulations. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 113, 178-187.	2.0	6
112	(Trans)buccal drug delivery. , 2020, , 225-250.		6
113	Correlation between Elemental Composition/Mobility and Skin Cell Proliferation of Fibrous Nanoclay/Spring Water Hydrogels. Pharmaceutics, 2020, 12, 891.	2.0	5
114	Thermoanalytical and microscopical investigation of the microstructure of emulsions containing polymeric emulsifier. Journal of Thermal Analysis and Calorimetry, 2008, 94, 271-274.	2.0	4
115	Mucoadhesive Polymers as Enabling Excipients for Oral Mucosal Drug Delivery. Advances in Delivery Science and Technology, 2015, , 53-88.	0.4	4
116	Effects of Particle Size, Surface Nature and Crystal Type on Dissolution Rate. AAPS Advances in the Pharmaceutical Sciences Series, 2018, , 303-328.	0.2	4
117	Synergy of Hydeal-DÂ® and Hyaluronic Acid for Protecting and Restoring Urothelium: In Vitro Characterization. Pharmaceutics, 2021, 13, 1450.	2.0	3
118	Assessment of Hectorite/Spring Water Hydrogels as Wound Healing Products. Proceedings (mdpi), 2020, 78, .	0.2	3
119	Cephalexin loading and controlled release studies on mesoporous silica functionalized with amino groups. Journal of Drug Delivery Science and Technology, 2022, 72, 103348.	1.4	3
120	Medical Devices for Oral Mucosal Applications. Advances in Delivery Science and Technology, 2015, , 225-245.	0.4	1
121	Wound Healing: Hemoderivatives and Biopolymers. , 2017, , 1642-1660.		1
122	Platelet Derived Growth Factors in a Mucoadhesive Vehicle for Treatment of Patients with Oral Mucositis in Graft Versus Host Disease. Blood, 2008, 112, 4333-4333.	0.6	1
123	Assessment of Proliferation Induced in Fibroblasts and Rabbit Corneal Epithelial Cells by a Platelet Lysate Formulation: A Stability Study. Blood, 2008, 112, 4072-4072.	0.6	0
124	Wound Healing: Hemoderivatives and Biopolymers. , 0, , 8280-8298.		0
125	Hybrid Lipid/Clay Carrier Systems Containing Annatto Oil for Topical Formulations. Pharmaceutics, 2022, 14, 1067.	2.0	0