

# Valentina Iannuccelli

## List of Publications by Year in descending order

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56  
papers

1,601  
citations

279798

23  
h-index

315739

38  
g-index

57  
all docs

57  
docs citations

57  
times ranked

1913  
citing authors

#	ARTICLE	IF	CITATIONS
1	Air compartment multiple-unit system for prolonged gastric residence. Part I. Formulation study. <i>International Journal of Pharmaceutics</i> , 1998, 174, 47-54.	5.2	119
2	Chitosan-Alginate Microparticles as a Protein Carrier. <i>Drug Development and Industrial Pharmacy</i> , 2001, 27, 393-400.	2.0	112
3	Protein immobilization in crosslinked alginate microparticles. <i>Journal of Microencapsulation</i> , 2002, 19, 37-44.	2.8	71
4	Inhaled Solid Lipid Microparticles to target alveolar macrophages for tuberculosis. <i>International Journal of Pharmaceutics</i> , 2014, 462, 74-82.	5.2	71
5	Alginate/chitosan microparticles for tamoxifen delivery to the lymphatic system. <i>International Journal of Pharmaceutics</i> , 2009, 367, 127-132.	5.2	61
6	Air compartment multiple-unit system for prolonged gastric residence. Part II. In vivo evaluation. <i>International Journal of Pharmaceutics</i> , 1998, 174, 55-62.	5.2	51
7	Alginate microparticles for enzyme peroral administration. <i>International Journal of Pharmaceutics</i> , 2002, 242, 263-266.	5.2	49
8	Brain Uptake of a Zidovudine Prodrug after Nasal Administration of Solid Lipid Microparticles. <i>Molecular Pharmaceutics</i> , 2014, 11, 1550-1561.	4.6	47
9	Influence of liposphere preparation on butyl-methoxydibenzoylmethane photostability. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2006, 63, 140-145.	4.3	46
10	Surface engineering of Solid Lipid Nanoparticle assemblies by methyl $\alpha$ -D-mannopyranoside for the active targeting to macrophages in anti-tuberculosis inhalation therapy. <i>International Journal of Pharmaceutics</i> , 2017, 528, 440-451.	5.2	46
11	Encapsulation in lipospheres of the complex between butyl methoxydibenzoylmethane and hydroxypropyl- $\beta$ -cyclodextrin. <i>International Journal of Pharmaceutics</i> , 2006, 320, 79-85.	5.2	45
12	Alginate microparticles for Polymyxin B Peyer's patches uptake: microparticles for antibiotic oral administration. <i>Journal of Microencapsulation</i> , 2004, 21, 829-839.	2.8	44
13	Comparative Evaluation of the Effect of Permeation Enhancers, Lipid Nanoparticles and Colloidal Silica on in vivo Human Skin Penetration of Quercetin. <i>Skin Pharmacology and Physiology</i> , 2013, 26, 57-67.	2.5	44
14	PVP Solid Dispersions for the Controlled Release of Furosemide from a Floating Multiple-Unit System. <i>Drug Development and Industrial Pharmacy</i> , 2000, 26, 595-603.	2.0	42
15	In Vivo Biodistribution of Respirable Solid Lipid Nanoparticles Surface-Decorated with a Mannose-Based Surfactant: A Promising Tool for Pulmonary Tuberculosis Treatment?. <i>Nanomaterials</i> , 2020, 10, 568.	4.1	42
16	Newly synthesized surfactants for surface mannosylation of respirable SLN assemblies to target macrophages in tuberculosis therapy. <i>Drug Delivery and Translational Research</i> , 2019, 9, 298-310.	5.8	41
17	Solid Lipid Nanoparticle assemblies (SLNas) for an anti-TB inhalation treatment: A Design of Experiments approach to investigate the influence of pre-freezing conditions on the powder respirability. <i>International Journal of Pharmaceutics</i> , 2016, 511, 669-679.	5.2	39
18	Enhancement of melatonin photostability by encapsulation in lipospheres. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 40, 910-914.	2.8	37

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19	Enhancement of in vivo human skin penetration of resveratrol by chitosan-coated lipid microparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 42-49.	5.0	36
20	Complexation of the sunscreen agent, 4-methylbenzylidene camphor with cyclodextrins: Effect on photostability and human stratum corneum penetration. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 44, 29-34.	2.8	33
21	Effect of Montmorillonite on Drug Release from Polymeric Matrices. <i>Archiv Der Pharmazie</i> , 1989, 322, 789-793.	4.1	31
22	Biodegradable intraoperative system for bone infection treatment II. In vivo evaluation. <i>International Journal of Pharmaceutics</i> , 1996, 143, 187-194.	5.2	26
23	Self-Assembled Lipid Nanoparticles for Oral Delivery of Heparin-Coated Iron Oxide Nanoparticles for Theranostic Purposes. <i>Molecules</i> , 2017, 22, 963.	3.8	26
24	Effect of the loading method on the drug release from crosslinked carboxymethylcellulose beads. <i>Journal of Controlled Release</i> , 1993, 23, 13-20.	9.9	24
25	Application of the "o/w" nanoprecipitation method in the encapsulation of hydrophilic drugs in PLGA nanoparticles. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 32, 283-290.	3.0	24
26	Influence of solid lipid microparticle carriers on skin penetration of the sunscreen agent, 4-methylbenzylidene camphor. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 1621-1627.	2.4	23
27	Microencapsulation of a cyclodextrin complex of the UV filter, butyl methoxydibenzoylmethane: In vivo skin penetration studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 345-350.	2.8	23
28	Gastroretentive montmorillonite-tetracycline nanoclay for the treatment of <i>Helicobacter pylori</i> infection. <i>International Journal of Pharmaceutics</i> , 2015, 493, 295-304.	5.2	23
29	Ex-vivo evaluation of alginate microparticles for Polymyxin B oral administration. <i>Journal of Drug Targeting</i> , 2006, 14, 599-606.	4.4	20
30	Design flexibility influencing the in vitro behavior of cationic SLN as a nonviral gene vector. <i>International Journal of Pharmaceutics</i> , 2013, 440, 161-169.	5.2	20
31	Organo-modified bentonite for gentamicin topical application: Interlayer structure and in vivo skin permeation. <i>Applied Clay Science</i> , 2018, 158, 158-168.	5.2	20
32	Bead Coating Process Via an Excess of Crosslinking Agent. <i>Drug Development and Industrial Pharmacy</i> , 1995, 21, 2307-2322.	2.0	19
33	The Impact of Lipid Corona on Rifampicin Intramacrophagic Transport Using Inhaled Solid Lipid Nanoparticles Surface-Decorated with a Mannosylated Surfactant. <i>Pharmaceutics</i> , 2019, 11, 508.	4.5	18
34	In vivo and in vitro Skin Permeation of Butyl Methoxydibenzoylmethane from Lipospheres. <i>Skin Pharmacology and Physiology</i> , 2008, 21, 30-38.	2.5	17
35	In vivo detection of lipid-based nano- and microparticles in the outermost human stratum corneum by EDX analysis. <i>International Journal of Pharmaceutics</i> , 2013, 447, 204-212.	5.2	17
36	Nasal biocompatible powder of Geraniol oil complexed with cyclodextrins for neurodegenerative diseases: physicochemical characterization and in vivo evidences of nose to brain delivery. <i>Journal of Controlled Release</i> , 2021, 335, 191-202.	9.9	17

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37	The role of protamine amount in the transfection performance of cationic SLN designed as a gene nanocarrier. <i>Drug Delivery</i> , 2012, 19, 1-10.	5.7	16
38	Enhanced anti-hyperproliferative activity of human thymidylate synthase inhibitor peptide by solid lipid nanoparticle delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 346-354.	5.0	16
39	In vivo penetration of bare and lipid-coated silica nanoparticles across the human stratum corneum. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 122, 653-661.	5.0	15
40	Cellular uptake and toxicity of microparticles in a perspective of polymyxin B oral administration. <i>International Journal of Pharmaceutics</i> , 2010, 385, 42-46.	5.2	14
41	In vivo $\beta$ -carotene skin permeation modulated by Nanostructured Lipid Carriers. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120322.	5.2	14
42	Microparticulate polyelectrolyte complexes for gentamicin transport across intestinal epithelia. <i>Drug Delivery</i> , 2011, 18, 26-37.	5.7	13
43	Toxicity and gut associated lymphoid tissue translocation of polymyxin B orally administered by alginate/chitosan microparticles in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 60, 21-26.	2.4	12
44	pH-Promoted Release of a Novel Anti-Tumour Peptide by "Stealth" Liposomes: Effect of Nanocarriers on the Drug Activity in Cis-Platinum Resistant Cancer Cells. <i>Pharmaceutical Research</i> , 2018, 35, 206.	3.5	12
45	Structural investigation and intracellular trafficking of a novel multicomposite cationic solid lipid nanoparticle platform as a pDNA carrier. <i>Therapeutic Delivery</i> , 2011, 2, 1419-1435.	2.2	10
46	Characterization of Natural Clays from Italian Deposits with Focus on Elemental Composition and Exchange Estimated by EDX Analysis: Potential Pharmaceutical and Cosmetic Uses. <i>Clays and Clay Minerals</i> , 2016, 64, 719-731.	1.3	10
47	Distribution of Drugs in Polymers Loaded by Swelling. <i>Journal of Pharmaceutical Sciences</i> , 1989, 78, 25-27.	3.3	9
48	Conveying a newly designed hydrophilic anti-human thymidylate synthase peptide to cisplatin resistant cancer cells: are pH-sensitive liposomes more effective than conventional ones?. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 465-473.	2.0	9
49	Chitosan/heparin polyelectrolyte complexes as ion-pairing approach to encapsulate heparin in orally administrable SLN: In vitro evaluation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 608, 125606.	4.7	9
50	Design, Characterization, and In Vitro Assays on Muscle Cells of Endocannabinoid-like Molecule Loaded Lipid Nanoparticles for a Therapeutic Anti-Inflammatory Approach to Sarcopenia. <i>Pharmaceutics</i> , 2022, 14, 648.	4.5	5
51	Thermal behaviour of melt crystallized phenylbutazone. <i>Journal of Thermal Analysis</i> , 1990, 36, 35-44.	0.6	4
52	Design and physicochemical characterization of novel hybrid SLN-liposome nanocarriers for the smart co-delivery of two antitubercular drugs. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 70, 103206.	3.0	4
53	Papaverine hydrochloride release from ethyl cellulose-walled microcapsules. <i>Journal of Microencapsulation</i> , 1988, 5, 139-146.	2.8	2
54	Solid State Transitions and Cap Availability in Surface Solid Dispersions of Chloramphenicol Stearate Polymorphs. <i>Drug Development and Industrial Pharmacy</i> , 1988, 14, 633-647.	2.0	1

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55	Self-assembled organogelators as artificial stratum corneum models: Key-role parameters for skin permeation prediction. International Journal of Pharmaceutics, 2019, 557, 314-328.	5.2	1
56	Inhaled Micro- or Nanoparticles: Which are the Best for Intramacrophagic Antiinfectious Therapies?. Journal of Infectious Diseases and Diagnosis, 2016, 01, .	0.1	1