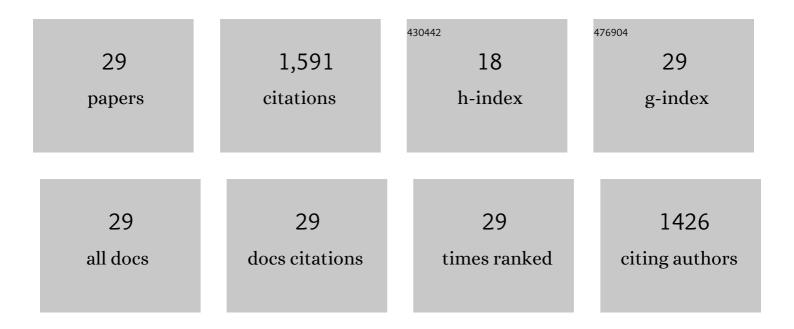
## Alice Melocchi

List of Publications by Year in descending order

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ALICE MELOCCHI

#	Article	IF	CITATIONS
1	Hot-melt extruded filaments based on pharmaceutical grade polymers for 3D printing by fused deposition modeling. International Journal of Pharmaceutics, 2016, 509, 255-263.	2.6	309
2	3D printing by fused deposition modeling (FDM) of a swellable/erodible capsular device for oral pulsatile release of drugs. Journal of Drug Delivery Science and Technology, 2015, 30, 360-367.	1.4	230
3	Expandable drug delivery system for gastric retention based on shape memory polymers: Development via 4D printing and extrusion. International Journal of Pharmaceutics, 2019, 571, 118700.	2.6	126
4	Three-Dimensional Printing of Medicinal Products and the Challenge of Personalized Therapy. Journal of Pharmaceutical Sciences, 2017, 106, 1697-1705.	1.6	125
5	Injection Molding and its application to drug delivery. Journal of Controlled Release, 2012, 159, 324-331.	4.8	114
6	3D printing by fused deposition modeling of single- and multi-compartment hollow systems for oral delivery – A review. International Journal of Pharmaceutics, 2020, 579, 119155.	2.6	78
7	Shape memory materials and 4D printing in pharmaceutics. Advanced Drug Delivery Reviews, 2021, 173, 216-237.	6.6	62
8	Quality considerations on the pharmaceutical applications of fused deposition modeling 3D printing. International Journal of Pharmaceutics, 2021, 592, 119901.	2.6	61
9	A Graphical Review on the Escalation of Fused Deposition Modeling (FDM) 3D Printing in the Pharmaceutical Field. Journal of Pharmaceutical Sciences, 2020, 109, 2943-2957.	1.6	59
10	Industrial Development of a 3D-Printed Nutraceutical Delivery Platform in the Form of a Multicompartment HPC Capsule. AAPS PharmSciTech, 2018, 19, 3343-3354.	1.5	49
11	Evaluation of Hot-Melt Extrusion and Injection Molding for Continuous Manufacturing of Immediate-Release Tablets. Journal of Pharmaceutical Sciences, 2015, 104, 1971-1980.	1.6	45
12	Evaluation of hot-melt extrusion technique in the preparation of HPC matrices for prolonged release. European Journal of Pharmaceutical Sciences, 2014, 52, 77-85.	1.9	42
13	In vitro and human pharmacoscintigraphic evaluation of an oral 5-ASA delivery system for colonic release. International Journal of Pharmaceutics, 2019, 572, 118723.	2.6	39
14	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). Pharmaceutics, 2021, 13, 759.	2.0	33
15	In vitro and in vivo evaluation of an oral multiple-unit formulation for colonic delivery of insulin. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 108, 76-82.	2.0	31
16	Retentive drug delivery systems based on shape memory materials. Journal of Applied Polymer Science, 2020, 137, 48798.	1.3	28
17	Lego-Inspired Capsular Devices for the Development of Personalized Dietary Supplements: Proof of Concept With Multimodal Release of Caffeine. Journal of Pharmaceutical Sciences, 2020, 109, 1990-1999.	1.6	25
18	Gastroresistant capsular device prepared by injection molding. International Journal of Pharmaceutics, 2013, 440, 264-272.	2.6	23

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#	Article	IF	CITATIONS
19	Intravesical drug delivery approaches for improved therapy of urinary bladder diseases. International Journal of Pharmaceutics: X, 2021, 3, 100100.	1.2	16
20	Injection Molded Capsules for Colon Delivery Combining Time-Controlled and Enzyme-Triggered Approaches. International Journal of Molecular Sciences, 2020, 21, 1917.	1.8	13
21	Novel hydrophilic matrix system with non-uniform drug distribution for zero-order release kinetics. Journal of Controlled Release, 2018, 287, 247-256.	4.8	12
22	Erodible coatings based on HPMC and cellulase for oral time-controlled release of drugs. International Journal of Pharmaceutics, 2020, 585, 119425.	2.6	12
23	Administration strategies and smart devices for drug release in specific sites of the upper GI tract. Journal of Controlled Release, 2022, 348, 537-552.	4.8	12
24	Dataset on a Small-Scale Film-Coating Process Developed for Self-Expanding 4D Printed Drug Delivery Devices. Coatings, 2021, 11, 1252.	1.2	11
25	Evaluation of powder-layering vs. spray-coating techniques in the manufacturing of a swellable/erodible pulsatile delivery system. Drug Development and Industrial Pharmacy, 2020, 46, 1230-1237.	0.9	10
26	Effect of Polyethylene Glycol Content and Molar Mass on Injection Molding of Hydroxypropyl Methylcellulose Acetate Succinate-Based Gastroresistant Capsular Devices for Oral Drug Delivery. Polymers, 2019, 11, 517.	2.0	7
27	Oral colon delivery platform based on a novel combination approach: Design concept and preliminary evaluation. Journal of Drug Delivery Science and Technology, 2021, 66, 102919.	1.4	7
28	What's next in the use of opacifiers for cosmetic coatings of solid dosage forms? Insights on current titanium dioxide alternatives. International Journal of Pharmaceutics, 2022, 616, 121550.	2.6	7
29	Rheological Characterization of Ethylcellulose-Based Melts for Pharmaceutical Applications. AAPS PharmSciTech, 2017, 18, 855-866.	1.5	5