

Paola Russo

List of Publications by Year in descending order

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62
papers

2,014
citations

172386

29
h-index

254106

43
g-index

64
all docs

64
docs citations

64
times ranked

2619
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of formation and disintegration of alginate beads obtained by prilling. <i>International Journal of Pharmaceutics</i> , 2005, 302, 1-9.	2.6	124
2	Design of poly- $\hat{\mu}$ -caprolactone nanospheres coated with bioadhesive hyaluronic acid for ocular delivery. <i>Journal of Controlled Release</i> , 2002, 83, 365-375.	4.8	112
3	Prilling and supercritical drying: A successful duo to produce core-shell polysaccharide aerogel beads for wound healing. <i>Carbohydrate Polymers</i> , 2016, 147, 482-489.	5.1	84
4	Opportunity and challenges of nasal powders: Drug formulation and delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 113, 2-17.	1.9	83
5	Dry powder inhalers of gentamicin and leucine: formulation parameters, aerosol performance and in vitro toxicity on CuFi1 cells. <i>International Journal of Pharmaceutics</i> , 2012, 426, 100-107.	2.6	80
6	Prilling for the development of multi-particulate colon drug delivery systems: Pectin vs. pectin- $\hat{\mu}$ -alginate beads. <i>Carbohydrate Polymers</i> , 2013, 92, 367-373.	5.1	67
7	In situ forming antibacterial dextran blend hydrogel for wound dressing: SAA technology vs. spray drying. <i>Carbohydrate Polymers</i> , 2014, 101, 1216-1224.	5.1	65
8	Physical characteristics and aerosol performance of naringin dry powders for pulmonary delivery prepared by spray-drying. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 72, 206-213.	2.0	64
9	Brain uptake of an anti-ischemic agent by nasal administration of microparticles. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 4889-4903.	1.6	62
10	Design and production of gentamicin/dextrans microparticles by supercritical assisted atomisation for the treatment of wound bacterial infections. <i>International Journal of Pharmaceutics</i> , 2013, 440, 188-194.	2.6	55
11	Technologies and Formulation Design of Polysaccharide-Based Hydrogels for Drug Delivery. <i>Molecules</i> , 2020, 25, 3156.	1.7	50
12	Poly(vinyl alcohol) 3D printed tablets: The effect of polymer particle size on drug loading and process efficiency. <i>International Journal of Pharmaceutics</i> , 2019, 561, 1-8.	2.6	47
13	Encapsulation of Ketoprofen and Ketoprofen Lysinate by Prilling for Controlled Drug Release. <i>AAPS PharmSciTech</i> , 2009, 10, 1178-85.	1.5	46
14	Leucine enhances aerosol performance of Naringin dry powder and its activity on cystic fibrosis airway epithelial cells. <i>International Journal of Pharmaceutics</i> , 2011, 412, 8-19.	2.6	46
15	Dry powder inhalers: An overview of the in vitro dissolution methodologies and their correlation with the biopharmaceutical aspects of the drug products. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 113, 18-28.	1.9	46
16	AL Amyloidosis Associated with IgM Monoclonal Protein: A Distinct Clinical Entity. <i>Clinical Lymphoma and Myeloma</i> , 2009, 9, 80-83.	1.4	45
17	In situ gelling alginate-pectin blend particles loaded with Ac2-26: A new weapon to improve wound care armamentarium. <i>Carbohydrate Polymers</i> , 2020, 227, 115305.	5.1	42
18	Evaluation of in situ injectable hydrogels as controlled release device for ANXA1 derived peptide in wound healing. <i>Carbohydrate Polymers</i> , 2015, 115, 629-635.	5.1	41

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19	Synergistic effect of divalent cations in improving technological properties of cross-linked alginate beads. <i>International Journal of Biological Macromolecules</i> , 2017, 101, 100-106.	3.6	38
20	Treatment of IgM-Associated AL Amyloidosis With the Combination of Rituximab, Bortezomib, and Dexamethasone. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2011, 11, 143-145.	0.2	36
21	Primary Microparticles and Agglomerates of Morphine for Nasal Insufflation. <i>Journal of Pharmaceutical Sciences</i> , 2006, 95, 2553-2561.	1.6	35
22	Triterpenoid Constituents from the Roots of <i>Paeonia rockii</i> ssp. <i>rockii</i> . <i>Journal of Natural Products</i> , 2011, 74, 2116-2121.	1.5	34
23	Predictors and correlates of taste preferences in European children: The IDEFICS study. <i>Food Quality and Preference</i> , 2013, 27, 128-136.	2.3	34
24	Technological properties and enhancement of antifungal activity of a <i>Paeonia rockii</i> extract encapsulated in a chitosan-based matrix. <i>Journal of Food Engineering</i> , 2014, 120, 260-267.	2.7	34
25	Non-steroidal anti-inflammatory drug for pulmonary administration: Design and investigation of ketoprofen lysinate fine dry powders. <i>International Journal of Pharmaceutics</i> , 2013, 448, 198-204.	2.6	33
26	In vitro permeation of desmopressin across rabbit nasal mucosa from liquid nasal sprays: The enhancing effect of potassium sorbate. <i>European Journal of Pharmaceutical Sciences</i> , 2009, 37, 36-42.	1.9	32
27	Novel co-axial prilling technique for the development of core-shell particles as delayed drug delivery systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 87, 541-547.	2.0	31
28	Rheological Properties of Cystic Fibrosis Bronchial Secretion and <i>In Vitro</i> Drug Permeation Study: The Effect of Sodium Bicarbonate. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2016, 29, 337-345.	0.7	31
29	Chemicals from textiles to skin: an in vitro permeation study of benzothiazole. <i>Environmental Science and Pollution Research</i> , 2018, 25, 24629-24638.	2.7	31
30	Gentamicin and leucine inhalable powder: What about antipseudomonal activity and permeation through cystic fibrosis mucus?. <i>International Journal of Pharmaceutics</i> , 2013, 440, 250-255.	2.6	29
31	Enhanced technological and permeation properties of a microencapsulated soy isoflavones extract. <i>Journal of Food Engineering</i> , 2013, 115, 298-305.	2.7	28
32	A novel method for the production of core-shell microparticles by inverse gelation optimized with artificial intelligent tools. <i>International Journal of Pharmaceutics</i> , 2018, 538, 97-104.	2.6	28
33	Pectin and Zinc Alginate: The Right Inner/Outer Polymer Combination for Core-Shell Drug Delivery Systems. <i>Pharmaceutics</i> , 2020, 12, 87.	2.0	26
34	Advanced printable hydrogels from pre-crosslinked alginate as a new tool in semi solid extrusion 3D printing process. <i>Carbohydrate Polymers</i> , 2022, 276, 118746.	5.1	25
35	Chimeral agglomerates of microparticles for the administration of caffeine nasal powders. <i>Journal of Drug Delivery Science and Technology</i> , 2004, 14, 449-454.	1.4	24
36	Design and In Vivo Anti-Inflammatory Effect of Ketoprofen Delayed Delivery Systems. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3451-3458.	1.6	23

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37	Antidiuretic effect of desmopressin chimera agglomerates by nasal administration in rats. <i>International Journal of Pharmaceutics</i> , 2013, 440, 154-160.	2.6	21
38	Anti-inflammatory flurbiprofen nasal powders for nose-to-brain delivery in Alzheimer's disease. <i>Journal of Drug Targeting</i> , 2019, 27, 984-994.	2.1	21
39	Clarithromycin and N-acetylcysteine co-spray-dried powders for pulmonary drug delivery: A focus on drug solubility. <i>International Journal of Pharmaceutics</i> , 2017, 533, 463-469.	2.6	18
40	Cognitive profile and 18F-fluorodeoxyglucose PET study in LRRK2-related Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2018, 47, 80-83.	1.1	17
41	Nanospray Drying as a Novel Tool to Improve Technological Properties of Soy Isoflavone Extracts. <i>Planta Medica</i> , 2017, 83, 426-433.	0.7	15
42	Coaxial semi-solid extrusion and ionotropic alginate gelation: A successful duo for personalized floating formulations via 3D printing. <i>Carbohydrate Polymers</i> , 2021, 260, 117791.	5.1	15
43	Post-COVID Syndrome: The Research Progress in the Treatment of Pulmonary sequelae after COVID-19 Infection. <i>Pharmaceutics</i> , 2022, 14, 1135.	2.0	15
44	Antibiotic transport across bronchial epithelial cells: Effects of molecular weight, LogP and apparent permeability. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 83, 45-51.	1.9	14
45	Submicrometric hypromellose acetate succinate particles as carrier for soy isoflavones extract with improved skin penetration performance. <i>Carbohydrate Polymers</i> , 2017, 165, 22-29.	5.1	14
46	Fast determination of underivatized gentamicin C components and impurities by LC-MS using a porous graphitic carbon stationary phase. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 7691-7701.	1.9	13
47	A novel core-shell chronotherapeutic system for the oral administration of ketoprofen. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 32, 126-131.	1.4	13
48	Floating Ricobendazole Delivery Systems: A 3D Printing Method by Co-Extrusion of Sodium Alginate and Calcium Chloride. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1280.	1.8	13
49	Prednisolone Delivery Platforms: Capsules and Beads Combination for a Right Timing Therapy. <i>PLoS ONE</i> , 2016, 11, e0160266.	1.1	12
50	A Novel Three-Polysaccharide Blend In Situ Gelling Powder for Wound Healing Applications. <i>Pharmaceutics</i> , 2021, 13, 1680.	2.0	12
51	A Water-Soluble Microencapsulated Milk Thistle Extract as Active Ingredient for Dermal Formulations. <i>Molecules</i> , 2019, 24, 1547.	1.7	10
52	Composition of the Fresh Leaves and Stems of <i>Melissa officinalis</i> and Evaluation of Skin Irritation in a Reconstituted Human Epidermis Model. <i>Journal of Natural Products</i> , 2009, 72, 1512-1515.	1.5	9
53	Aerodynamic properties, solubility and in vitro antibacterial efficacy of dry powders prepared by spray drying: Clarithromycin versus its hydrochloride salt. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 104, 1-6.	2.0	9
54	Cannabis use related to early psychotic onset: Role of premorbid function. <i>Neuroscience Letters</i> , 2016, 633, 55-61.	1.0	9

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55	Annurca peel extract: from the chemical composition, through the functional activity, to the formulation and characterisation of a topical oil-in-water emulsion. <i>Natural Product Research</i> , 2016, 30, 1398-1403.	1.0	9
56	Application of experimental design for the development of soft-capsules through a prilling, inverse gelation process. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 49, 577-585.	1.4	9
57	Flurbiprofen sodium microparticles and soft pellets for nose-to-brain delivery: Serum and brain levels in rats after nasal insufflation. <i>International Journal of Pharmaceutics</i> , 2021, 605, 120827.	2.6	9
58	Zinc and Calcium Cations Combination in the Production of Floating Alginate Beads as Prednisolone Delivery Systems. <i>Molecules</i> , 2020, 25, 1140.	1.7	7
59	Inulin-g-poly-D,L-lactide, a sustainable amphiphilic copolymer for nano-therapeutics. <i>Drug Delivery and Translational Research</i> , 2022, 12, 1974-1990.	3.0	6
60	Poly(ether ester amide) Microspheres for Protein Delivery: Influence of Copolymer Composition on Technological and Biological Properties. <i>Macromolecular Bioscience</i> , 2008, 8, 682-689.	2.1	5
61	Nanospray Drying as a Novel Technique for the Manufacturing of Inhalable NSAID Powders. <i>Scientific World Journal</i> , The, 2014, 2014, 1-7.	0.8	5
62	Development and Investigation of Dry Powder Inhalers for Cystic Fibrosis. , 2012, , .		3