

Matteo Cerea

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,106
citations

394421

19
h-index

395702

33
g-index

42
all docs

42
docs citations

42
times ranked

1004
citing authors

#	ARTICLE	IF	CITATIONS
1	Expandable drug delivery system for gastric retention based on shape memory polymers: Development via 4D printing and extrusion. <i>International Journal of Pharmaceutics</i> , 2019, 571, 118700.	5.2	126
2	A novel powder coating process for attaining taste masking and moisture protective films applied to tablets. <i>International Journal of Pharmaceutics</i> , 2004, 279, 127-139.	5.2	104
3	Physicochemical characterization and mechanisms of release of theophylline from melt-extruded dosage forms based on a methacrylic acid copolymer. <i>International Journal of Pharmaceutics</i> , 2005, 301, 112-120.	5.2	73
4	Dry powder coating of pharmaceuticals: A review. <i>International Journal of Pharmaceutics</i> , 2013, 457, 488-502.	5.2	70
5	Shape memory materials and 4D printing in pharmaceuticals. <i>Advanced Drug Delivery Reviews</i> , 2021, 173, 216-237.	13.7	62
6	Oral pulsatile drug delivery systems. <i>Expert Opinion on Drug Delivery</i> , 2005, 2, 855-871.	5.0	60
7	A Graphical Review on the Escalation of Fused Deposition Modeling (FDM) 3D Printing in the Pharmaceutical Field. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 2943-2957.	3.3	59
8	Coated pellets for oral colon delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 25, 1-15.	3.0	51
9	A Novel Injection-Molded Capsular Device for Oral Pulsatile Delivery Based on Swellable/Erodible Polymers. <i>AAPS PharmSciTech</i> , 2011, 12, 295-303.	3.3	45
10	In vitro and human pharmacoscintigraphic evaluation of an oral 5-ASA delivery system for colonic release. <i>International Journal of Pharmaceutics</i> , 2019, 572, 118723.	5.2	39
11	Erodible drug delivery systems for time-controlled release into the gastrointestinal tract. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 32, 229-235.	3.0	38
12	Properties of theophylline tablets powder-coated with methacrylate ester copolymers. <i>Journal of Drug Delivery Science and Technology</i> , 2004, 14, 319-325.	3.0	33
13	The Chronotopicâ„¢ System for Pulsatile and Colonic Delivery of Active Molecules in the Era of Precision Medicine: Feasibility by 3D Printing via Fused Deposition Modeling (FDM). <i>Pharmaceutics</i> , 2021, 13, 759.	4.5	33
14	Comparison of the <i>In Vivo</i> Pharmacokinetics and <i>In Vitro</i> Dissolution of Raltegravir in HIV Patients Receiving the Drug by Swallowing or by Chewing. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 6132-6136.	3.2	30
15	Oral delivery of insulin via polyethylene imine-based nanoparticles for colonic release allows glycemic control in diabetic rats. <i>Pharmacological Research</i> , 2016, 110, 122-130.	7.1	30
16	Lego-Inspired Capsular Devices for the Development of Personalized Dietary Supplements: Proof of Concept With Multimodal Release of Caffeine. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 1990-1999.	3.3	25
17	Dry Coating of Soft Gelatin Capsules with HPMCAS. <i>Drug Development and Industrial Pharmacy</i> , 2008, 34, 1196-1200.	2.0	22
18	Polymeric coatings for a multiple-unit pulsatile delivery system: Preliminary study on free and applied films. <i>International Journal of Pharmaceutics</i> , 2013, 440, 256-263.	5.2	22

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19	Dry coating of solid dosage forms: an overview of processes and applications. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1919-1931.	2.0	21
20	Nanonized itraconazole powders for extemporaneous oral suspensions: Role of formulation components studied by a mixture design. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 83, 175-183.	4.0	16
21	Intravesical drug delivery approaches for improved therapy of urinary bladder diseases. <i>International Journal of Pharmaceutics</i> : X, 2021, 3, 100100.	1.6	16
22	Novel hydrophilic matrix system with non-uniform drug distribution for zero-order release kinetics. <i>Journal of Controlled Release</i> , 2018, 287, 247-256.	9.9	12
23	Erodible coatings based on HPMC and cellulase for oral time-controlled release of drugs. <i>International Journal of Pharmaceutics</i> , 2020, 585, 119425.	5.2	12
24	Administration strategies and smart devices for drug release in specific sites of the upper GI tract. <i>Journal of Controlled Release</i> , 2022, 348, 537-552.	9.9	12
25	Dataset on a Small-Scale Film-Coating Process Developed for Self-Expanding 4D Printed Drug Delivery Devices. <i>Coatings</i> , 2021, 11, 1252.	2.6	11
26	A study on the release mechanism of drugs from hydrophilic partially coated perforated matrices. <i>Il Farmaco</i> , 2003, 58, 971-976.	0.9	10
27	Evaluation of powder-layering vs. spray-coating techniques in the manufacturing of a swellable/erodible pulsatile delivery system. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 1230-1237.	2.0	10
28	Non-uniform drug distribution matrix system (NUDDMat) for zero-order release of drugs with different solubility. <i>International Journal of Pharmaceutics</i> , 2020, 581, 119217.	5.2	9
29	Oral hydrophilic matrices having non uniform drug distribution for zero-order release: A literature review. <i>Journal of Controlled Release</i> , 2020, 325, 72-83.	9.9	9
30	Preparation of multiparticulate systems for oral delivery of a micronized or nanosized poorly soluble drug. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 1466-1475.	2.0	7
31	Oral colon delivery platform based on a novel combination approach: Design concept and preliminary evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102919.	3.0	7
32	What's next in the use of opacifiers for cosmetic coatings of solid dosage forms? Insights on current titanium dioxide alternatives. <i>International Journal of Pharmaceutics</i> , 2022, 616, 121550.	5.2	7
33	Preparation and characterization of a powder manufactured by spray drying milk based formulations for the delivery of theophylline for pediatric use. <i>International Journal of Pharmaceutics</i> , 2020, 580, 119227.	5.2	6
34	New formulation and delivery method of <i>Cryphonectria parasitica</i> for biological control of chestnut blight. <i>Journal of Applied Microbiology</i> , 2017, 122, 180-187.	3.1	5
35	Application of Quality by Design Approach to Bioanalysis: Development of a Method for Elvitegravir Quantification in Human Plasma. <i>Therapeutic Drug Monitoring</i> , 2017, 39, 531-542.	2.0	4
36	Cellulase as an "active" excipient in prolonged-release HPMC matrices: A novel strategy towards zero-order release kinetics. <i>International Journal of Pharmaceutics</i> , 2021, 607, 121005.	5.2	4

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37	Comparison of the In Vivo Pharmacokinetics and In Vitro Dissolution of Branded Versus Generic Efavirenz Formulation in HIV-Infected Patients. <i>Therapeutic Drug Monitoring</i> , 2016, 38, 420-422.	2.0	2
38	Fosfomycin therapeutic drug monitoring in real-life: development and validation of a LC-MS/MS method on plasma samples. <i>Journal of Chemotherapy</i> , 2022, 34, 25-34.	1.5	1
39	Newly designed punch for scored tablets: Evaluation by an expert system based on quality by design. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 65, 102729.	3.0	1
40	Identification of Different Patterns of Dabigatran In Vivo Bioactivation in Patients on Maintenance Anticoagulation Therapy. <i>Therapeutic Drug Monitoring</i> , 2016, 38, 814-816.	2.0	0