

# Christina Karavasili

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,348  
citations

393982

19  
h-index

344852

36  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1795  
citing authors

#	ARTICLE	IF	CITATIONS
1	Smart materials: in situ gel-forming systems for nasal delivery. <i>Drug Discovery Today</i> , 2016, 21, 157-166.	3.2	123
2	Pediatric-friendly chocolate-based dosage forms for the oral administration of both hydrophilic and lipophilic drugs fabricated with extrusion-based 3D printing. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 147, 105291.	1.9	91
3	Recent advances in pharmaceutical dosage forms and devices using additive manufacturing technologies. <i>Drug Discovery Today</i> , 2019, 24, 636-643.	3.2	89
4	Electrospun PVPâ€“indomethacin constituents for transdermal dressings and drug delivery devices. <i>International Journal of Pharmaceutics</i> , 2014, 473, 95-104.	2.6	87
5	Development of Bio-Active Patches Based on Pectin for the Treatment of Ulcers and Wounds Using 3D-Bioprinting Technology. <i>Pharmaceutics</i> , 2020, 12, 56.	2.0	84
6	Synergistic Antitumor Potency of a Self-Assembling Peptide Hydrogel for the Local Co-delivery of Doxorubicin and Curcumin in the Treatment of Head and Neck Cancer. <i>Molecular Pharmaceutics</i> , 2019, 16, 2326-2341.	2.3	67
7	Chitosan-coated PLGA nanoparticles for the nasal delivery of ropinirole hydrochloride: In vitro and ex vivo evaluation of efficacy and safety. <i>International Journal of Pharmaceutics</i> , 2020, 589, 119776.	2.6	64
8	Electrosprayed mesoporous particles for improved aqueous solubility of a poorly water soluble anticancer agent: in vitro and ex vivo evaluation. <i>Journal of Controlled Release</i> , 2018, 278, 142-155.	4.8	62
9	Controlled Release of 5-Fluorouracil from Alginate Beads Encapsulated in 3D Printed pH-Responsive Solid Dosage Forms. <i>AAPS PharmSciTech</i> , 2018, 19, 3362-3375.	1.5	57
10	Physico-mechanical and finite element analysis evaluation of 3D printable alginate-methylcellulose inks for wound healing applications. <i>Carbohydrate Polymers</i> , 2020, 247, 116666.	5.1	44
11	Chemotherapeutic Delivery from a Self-Assembling Peptide Nanofiber Hydrogel for the Management of Glioblastoma. <i>Pharmaceutical Research</i> , 2018, 35, 166.	1.7	39
12	Development of new drug delivery system based on ordered mesoporous carbons: characterisation and cytocompatibility studies. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3167.	2.9	37
13	Electrospun Orodispersible Films of Isoniazid for Pediatric Tuberculosis Treatment. <i>Pharmaceutics</i> , 2020, 12, 470.	2.0	37
14	Self-assembling peptides as vectors for local drug delivery and tissue engineering applications. <i>Advanced Drug Delivery Reviews</i> , 2021, 174, 387-405.	6.6	36
15	Mucosal drug delivery and 3D printing technologies: A focus on special patient populations. <i>Advanced Drug Delivery Reviews</i> , 2021, 176, 113858.	6.6	36
16	Self-Assembling Peptide Nanofiber Hydrogels for Controlled Ocular Delivery of Timolol Maleate. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 3386-3394.	2.6	34
17	PLGA/DPPC/trimethylchitosan spray-dried microparticles for the nasal delivery of ropinirole hydrochloride: in vitro , ex vivo and cytocompatibility assessment. <i>Materials Science and Engineering C</i> , 2016, 59, 1053-1062.	3.8	30
18	Comparison of different zeolite framework types as carriers for the oral delivery of the poorly soluble drug indomethacin. <i>International Journal of Pharmaceutics</i> , 2017, 528, 76-87.	2.6	29

#	ARTICLE	IF	CITATIONS
19	Development and Characterization of a Self-Nanoemulsifying Drug Delivery System Comprised of Rice Bran Oil for Poorly Soluble Drugs. <i>AAPS PharmSciTech</i> , 2019, 20, 78.	1.5	22
20	Bioactive Self-Assembling Lipid-Like Peptides as Permeation Enhancers for Oral Drug Delivery. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 2304-2311.	1.6	20
21	Ocular Co-Delivery of Timolol and Brimonidine from a Self-Assembling Peptide Hydrogel for the Treatment of Glaucoma: In Vitro and Ex Vivo Evaluation. <i>Pharmaceutics</i> , 2020, 13, 126.	1.7	19
22	Development of oil-based gels as versatile drug delivery systems for pediatric applications. <i>Science Advances</i> , 2022, 8, .	4.7	19
23	Dissolution enhancement of the poorly soluble drug nifedipine by co-spray drying with microporous zeolite beta. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 35, 91-97.	1.4	18
24	In vitro and ex vivo assessment of microporous Faujasite zeolite (NaX-FAU) as a carrier for the oral delivery of danazol. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 51, 177-184.	1.4	16
25	Multi-Organs-on-Chips for Testing Small-Molecule Drugs: Challenges and Perspectives. <i>Pharmaceutics</i> , 2021, 13, 1657.	2.0	14
26	Cereal-Based 3D Printed Dosage Forms for Drug Administration During Breakfast in Pediatric Patients within a Hospital Setting. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 2562-2570.	1.6	14
27	Patent landscape of pediatric-friendly oral dosage forms and administration devices. <i>Expert Opinion on Therapeutic Patents</i> , 2021, 31, 663-685.	2.4	13
28	Silk sericin/PLGA electrospun scaffolds with anti-inflammatory drug-eluting properties for periodontal tissue engineering. <i>Materials Science and Engineering C</i> , 2022, 133, 112723.	3.8	13
29	Quality control evaluation of paediatric chocolate-based dosage forms: 3D printing vs mold-casting method. <i>International Journal of Pharmaceutics</i> , 2022, 624, 121991.	2.6	13
30	Self-Nanoemulsifying Drug Delivery Systems (SNEDDS) Containing Rice Bran Oil for Enhanced Fenofibrate Oral Delivery: In Vitro Digestion, Ex Vivo Permeability, and In Vivo Bioavailability Studies. <i>AAPS PharmSciTech</i> , 2020, 21, 208.	1.5	12
31	3D-Printed Scaffolds from Alginate/Methyl Cellulose/Trimethyl Chitosan/Silicate Glasses for Bone Tissue Engineering. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8677.	1.3	12
32	Semi-solid extrusion 3D printing of starch-based soft dosage forms for the treatment of paediatric latent tuberculosis infection. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 1498-1506.	1.2	12
33	In Situ Gelling Electrospun Ocular Films Sustain the Intraocular Pressure-Lowering Effect of Timolol Maleate: In Vitro, Ex Vivo, and Pharmacodynamic Assessment. <i>Molecular Pharmaceutics</i> , 2022, 19, 274-286.	2.3	12
34	Preparation and Characterization of Bioadhesive Microparticles Comprised of Low Degree of Quaternization Trimethylated Chitosan for Nasal Administration: Effect of Concentration and Molecular Weight. <i>Langmuir</i> , 2014, 30, 12337-12344.	1.6	11
35	Preparation and characterization of multiactive electrospun fibers: Poly-ε-caprolactone fibers loaded with hydroxyapatite and selected NSAIDs. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 2583-2589.	2.1	11
36	Partial Least Square Model (PLS) as a Tool to Predict the Diffusion of Steroids Across Artificial Membranes. <i>Molecules</i> , 2020, 25, 1387.	1.7	9

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37	Survival and Proliferation under Severely Hypoxic Microenvironments Using Cell-Laden Oxygenating Hydrogels. <i>Journal of Functional Biomaterials</i> , 2021, 12, 30.	1.8	7
38	NGIWY-Amide: A Bioinspired Ultrashort Self-Assembled Peptide Gelator for Local Drug Delivery Applications. <i>Pharmaceutics</i> , 2022, 14, 133.	2.0	7
39	Experimental and molecular dynamics simulation studies of an anti-hyperlipidemic drug release from microporous zeolites differing in Si/Al content. <i>Microporous and Mesoporous Materials</i> , 2020, 305, 110343.	2.2	6
40	Exploring the Role of Self-Nanoemulsifying Systems in Drug Delivery: Challenges, Issues, Applications and Recent Advances. <i>Current Drug Delivery</i> , 2023, 20, 1241-1261.	0.8	6
41	Development and validation of HPLC-DAD and LC-(ESI)/MS methods for the determination of sulfasalazine, mesalazine and hydrocortisone 21-acetate in tablets and rectal suppositories: In vitro and ex vivo permeability studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1198, 123246.	1.2	5
42	Analytical quality-by-design optimization of UHPLC method for the analysis of octreotide release from a peptide-based hydrogel in-vitro. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 214, 114699.	1.4	5
43	Electrospun Nanofiber Films Suppress Inflammation <i>In Vitro</i> and Eradicate Endodontic Bacterial Infection in an <i>E. faecalis</i> -Infected <i>Ex Vivo</i> Human Tooth Culture Model. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 2096-2110.	2.6	4
44	Development and Validation of an HPLC-UV Method for the Dissolution Studies of 3D-Printed Paracetamol Formulations in Milk-Containing Simulated Gastrointestinal Media. <i>Pharmaceutics</i> , 2022, 15, 755.	1.7	1
45	ADVANCING THE PRACTICAL CLINICAL UTILITY IN PERSONALIZED MEDICINE: CAPABILITIES AND LESSONS LEARNED FOR PHARMACOLOGY AND PHARMACEUTICS. , 2016, , 297-323.		0
46	Development and Validation of Hplc-Dad and Lc-(Esi)/Ms Methods for the Determination of Sulfasalazine, Mesalazine and Hydrocortisone 21-Acetate in Tablets and Rectal Suppositories: In Vitro and Ex Vivo Permeability Studies. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0