

Stefano Giovagnoli

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

111
papers

3,114
citations

31
h-index

52
g-index

120
ext. papers

3,557
ext. citations

6.3
avg, IF

5.09
L-index

#	Paper	IF	Citations
111	Solid lipid nanoparticles for targeted brain drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2007 , 59, 454-485	11.5	362
110	Modification of theophylline release with alginate gel formed in hard capsules. <i>AAPS PharmSciTech</i> , 2007 , 8, E51	3.9	221
109	Development of mucoadhesive patches for buccal administration of ibuprofen. <i>Journal of Controlled Release</i> , 2004 , 99, 73-82	11.7	167
108	Novel mucoadhesive buccal formulation containing metronidazole for the treatment of periodontal disease. <i>Journal of Controlled Release</i> , 2004 , 95, 521-33	11.7	128
107	Improvement of dissolution rate of piroxicam by inclusion into MCM-41 mesoporous silicate. <i>European Journal of Pharmaceutical Sciences</i> , 2007 , 32, 216-22	5.1	79
106	Evaluation of indomethacin percutaneous absorption from nanostructured lipid carriers (NLC): in vitro and in vivo studies. <i>Journal of Pharmaceutical Sciences</i> , 2005 , 94, 1149-59	3.9	79
105	Ketoprofen controlled release from composite microcapsules for cell encapsulation: effect on post-transplant acute inflammation. <i>Journal of Controlled Release</i> , 2005 , 107, 395-407	11.7	77
104	Chitosan films containing mesoporous SBA-15 supported silver nanoparticles for wound dressing. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 6054-6063	7.3	71
103	Preparation of large porous biodegradable microspheres by using a simple double-emulsion method for capreomycin sulfate pulmonary delivery. <i>International Journal of Pharmaceutics</i> , 2007 , 333, 103-11	6.5	64
102	Ketoprofen poly(lactide-co-glycolide) physical interaction. <i>AAPS PharmSciTech</i> , 2007 , 8, Article 37	3.9	63
101	Preparation and characterization of poly(D,L-lactide-co-glycolide) microspheres for controlled release of human growth hormone. <i>AAPS PharmSciTech</i> , 2003 , 4, E28	3.9	59
100	Biodegradable microspheres as carriers for native superoxide dismutase and catalase delivery. <i>AAPS PharmSciTech</i> , 2004 , 5, e51	3.9	55
99	Development of a spray-drying method for the formulation of respirable microparticles containing ofloxacin-palladium complex. <i>International Journal of Pharmaceutics</i> , 2013 , 440, 273-82	6.5	51
98	Novel composite microparticles for protein stabilization and delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2009 , 36, 226-34	5.1	49
97	Eudragit [®] and hydrotalcite-like anionic clay composite system for diclofenac colonic delivery. <i>Microporous and Mesoporous Materials</i> , 2008 , 115, 405-415	5.3	46
96	Long-term delivery of superoxide dismutase and catalase entrapped in poly(lactide-co-glycolide) microspheres: in vitro effects on isolated neonatal porcine pancreatic cell clusters. <i>Journal of Controlled Release</i> , 2005 , 107, 65-77	11.7	46
95	Development of liposomal capreomycin sulfate formulations: effects of formulation variables on peptide encapsulation. <i>International Journal of Pharmaceutics</i> , 2006 , 311, 172-81	6.5	45

94	Delivering drugs to the central nervous system: a medicinal chemistry or a pharmaceutical technology issue?. <i>Current Medicinal Chemistry</i> , 2006 , 13, 1757-75	4.3	44
93	Lipid nanoparticles for brain targeting I. Formulation optimization. <i>International Journal of Pharmaceutics</i> , 2011 , 419, 287-95	6.5	43
92	Development of a scalable procedure for fine calcium alginate particle preparation. <i>Chemical Engineering Journal</i> , 2010 , 160, 363-369	14.7	43
91	Extremely Active, Tunable, and pH-Responsive Iridium Water Oxidation Catalysts. <i>ACS Energy Letters</i> , 2017 , 2, 105-110	20.1	42
90	Fighting tuberculosis: old drugs, new formulations. <i>Expert Opinion on Drug Delivery</i> , 2009 , 6, 977-93	8	38
89	Synthesis of colloidal dispersions of NiAl, ZnAl, NiCr, ZnCr, NiFe, and MgFe hydrotalcite-like nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2012 , 376, 20-7	9.3	37
88	Capreomycin supergenerics for pulmonary tuberculosis treatment: preparation, in vitro, and in vivo characterization. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013 , 83, 388-95	5.7	37
87	Extracellular vesicles released by fibroblasts undergoing H-Ras induced senescence show changes in lipid profile. <i>PLoS ONE</i> , 2017 , 12, e0188840	3.7	36
86	Potential prodrugs of non-steroidal anti-inflammatory agents for targeted drug delivery to the CNS. <i>European Journal of Medicinal Chemistry</i> , 2004 , 39, 715-27	6.8	36
85	Stem cells from human amniotic fluid exert immunoregulatory function via secreted indoleamine 2,3-dioxygenase1. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 1593-605	5.6	34
84	Colloidal nickel(0)-carboxymethyl cellulose particles: A biopolymer-inorganic catalyst for hydrogenation of nitro-aromatics and carbonyl compounds. <i>Catalysis Communications</i> , 2013 , 32, 92-100	3.2	34
83	Mucoadhesive bilayered tablets for buccal sustained release of flurbiprofen. <i>AAPS PharmSciTech</i> , 2007 , 8, E20-E27	3.9	34
82	Reaction kinetics and targeting to cellular glutathione S-transferase of the glutathione peroxidase mimetic PhSeZnCl and its D,L-poly lactide microparticle formulation. <i>Free Radical Biology and Medicine</i> , 2015 , 78, 56-65	7.8	33
81	IVIVC from Long Acting Olanzapine Microspheres. <i>International Journal of Biomaterials</i> , 2014 , 2014, 4070-65	9.5	33
80	Preparation and in vitro and in vivo characterization of composite microcapsules for cell encapsulation. <i>International Journal of Pharmaceutics</i> , 2006 , 324, 27-36	6.5	30
79	Meeting the unmet: from traditional to cutting-edge techniques for poly lactide and poly lactide-co-glycolide microparticle manufacturing. <i>Journal of Pharmaceutical Investigation</i> , 2019 , 49, 381-404	6.3	29
78	Development of Risperidone PLGA Microspheres. <i>Journal of Drug Delivery</i> , 2014 , 2014, 620464	2.3	29
77	Lipid nanoparticles for brain targeting II. Technological characterization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 110, 130-7	6	28

76	Multifunctional microcapsules for pancreatic islet cell entrapment: design, preparation and in vitro characterization. <i>Biomaterials</i> , 2003 , 24, 3101-14	15.6	27
75	In vitro-in vivo correlation from lactide-co-glycolide polymeric dosage forms. <i>Progress in Biomaterials</i> , 2014 , 3, 131-142	4.4	26
74	An Inhalable Theranostic System for Local Tuberculosis Treatment Containing an Isoniazid Loaded Metal Organic Framework Fe-MIL-101-NH ₂ -From Raw MOF to Drug Delivery System. <i>Pharmaceutics</i> , 2019 , 11,	6.4	26
73	Early intrathecal infusion of everolimus restores cognitive function and mood in a murine model of Alzheimer's disease. <i>Experimental Neurology</i> , 2019 , 311, 88-105	5.7	25
72	Capreomycin inhalable powders prepared with an innovative spray-drying technique. <i>International Journal of Pharmaceutics</i> , 2014 , 469, 132-9	6.5	24
71	Physicochemical characterization and release mechanism of a novel prednisone biodegradable microsphere formulation. <i>Journal of Pharmaceutical Sciences</i> , 2008 , 97, 303-17	3.9	24
70	Rapamycin Loaded Solid Lipid Nanoparticles as a New Tool to Deliver mTOR Inhibitors: Formulation and in Vitro Characterization. <i>Nanomaterials</i> , 2016 , 6,	5.4	24
69	Formulation studies of benzydamine mucoadhesive formulations for vaginal administration. <i>Drug Development and Industrial Pharmacy</i> , 2009 , 35, 769-79	3.6	23
68	Formulation and release behavior of doxycycline-alginate hydrogel microparticles embedded into pluronic F127 thermogels as a potential new vehicle for doxycycline intradermal sustained delivery. <i>AAPS PharmSciTech</i> , 2010 , 11, 212-20	3.9	23
67	Long-term stability, functional competence, and safety of microencapsulated specific pathogen-free neonatal porcine Sertoli cells: a potential product for cell transplant therapy. <i>Xenotransplantation</i> , 2015 , 22, 273-83	2.8	22
66	Simple and scalable method for peptide inhalable powder production. <i>European Journal of Pharmaceutical Sciences</i> , 2010 , 39, 53-8	5.1	22
65	Alginates in Pharmaceutics and Biomedicine: Is the Future so Bright?. <i>Current Pharmaceutical Design</i> , 2015 , 21, 4917-35	3.3	21
64	Development of Novel Indole-3-Aldehyde-Loaded Gastro-Resistant Spray-Dried Microparticles for Postbiotic Small Intestine Local Delivery. <i>Journal of Pharmaceutical Sciences</i> , 2018 , 107, 2341-2353	3.9	20
63	Silica nanoparticles assisted photodegradation of acridine orange in aqueous suspensions. <i>Applied Catalysis B: Environmental</i> , 2015 , 168-169, 363-369	21.8	20
62	Alginate beads as a carrier for omeprazole/SBA-15 inclusion compound: A step towards the development of personalized paediatric dosage forms. <i>Carbohydrate Polymers</i> , 2015 , 133, 464-72	10.3	19
61	Towards Targeting the Aryl Hydrocarbon Receptor in Cystic Fibrosis. <i>Mediators of Inflammation</i> , 2018 , 2018, 1601486	4.3	19
60	Influence of compression force on the behavior of mucoadhesive buccal tablets. <i>AAPS PharmSciTech</i> , 2008 , 9, 274-81	3.9	19
59	Leucinoastatin-A loaded nanospheres: characterization and in vivo toxicity and efficacy evaluation. <i>International Journal of Pharmaceutics</i> , 2004 , 275, 61-72	6.5	19

58	UV spectroscopy and reverse-phase HPLC as novel methods to determine Capreomycin of liposomal formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004 , 36, 249-55	3.5	19
57	Unilamellar vesicles as potential capreomycin sulfate carriers: preparation and physicochemical characterization. <i>AAPS PharmSciTech</i> , 2004 , 4, E69	3.9	19
56	Intraperitoneal injection of microencapsulated Sertoli cells restores muscle morphology and performance in dystrophic mice. <i>Biomaterials</i> , 2016 , 75, 313-326	15.6	17
55	Rapamycin-loaded solid lipid nanoparticles: Morphology and impact of the drug loading on the phase transition between lipid polymorphs. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 502, 54-65	5.1	16
54	Powder, capsule and device: An imperative marriage trios for respirable dry powders. <i>International Journal of Pharmaceutics</i> , 2015 , 494, 40-8	6.5	15
53	The influence of feedstock and process variables on the encapsulation of drug suspensions by spray-drying in fast drying regime: the case of novel antitubercular drug-palladium complex containing polymeric microparticles. <i>Journal of Pharmaceutical Sciences</i> , 2014 , 103, 1255-68	3.9	15
52	Synthesis, characterization and in vitro extracellular and intracellular activity against Mycobacterium tuberculosis infection of new second-line antitubercular drug-palladium complexes. <i>Journal of Pharmacy and Pharmacology</i> , 2014 , 66, 106-21	4.8	15
51	TFEB activation restores migration ability to Tsc1-deficient adult neural stem/progenitor cells. <i>Human Molecular Genetics</i> , 2017 , 26, 3303-3312	5.6	14
50	Postbiotic-Enabled Targeting of the Host-Microbiota-Pathogen Interface: Hints of Antibiotic Decline?. <i>Pharmaceutics</i> , 2020 , 12,	6.4	14
49	Regulation of host physiology and immunity by microbial indole-3-aldehyde. <i>Current Opinion in Immunology</i> , 2021 , 70, 27-32	7.8	14
48	The long and winding road to inhaled TB therapy: not only the bug's fault. <i>Drug Development and Industrial Pharmacy</i> , 2017 , 43, 347-363	3.6	13
47	Conformal polymer coatings for pancreatic islets transplantation. <i>International Journal of Pharmaceutics</i> , 2013 , 440, 141-7	6.5	13
46	The real value of novel particulate carriers for sunscreen formulation. <i>Expert Review of Dermatology</i> , 2011 , 6, 509-517		13
45	Bioactive long-term release from biodegradable microspheres preserves implanted ALG-PLO-ALG microcapsules from in vivo response to purified alginate. <i>Pharmaceutical Research</i> , 2010 , 27, 285-95	4.5	13
44	Lipid nanoparticles for drug delivery to the brain: in vivo veritas. <i>Journal of Biomedical Nanotechnology</i> , 2009 , 5, 344-50	4	12
43	Development and characterization of mucoadhesive-thermoresponsive gels for the treatment of oral mucosa diseases. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 142, 105125	5.1	12
42	Tryptophan as a Central Hub for Host/Microbial Symbiosis. <i>International Journal of Tryptophan Research</i> , 2020 , 13, 1178646920919755	5.6	11
41	Microparticle-loaded neonatal porcine Sertoli cells for cell-based therapeutic and drug delivery system. <i>Journal of Controlled Release</i> , 2014 , 192, 249-61	11.7	11

40	β-cyclodextrin hinders PLGA plasticization during microparticle manufacturing. <i>Journal of Drug Delivery Science and Technology</i> , 2015 , 30, 375-383	4.5	10
39	Testosterone and FSH modulate Sertoli cell extracellular secretion: Proteomic analysis. <i>Molecular and Cellular Endocrinology</i> , 2018 , 476, 1-7	4.4	9
38	Probing Internalization Effects and Biocompatibility of Ultrasmall Zirconium Metal-Organic Frameworks UiO-66 NP in U251 Glioblastoma Cancer Cells. <i>Nanomaterials</i> , 2018 , 8,	5.4	9
37	Preparation, Characterization, and In Vivo Evaluation of Olanzapine Poly(D,L-lactide-co-glycolide) Microspheres. <i>Journal of Pharmaceutics</i> , 2013 , 2013, 831381	2	8
36	Indole-3-Carboxaldehyde Restores Gut Mucosal Integrity and Protects from Liver Fibrosis in Murine Sclerosing Cholangitis. <i>Cells</i> , 2021 , 10,	7.9	8
35	Drug delivery system innovation and Health Technology Assessment: Upgrading from Clinical to Technological Assessment. <i>International Journal of Pharmaceutics</i> , 2015 , 495, 1005-18	6.5	7
34	Effects of intraperitoneal injection of microencapsulated Sertoli cells on chronic and presymptomatic dystrophic mice. <i>Data in Brief</i> , 2015 , 5, 1015-21	1.2	7
33	Evaluation and optimization of the conditions for an improved ferulic acid intercalation into a synthetic lamellar anionic clay. <i>Pharmaceutical Research</i> , 2006 , 23, 604-13	4.5	7
32	Enteric formulated indole-3-carboxaldehyde targets the aryl hydrocarbon receptor for protection in a murine model of metabolic syndrome. <i>International Journal of Pharmaceutics</i> , 2021 , 602, 120610	6.5	7
31	A Green Nanostructured Pesticide to Control Tomato Bacterial Speck Disease. <i>Nanomaterials</i> , 2021 , 11,	5.4	7
30	Pharyngeal Microbial Signatures Are Predictive of the Risk of Fungal Pneumonia in Hematologic Patients. <i>Infection and Immunity</i> , 2021 , 89, e0010521	3.7	7
29	Reshaping antibiotics through hydrophobic drug-bile acid ionic complexation enhances activity against <i>Staphylococcus aureus</i> biofilms. <i>International Journal of Pharmaceutics</i> , 2017 , 528, 144-162	6.5	6
28	Optimizing therapeutic outcomes of immune checkpoint blockade by a microbial tryptophan metabolite. 2022 , 10,		6
27	Targeted Drug Delivery Technologies Potentiate the Overall Therapeutic Efficacy of an Indole Derivative in a Mouse Cystic Fibrosis Setting. <i>Cells</i> , 2021 , 10,	7.9	5
26	Exploring the Nano Spray-Drying Technology as an Innovative Manufacturing Method for Solid Lipid Nanoparticle Dry Powders. <i>AAPS PharmSciTech</i> , 2019 , 20, 19	3.9	5
25	Evaluation of a LC-MS method for everolimus preclinical determination in brain by using [(13)C2D4]RAD001 internal standard. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015 , 985, 155-63	3.2	4
24	Redox-Sensitive Glyoxalase 1 Up-Regulation Is Crucial for Protecting Human Lung Cells from Gold Nanoparticles Toxicity. <i>Antioxidants</i> , 2020 , 9,	7.1	4
23	Phenotypic Characterization of Biofilm Grown and Inhibiting and Dissolving Activity of Azithromycin/Rifampicin Treatment. <i>Pathogens</i> , 2019 , 8,	4.5	4

22	Lipotoxic stress alters the membrane lipid profile of extracellular vesicles released by Huh-7 hepatocarcinoma cells. <i>Scientific Reports</i> , 2021 , 11, 4613	4.9	4
21	Development and in vitro-in vivo performances of an inhalable indole-3-carboxaldehyde dry powder to target pulmonary inflammation and infection. <i>International Journal of Pharmaceutics</i> , 2021 , 607, 121004	6.5	4
20	In vitro performances of novel co-spray-dried azithromycin/rifampicin microparticles for <i>Rhodococcus equi</i> disease treatment. <i>Scientific Reports</i> , 2018 , 8, 12149	4.9	3
19	Dry Powder Inhalers in the Digitalization Era: Current Status and Future Perspectives. <i>Pharmaceutics</i> , 2021 , 13,	6.4	3
18	Circular Hazelnut Protection by Lignocellulosic Waste Valorization for Nanopesticides Development. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 2604	2.6	3
17	Selectively targeting key inflammatory pathways in cystic fibrosis. <i>European Journal of Medicinal Chemistry</i> , 2020 , 206, 112717	6.8	2
16	Tackling Immune Pathogenesis of COVID-19 through Molecular Pharmaceutics. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2
15	Anakinra Activates Superoxide Dismutase 2 to Mitigate Inflammasome Activity. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
14	Reply to 'F508del-CFTR is not corrected by thymosin β '. <i>Nature Medicine</i> , 2018 , 24, 891-893	50.5	2
13	Ion Pairing for Controlling Drug Delivery		2
12	A Novel Stabilizing Approach to Improve the Manufacturing of Biodegradable Microparticles Entrapping Plasticizing Active Molecules: the Case of 4-Methoxychalcone. <i>Journal of Pharmaceutical Innovation</i> , 2019 , 14, 159-175	1.8	1
11	Effects of Titanium Dioxide Nanoparticles on Porcine Prepubertal Sertoli Cells: An "" Study.. <i>Frontiers in Endocrinology</i> , 2021 , 12, 751915	5.7	1
10	Ethidium bromide exposure unmasks an antibiotic efflux system in <i>Rhodococcus equi</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2021 , 76, 2040-2048	5.1	1
9	Lps-Stimulated Sertoli Cells Pre-Loaded With Microparticles: Intracellular Activation Pathways. <i>Frontiers in Endocrinology</i> , 2020 , 11, 611932	5.7	1
8	SBA15-Supported Nano-ruthenium Catalyst for the Oxidative Cleavage of Alkenes to Aldehydes under Flow Conditions. <i>Tetrahedron Letters</i> , 2021 , 153509	2	0
7	Rojo Duro Red Onion Extract Loaded Spray Thermogel as a Sustainable Platform for the Treatment of Oral Mucosa Lesions. <i>Journal of Pharmaceutical Sciences</i> , 2021 , 110, 2974-2985	3.9	0
6	O1-06-03: Proteomic Analysis of Extracellular Vesicles in Alzheimer's Disease Cerebrospinal FLUID 2016 , 12, P186-P187		
5	Response to Comment on Blasi et al. (2011) Lipid nanoparticles for brain targeting I. Formulation optimization <i>International Journal of Pharmaceutics</i> , 2012 , 439, 171-174	6.5	

4	Preface. <i>Recent Patents on Drug Delivery and Formulation</i> , 2020 , 14, 2	1.4
3	Evolutionary Algorithms in Modeling Aerodynamic Properties of Spray-Dried Microparticulate Systems. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7109	2.6
2	Crystallization. <i>AAPS Introductions in the Pharmaceutical Sciences</i> , 2018 , 11-19	0.2
1	Preface 2021 , 15, 2	