

Alessandra Maroni

List of Publications by Year in descending order

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57
papers

2,785
citations

147726

31
h-index

175177

52
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58
all docs

58
docs citations

58
times ranked

2327
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	4.8	12
2	Quality considerations on the pharmaceutical applications of fused deposition modeling 3D printing. <i>International Journal of Pharmaceutics</i> , 2021, 592, 119901.	2.6	61
3	The Chronotropicâ„¢ 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.	2.0	33
4	Shape memory materials and 4D printing in pharmaceutics. <i>Advanced Drug Delivery Reviews</i> , 2021, 173, 216-237.	6.6	62
5	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.	2.6	4
6	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.	1.4	1
7	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.	1.4	7
8	Intravesical drug delivery approaches for improved therapy of urinary bladder diseases. <i>International Journal of Pharmaceutics: X</i> , 2021, 3, 100100.	1.2	16
9	Retentive drug delivery systems based on shape memory materials. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48798.	1.3	28
10	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.	0.9	10
11	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.	1.6	59
12	Erodible coatings based on HPMC and cellulase for oral time-controlled release of drugs. <i>International Journal of Pharmaceutics</i> , 2020, 585, 119425.	2.6	12
13	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.	2.6	9
14	Injection Molded Capsules for Colon Delivery Combining Time-Controlled and Enzyme-Triggered Approaches. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1917.	1.8	13
15	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.	4.8	9
16	3D printing by fused deposition modeling of single- and multi-compartment hollow systems for oral delivery " A review. <i>International Journal of Pharmaceutics</i> , 2020, 579, 119155.	2.6	78
17	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.	1.6	25
18	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.	2.6	39

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19	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.	2.6	126
20	Effect of Polyethylene Glycol Content and Molar Mass on Injection Molding of Hydroxypropyl Methylcellulose Acetate Succinate-Based Gastroresistant Capsular Devices for Oral Drug Delivery. <i>Polymers</i> , 2019, 11, 517.	2.0	7
21	Novel hydrophilic matrix system with non-uniform drug distribution for zero-order release kinetics. <i>Journal of Controlled Release</i> , 2018, 287, 247-256.	4.8	12
22	Industrial Development of a 3D-Printed Nutraceutical Delivery Platform in the Form of a Multicompartment HPC Capsule. <i>AAPS PharmSciTech</i> , 2018, 19, 3343-3354.	1.5	49
23	Three-Dimensional Printing of Medicinal Products and the Challenge of Personalized Therapy. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 1697-1705.	1.6	125
24	Dry coating of solid dosage forms: an overview of processes and applications. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1919-1931.	0.9	21
25	Enteric coatings for colonic drug delivery: state of the art. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 1027-1029.	2.4	44
26	Hot-melt extruded filaments based on pharmaceutical grade polymers for 3D printing by fused deposition modeling. <i>International Journal of Pharmaceutics</i> , 2016, 509, 255-263.	2.6	309
27	In vitro and in vivo evaluation of an oral multiple-unit formulation for colonic delivery of insulin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 108, 76-82.	2.0	31
28	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.	1.4	38
29	Coated pellets for oral colon delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 25, 1-15.	1.4	51
30	Enteric-coating of pulsatile-release HPC capsules prepared by injection molding. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 70, 1-11.	1.9	32
31	3D printing by fused deposition modeling (FDM) of a swellable/erodible capsular device for oral pulsatile release of drugs. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 30, 360-367.	1.4	230
32	Evaluation of Hot-Melt Extrusion and Injection Molding for Continuous Manufacturing of Immediate-Release Tablets. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 1971-1980.	1.6	45
33	Erodible Time-Dependent Colon Delivery Systems with Improved Efficiency in Delaying the Onset of Drug Release. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 3585-3593.	1.6	22
34	Evaluation of hot-melt extrusion technique in the preparation of HPC matrices for prolonged release. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 52, 77-85.	1.9	42
35	Film coatings for oral colon delivery. <i>International Journal of Pharmaceutics</i> , 2013, 457, 372-394.	2.6	86
36	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.	2.6	22

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37	Injection-Molded Capsular Device for Oral Pulsatile Release: Development of a Novel Mold. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 489-499.	1.6	31
38	Gastroresistant capsular device prepared by injection molding. <i>International Journal of Pharmaceutics</i> , 2013, 440, 264-272.	2.6	23
39	Film coatings for oral pulsatile release. <i>International Journal of Pharmaceutics</i> , 2013, 457, 362-371.	2.6	49
40	Oral colon delivery of insulin with the aid of functional adjuvants. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 540-556.	6.6	98
41	Injection Molding and its application to drug delivery. <i>Journal of Controlled Release</i> , 2012, 159, 324-331.	4.8	114
42	A Novel Injection-Molded Capsular Device for Oral Pulsatile Delivery Based on Swellable/Erodible Polymers. <i>AAPS PharmSciTech</i> , 2011, 12, 295-303.	1.5	45
43	Oral Delivery System for Two-pulse Colonic Release of Protein Drugs and Protease Inhibitor/Absorption Enhancer Compounds. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 3251-3259.	1.6	40
44	Oral pulsatile delivery: Rationale and chronopharmaceutical formulations. <i>International Journal of Pharmaceutics</i> , 2010, 398, 1-8.	2.6	53
45	Active packaging for topical cosmetic/drug products: A hot-melt extruded preservative delivery device. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 75, 291-296.	2.0	18
46	Preparation and evaluation of an oral delivery system for time-dependent colon release of insulin and selected protease inhibitor and absorption enhancer compounds. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 4661-4669.	1.6	31
47	Feasibility, stability and release performance of a time-dependent insulin delivery system intended for oral colon release. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 72, 246-251.	2.0	40
48	The Use of γ -Cyclodextrin in the Manufacturing of Disintegrating Pellets with Improved Dissolution Performances. <i>AAPS PharmSciTech</i> , 2008, 9, 708-17.	1.5	6
49	Dry Coating of Soft Gelatin Capsules with HPMCAS. <i>Drug Development and Industrial Pharmacy</i> , 2008, 34, 1196-1200.	0.9	22
50	Different HPMC Viscosity Grades as Coating Agents for an Oral Time and/or Site-Controlled Delivery System: An Investigation into the Mechanisms Governing Drug Release. <i>Journal of Pharmaceutical Sciences</i> , 2007, 96, 1527-1536.	1.6	29
51	Time-controlled oral delivery systems for colon targeting. <i>Expert Opinion on Drug Delivery</i> , 2006, 3, 583-597.	2.4	81
52	Oral pulsatile drug delivery systems. <i>Expert Opinion on Drug Delivery</i> , 2005, 2, 855-871.	2.4	60
53	Different HPMC viscosity grades as coating agents for an oral time and/or site-controlled delivery system: a study on process parameters and in vitro performances. <i>European Journal of Pharmaceutical Sciences</i> , 2004, 22, 469-476.	1.9	65
54	Modeling of drug release from partially coated matrices made of a high viscosity HPMC. <i>International Journal of Pharmaceutics</i> , 2004, 276, 107-114.	2.6	35

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55	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
56	Influence of betacyclodextrin on the release of poorly soluble drugs from inert and hydrophilic heterogeneous polymeric matrices. <i>Biomaterials</i> , 2001, 22, 2647-2651.	5.7	35
57	In vitro and in vivo evaluation of an oral system for time and/or site-specific drug delivery. <i>Journal of Controlled Release</i> , 2001, 73, 103-110.	4.8	130