

Dimitrios A. Lamprou

List of Publications by Year in descending order

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188
papers

7,097
citations

66250

44
h-index

90395

73
g-index

195
all docs

195
docs citations

195
times ranked

9552
citing authors

#	ARTICLE	IF	CITATIONS
1	3D bioprinted scaffolds for diabetic wound-healing applications. Drug Delivery and Translational Research, 2023, 13, 2096-2109.	3.0	15
2	Fused deposition modelling 3D printing proof-of-concept study for personalised inner ear therapy. Journal of Pharmacy and Pharmacology, 2022, 74, 1489-1497.	1.2	4
3	3D Printing: an appealing technology for the manufacturing of solid oral dosage forms. Journal of Pharmacy and Pharmacology, 2022, 74, 1427-1449.	1.2	10
4	Implantable and long-lasting drug delivery systems for infectious, inflammatory, endocrine, and neurodegenerative diseases. , 2022, , 223-248.		1
5	In-line particle size measurement based on image analysis in a fully continuous granule manufacturing line for rapid process understanding and development. International Journal of Pharmaceutics, 2022, 612, 121280.	2.6	6
6	Coupling of Fused Deposition Modeling and Inkjet Printing to Produce Drug Loaded 3D Printed Tablets. Pharmaceutics, 2022, 14, 159.	2.0	12
7	Microfluidic-mediated self-assembly of phospholipids for the delivery of biologic molecules. International Journal of Pharmaceutics, 2022, 611, 121347.	2.6	17
8	Flux-Based Formulation Developmentâ€”A Proof of Concept Study. AAPS Journal, 2022, 24, 22.	2.2	3
9	Real-time amino acid and glucose monitoring system for the automatic control of nutrient feeding in CHO cell culture using Raman spectroscopy. Biotechnology Journal, 2022, 17, e2100395.	1.8	17
10	Stereolithography 3D printed implants: A preliminary investigation as potential local drug delivery systems to the ear. International Journal of Pharmaceutics, 2022, 616, 121529.	2.6	16
11	Multi-Centered Solid-Phase Quasi-Intramolecular Redox Reactions of [(Chlorido)Pentaamminecobalt(III)] Permanganateâ€”An Easy Route to Prepare Phase Pure CoMn2O4 Spinel. Inorganics, 2022, 10, 18.	1.2	8
12	Raman mapping-based non-destructive dissolution prediction of sustained-release tablets. Journal of Pharmaceutical and Biomedical Analysis, 2022, 212, 114661.	1.4	18
13	Continuous Twin-Screw Granulation Processing. Springer Optimization and Its Applications, 2022, , 135-169.	0.6	1
14	Long-Term Aging of Concentrated Aqueous Graphene Oxide Suspensions Seen by Rheology and Raman Spectroscopy. Nanomaterials, 2022, 12, 916.	1.9	4
15	Biomedical applications of polymer and ceramic coatings: a review of recent developments. Transactions of the Institute of Metal Finishing, 2022, 100, 25-35.	0.6	14
16	Development of 3D printed drug-eluting contact lenses. Journal of Pharmacy and Pharmacology, 2022, 74, 1467-1476.	1.2	17
17	UV/VIS imaging-based PAT tool for drug particle size inspection in intact tablets supported by pattern recognition neural networks. International Journal of Pharmaceutics, 2022, 620, 121773.	2.6	9
18	Comprehensive review on novel targets and emerging therapeutic modalities for pulmonary arterial Hypertension. International Journal of Pharmaceutics, 2022, 621, 121792.	2.6	16

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19	Development of Geraniol-Loaded Liposomal Nanoformulations against <i>Salmonella</i> Colonization in the Pig Gut. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 7004-7014.	2.4	5
20	The sustainability of emerging technologies for use in pharmaceutical manufacturing. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 861-872.	2.4	21
21	In vitro - in vivo relations for the parenteral liposomal formulation of Amphotericin B: A clinically relevant approach with PBPK modeling. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 159, 177-187.	2.0	5
22	In vitro in vivo relations for the parenteral liposomal formulation of Amphotericin B: A biorelevant and clinically relevant approach. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 159, 188-197.	2.0	5
23	Thermal decomposition and spectral characterization of di[carbonatotetraamminecobalt(III)] sulfate trihydrate and the nature of its thermal decomposition products. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 145, 2907-2923.	2.0	17
24	Deuteration and Vibrational Spectra of Dimethylammonium Paratungstate Hydrates. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 593-598.	0.6	9
25	Anti-cancer activity of sirolimus loaded liposomes in prostate cancer cell lines. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102200.	1.4	7
26	3D printed estradiol-eluting urogynecological mesh implants: Influence of material and mesh geometry on their mechanical properties. <i>International Journal of Pharmaceutics</i> , 2021, 593, 120145.	2.6	42
27	An <i>in vitro</i> evaluation of antitumor activity of sirolimus-encapsulated liposomes in breast cancer cells. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 300-309.	1.2	7
28	Next-generation surgical meshes for drug delivery and tissue engineering applications: materials, design and emerging manufacturing technologies. <i>Bio-Design and Manufacturing</i> , 2021, 4, 278-310.	3.9	33
29	Optimisation of Design and Manufacturing Parameters of 3D Printed Solid Microneedles for Improved Strength, Sharpness, and Drug Delivery. <i>Micromachines</i> , 2021, 12, 117.	1.4	43
30	A novel 3D printed hollow microneedle microelectromechanical system for controlled, personalized transdermal drug delivery. <i>Additive Manufacturing</i> , 2021, 38, 101815.	1.7	40
31	Antimicrobial 3D Printed Objects in the Fight Against Pandemics. <i>3D Printing and Additive Manufacturing</i> , 2021, 8, 79-86.	1.4	9
32	Fused deposition modelling for the development of drug loaded cardiovascular prosthesis. <i>International Journal of Pharmaceutics</i> , 2021, 595, 120243.	2.6	47
33	Continuous Manufacture and Scale-Up of Theophylline-Nicotinamide Cocrystals. <i>Pharmaceutics</i> , 2021, 13, 419.	2.0	9
34	Real-time release testing of dissolution based on surrogate models developed by machine learning algorithms using NIR spectra, compression force and particle size distribution as input data. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120338.	2.6	42
35	Solid-Phase Quasi-Intramolecular Redox Reaction of $[Ag(NH_3)_2]MnO_4$: An Easy Way to Prepare Pure $AgMnO_2$. <i>Inorganic Chemistry</i> , 2021, 60, 3749-3760.	1.9	15
36	Continuous blending monitored and feedback controlled by machine vision-based PAT tool. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 196, 113902.	1.4	9

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37	3D scaffolds in the treatment of diabetic foot ulcers: New trends vs conventional approaches. International Journal of Pharmaceutics, 2021, 599, 120423.	2.6	27
38	Bioconjugated solid lipid nanoparticles (SLNs) for targeted prostate cancer therapy. International Journal of Pharmaceutics, 2021, 599, 120416.	2.6	33
39	Microfluidic-assisted synthesis of multifunctional iodinated contrast agent polymeric nanoplatfoms. International Journal of Pharmaceutics, 2021, 599, 120447.	2.6	9
40	The Present and Future Role of Microfluidics for Protein and Peptide-Based Therapeutics and Diagnostics. Applied Sciences (Switzerland), 2021, 11, 4109.	1.3	12
41	Advances in Twin-Screw Granulation Processing. Pharmaceutics, 2021, 13, 624.	2.0	11
42	Thermally reactive N-(2-hydroxypropyl)methacrylamide (HPMA) amphiphiles for drug solubilisation. International Journal of Pharmaceutics, 2021, 601, 120570.	2.6	3
43	AgNO ₃ · NH ₄ NO ₃ an enigmatic double salt type decomposition intermediate of diamminesilver(I) permanganate. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 1166-1174.	0.6	4
44	Facile isolation and analysis of sporopollenin exine from bee pollen. Scientific Reports, 2021, 11, 9952.	1.6	10
45	Biomass Related Highly Porous Metal Free Carbon for Gas Storage and Electrocatalytic Applications. Materials, 2021, 14, 3488.	1.3	3
46	3D printing as a transformative tool for microneedle systems: Recent advances, manufacturing considerations and market potential. Advanced Drug Delivery Reviews, 2021, 173, 60-69.	6.6	66
47	Investigation on hot melt extrusion and prediction on 3D printability of pharmaceutical grade polymers. International Journal of Pharmaceutics, 2021, 604, 120755.	2.6	27
48	Manufacturing of 3D-Printed Microfluidic Devices for the Synthesis of Drug-Loaded Liposomal Formulations. International Journal of Molecular Sciences, 2021, 22, 8064.	1.8	31
49	Sulfobutylether-beta-cyclodextrin-enabled antiviral remdesivir: Characterization of electrospun- and lyophilized formulations. Carbohydrate Polymers, 2021, 264, 118011.	5.1	35
50	Personalised Tasted Masked Chewable 3D Printed Fruit-Chews for Paediatric Patients. Pharmaceutics, 2021, 13, 1301.	2.0	16
51	Dynamic disorder in the high-temperature polymorph of bis[diamminesilver(I)] sulfate reasons and consequences of simultaneous ammonia release from two different polymorphs. Journal of Coordination Chemistry, 2021, 74, 2144-2162.	0.8	9
52	Frog nest foams exhibit pharmaceutical foam-like properties. Royal Society Open Science, 2021, 8, 210048.	1.1	5
53	Recent advances in electrospun nanofiber vaginal formulations for women's sexual and reproductive health. International Journal of Pharmaceutics, 2021, 607, 121040.	2.6	8
54	Development of drug loaded cardiovascular prosthesis for thrombosis prevention using 3D printing. Materials Science and Engineering C, 2021, 129, 112375.	3.8	37

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55	Advanced Methodologies for Pharmaceutical Salt Synthesis. <i>Crystal Growth and Design</i> , 2021, 21, 1358-1374.	1.4	25
56	Melt-extrusion 3D printing of resorbable levofloxacin-loaded meshes: Emerging strategy for urogynaecological applications. <i>Materials Science and Engineering C</i> , 2021, 131, 112523.	3.8	5
57	Optimization of FDM 3D printing process parameters to produce haemodialysis curcumin-loaded vascular grafts. <i>Drug Delivery and Translational Research</i> , 2021, , 1.	3.0	1
58	Transferrin conjugated Stealth liposomes for sirolimus active targeting in breast cancer. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102900.	1.4	6
59	Optimization of Printing Parameters for Digital Light Processing 3D Printing of Hollow Microneedle Arrays. <i>Pharmaceutics</i> , 2021, 13, 1837.	2.0	23
60	Microfluidics Technology for the Design and Formulation of Nanomedicines. <i>Nanomaterials</i> , 2021, 11, 3440.	1.9	20
61	3D printed microneedles for anticancer therapy of skin tumours. <i>Materials Science and Engineering C</i> , 2020, 107, 110248.	3.8	139
62	Solid state thermomechanical engineering of high-quality pharmaceutical salts <i>via</i> solvent free continuous processing. <i>Green Chemistry</i> , 2020, 22, 540-549.	4.6	8
63	Synthesis, Characterization, and Drug Delivery Application of Self-assembling Amphiphilic Cyclodextrin. <i>AAPS PharmSciTech</i> , 2020, 21, 11.	1.5	13
64	Recent Development of Electrospinning for Drug Delivery. <i>Pharmaceutics</i> , 2020, 12, 5.	2.0	21
65	Blood extracellular vesicles from healthy individuals regulate hematopoietic stem cells as humans age. <i>Aging Cell</i> , 2020, 19, e13245.	3.0	12
66	<i>Raman</i> -based dynamic feeding strategies using real-time glucose concentration monitoring system during adalimumab producing <i>CHO</i> cell cultivation. <i>Biotechnology Progress</i> , 2020, 36, e3052.	1.3	13
67	Poly(<i>caprolactone</i>)-Based Coatings on 3D-Printed Biodegradable Implants: A Novel Strategy to Prolong Delivery of Hydrophilic Drugs. <i>Molecular Pharmaceutics</i> , 2020, 17, 3487-3500.	2.3	60
68	Emerging technologies for diagnostics and drug delivery in the fight against COVID-19 and other pandemics. <i>Expert Review of Medical Devices</i> , 2020, 17, 1007-1012.	1.4	34
69	Long-acting implantable devices for the prevention and personalised treatment of infectious, inflammatory and chronic diseases. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101952.	1.4	6
70	Novel combination of non-invasive morphological and solid-state characterisation of drug-loaded core-shell electrospun fibres. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119706.	2.6	12
71	Comparison of thermally and chemically reduced graphene oxides by thermal analysis and Raman spectroscopy. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 331-337.	2.0	44
72	Bioprinting and Preliminary Testing of Highly Reproducible Novel Bioink for Potential Skin Regeneration. <i>Pharmaceutics</i> , 2020, 12, 550.	2.0	46

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73	Recent Developments in Microfluidic Technologies for Central Nervous System Targeted Studies. <i>Pharmaceutics</i> , 2020, 12, 542.	2.0	25
74	Urogynecological surgical mesh implants: New trends in materials, manufacturing and therapeutic approaches. <i>International Journal of Pharmaceutics</i> , 2020, 585, 119512.	2.6	25
75	3D Printing of Pharmaceuticals and Drug Delivery Devices. <i>Pharmaceutics</i> , 2020, 12, 266.	2.0	98
76	Frequency and waveform dependence of alternating current electrospinning and their uses for drug dissolution enhancement. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119593.	2.6	14
77	Development of a Biodegradable Subcutaneous Implant for Prolonged Drug Delivery Using 3D Printing. <i>Pharmaceutics</i> , 2020, 12, 105.	2.0	109
78	Digital UV/VIS imaging: A rapid PAT tool for crushing strength, drug content and particle size distribution determination in tablets. <i>International Journal of Pharmaceutics</i> , 2020, 578, 119174.	2.6	29
79	3D Printing of Drug-Loaded Thermoplastic Polyurethane Meshes: A Potential Material for Soft Tissue Reinforcement in Vaginal Surgery. <i>Pharmaceutics</i> , 2020, 12, 63.	2.0	92
80	Videometric mass flow control: A new method for real-time measurement and feedback control of powder micro-feeding based on image analysis. <i>International Journal of Pharmaceutics</i> , 2020, 580, 119223.	2.6	16
81	End-to-end continuous manufacturing of conventional compressed tablets: From flow synthesis to tableting through integrated crystallization and filtration. <i>International Journal of Pharmaceutics</i> , 2020, 581, 119297.	2.6	42
82	Additive Manufacturing Can Assist in the Fight Against COVID-19 and Other Pandemics and Impact on the Global Supply Chain. <i>3D Printing and Additive Manufacturing</i> , 2020, 7, 100-103.	1.4	88
83	Thermal and spectroscopic studies on a double-salt-type pyridine-silver perchlorate complex having π -O coordinated perchlorate ions. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 1193-1205.	2.0	17
84	Fast, Spectroscopy-Based Prediction of In Vitro Dissolution Profile of Extended Release Tablets Using Artificial Neural Networks. <i>Pharmaceutics</i> , 2019, 11, 400.	2.0	27
85	Electrospun amorphous solid dispersions of meloxicam: Influence of polymer type and downstream processing to orodispersible dosage forms. <i>International Journal of Pharmaceutics</i> , 2019, 569, 118593.	2.6	27
86	Scaled-Up Production and Tableting of Grindable Electrospun Fibers Containing a Protein-Type Drug. <i>Pharmaceutics</i> , 2019, 11, 329.	2.0	24
87	Data fusion strategies for performance improvement of a Process Analytical Technology platform consisting of four instruments: An electrospinning case study. <i>International Journal of Pharmaceutics</i> , 2019, 567, 118473.	2.6	17
88	On the issue of transparency and reproducibility in nanomedicine. <i>Nature Nanotechnology</i> , 2019, 14, 629-635.	15.6	149
89	Fused Deposition Modelling as a Potential Tool for Antimicrobial Dialysis Catheters Manufacturing: New Trends vs. Conventional Approaches. <i>Coatings</i> , 2019, 9, 515.	1.2	31
90	Microfluidic encapsulation method to produce stable liposomes containing iohexol. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101340.	1.4	13

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91	How innovative drug delivery devices can help realize clinical utility of new effective therapies. Expert Opinion on Drug Delivery, 2019, 16, 1277-1281.	2.4	3
92	Fused Deposition Modeling as an Effective Tool for Anti-Infective Dialysis Catheter Fabrication. ACS Biomaterials Science and Engineering, 2019, 5, 6300-6310.	2.6	60
93	Controlled release of microencapsulated docosahexaenoic acid (DHA) by spray-drying processing. Food Chemistry, 2019, 286, 368-375.	4.2	17
94	Application of artificial neural networks for Process Analytical Technology-based dissolution testing. International Journal of Pharmaceutics, 2019, 567, 118464.	2.6	52
95	Inline noninvasive Raman monitoring and feedback control of glucose concentration during ethanol fermentation. Biotechnology Progress, 2019, 35, e2848.	1.3	31
96	3D printed microneedle patches using stereolithography (SLA) for intradermal insulin delivery. Materials Science and Engineering C, 2019, 102, 743-755.	3.8	171
97	Corona alternating current electrospinning: A combined approach for increasing the productivity of electrospinning. International Journal of Pharmaceutics, 2019, 561, 219-227.	2.6	39
98	Biological Performance of Electrospun Polymer Fibres. Materials, 2019, 12, 363.	1.3	16
99	The impact of channel fill level on internal forces during continuous twin screw wet granulation. International Journal of Pharmaceutics, 2019, 558, 91-100.	2.6	10
100	Coprocessing of Pharmaceutical Cocrystals for High Quality and Enhanced Physicochemical Stability. Crystal Growth and Design, 2019, 19, 876-888.	1.4	19
101	Raman Spectroscopy for Process Analytical Technologies of Pharmaceutical Secondary Manufacturing. AAPS PharmSciTech, 2019, 20, 1.	1.5	126
102	Polymeric Coatings and Their Fabrication for Medical Devices. , 2019, , 177-187.		6
103	Co-delivery of docetaxel and gemcitabine by anacardic acid modified self-assembled albumin nanoparticles for effective breast cancer management. Acta Biomaterialia, 2018, 73, 424-436.	4.1	83
104	3D printing applications for transdermal drug delivery. International Journal of Pharmaceutics, 2018, 544, 415-424.	2.6	165
105	Evidence of quasi-intramolecular redox reactions during thermal decomposition of ammonium hydroxodisulfiteferrate(III), (NH ₄) ₂ [Fe(OH)(SO ₃) ₂]·H ₂ O. Journal of Thermal Analysis and Calorimetry, 2018, 132, 493-502.	2.0	20
106	3D printed microneedles for insulin skin delivery. International Journal of Pharmaceutics, 2018, 544, 425-432.	2.6	233
107	Probing polydopamine adhesion to protein and polymer films: microscopic and spectroscopic evaluation. Journal of Materials Science, 2018, 53, 3198-3209.	1.7	52
108	Understanding the compaction behaviour of low-substituted HPC: macro, micro, and nano-metric evaluations. Pharmaceutical Development and Technology, 2018, 23, 442-453.	1.1	5

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109	Characterization of drug delivery vehicles using atomic force microscopy: current status. <i>Expert Opinion on Drug Delivery</i> , 2018, 15, 1211-1221.	2.4	18
110	A Novel PAA Derivative with Enhanced Drug Efficacy in Pancreatic Cancer Cell Lines. <i>Pharmaceutics</i> , 2018, 11, 91.	1.7	2
111	Unexpected Sequential $\text{NH}_3/\text{H}_2\text{O}$ Solid/Gas Phase Ligand Exchange and Quasi-Intramolecular Self-Protonation Yield $[\text{NH}_4\text{Cu}(\text{OH})\text{MoO}_4]$, a Photocatalyst Misidentified before as $(\text{NH}_4)_2\text{Cu}(\text{MoO}_4)_2$. <i>Inorganic Chemistry</i> , 2018, 57, 13679-13692.	1.9	20
112	Homogenization of Amorphous Solid Dispersions Prepared by Electrospinning in Low-Dose Tablet Formulation. <i>Pharmaceutics</i> , 2018, 10, 114.	2.0	14
113	Implication of linker length on cell cytotoxicity, pharmacokinetic and toxicity profile of gemcitabine-docetaxel combinatorial dual drug conjugate. <i>International Journal of Pharmaceutics</i> , 2018, 548, 357-374.	2.6	17
114	Spectroscopic characterization of tablet properties in a continuous powder blending and tableting process. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 123, 10-19.	1.9	19
115	Microstructural Distinction of Electrospun Nanofibrous Drug Delivery Systems Formulated with Different Excipients. <i>Molecular Pharmaceutics</i> , 2018, 15, 4214-4225.	2.3	24
116	Stimuli Responsive Polymeric Systems for Cancer Therapy. <i>Pharmaceutics</i> , 2018, 10, 136.	2.0	50
117	A novel methodology to study polymodal particle size distributions produced during continuous wet granulation. <i>International Journal of Pharmaceutics</i> , 2017, 519, 230-239.	2.6	13
118	Isatin thiosemicarbazones promote honeycomb structure formation in spin-coated polymer films: concentration effect and release studies. <i>RSC Advances</i> , 2017, 7, 12945-12952.	1.7	7
119	Variable clustering and spectral angle mapperâ€œorthogonal projection method for Raman mapping of compound detection in tablets. <i>Journal of Chemometrics</i> , 2017, 31, e2861.	0.7	9
120	Experimental and computational examination of anastellin (FnIIIc)â€œpolymer interactions. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 737-745.	2.1	8
121	Fabrication and characterisation of drug-loaded electrospun polymeric nanofibers for controlled release in hernia repair. <i>International Journal of Pharmaceutics</i> , 2017, 517, 329-337.	2.6	62
122	Direct Observation of Templated Two-Step Nucleation Mechanism during Olanzapine Hydrate Formation. <i>Crystal Growth and Design</i> , 2017, 17, 6382-6393.	1.4	41
123	Immobilization engineering â€œ How to design advanced solâ€œgel systems for biocatalysis?. <i>Green Chemistry</i> , 2017, 19, 3927-3937.	4.6	44
124	In-line Raman spectroscopic monitoring and feedback control of a continuous twin-screw pharmaceutical powder blending and tableting process. <i>International Journal of Pharmaceutics</i> , 2017, 530, 21-29.	2.6	82
125	Experimental cocrystal screening and solution based scale-up cocrystallization methods. <i>Advanced Drug Delivery Reviews</i> , 2017, 117, 162-177.	6.6	87
126	Novel Gemcitabine Conjugated Albumin Nanoparticles: a Potential Strategy to Enhance Drug Efficacy in Pancreatic Cancer Treatment. <i>Pharmaceutical Research</i> , 2017, 34, 2295-2311.	1.7	46

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127	Electrospun collagen-based nanofibres: A sustainable material for improved antibiotic utilisation in tissue engineering applications. <i>International Journal of Pharmaceutics</i> , 2017, 531, 67-79.	2.6	83
128	Scaling of continuous twin screw wet granulation. <i>AIChE Journal</i> , 2017, 63, 921-932.	1.8	27
129	Microfluidic manufacturing of phospholipid nanoparticles: Stability, encapsulation efficacy, and drug release. <i>International Journal of Pharmaceutics</i> , 2017, 516, 91-99.	2.6	90
130	Quantification and handling of nonlinearity in Raman micro-spectrometry of pharmaceuticals. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 128, 236-246.	1.4	12
131	Engineering and manufacturing of pharmaceutical co-crystals: a review of solvent-free manufacturing technologies. <i>Chemical Communications</i> , 2016, 52, 8772-8786.	2.2	111
132	Current Trends on Medical and Pharmaceutical Applications of Inkjet Printing Technology. <i>Pharmaceutical Research</i> , 2016, 33, 1799-1816.	1.7	97
133	Tunable Supramolecular Hydrogels for Selection of Lineage-Guiding Metabolites in Stem Cell Cultures. <i>CheM</i> , 2016, 1, 298-319.	5.8	170
134	A comparison study of the degradative effects and safety implications of UVC and 405Ånm germicidal light sources for endoscope storage. <i>Polymer Degradation and Stability</i> , 2016, 133, 249-254.	2.7	22
135	Thermoresponsive Polymer Micropatterns Fabricated by Dip-Pen Nanolithography for a Highly Controllable Substrate with Potential Cellular Applications. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 24844-24852.	4.0	10
136	Bioinspired Silica Offers a Novel, Green, and Biocompatible Alternative to Traditional Drug Delivery Systems. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1493-1503.	2.6	22
137	Raman-Based Feedback Control of the Enzymatic Hydrolysis of Lactose. <i>Organic Process Research and Development</i> , 2016, 20, 1721-1727.	1.3	11
138	Applications of AFM in Pharmaceutical Sciences. <i>Advances in Delivery Science and Technology</i> , 2016, , 649-674.	0.4	4
139	Interplay between Vacuum-Grown Monolayers of Alkylphosphonic Acids and the Performance of Organic Transistors Based on Dinaphtho[2,3- <i>b</i> :2'3'- <i>f</i>]thieno[3,2- <i>b</i>]thiophene. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 25405-25414.	4.0	16
140	Lubricant-Induced Crystallization of Itraconazole From Tablets Made of Electrospun Amorphous Solid Dispersion. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 2982-2988.	1.6	31
141	Enzymatically activated emulsions stabilised by interfacial nanofibre networks. <i>Soft Matter</i> , 2016, 12, 2623-2631.	1.2	23
142	Isatin thiosemicarbazone-blended polymer films for biomedical applications: surface morphology, characterisation and preliminary biological assessment. <i>RSC Advances</i> , 2016, 6, 24939-24945.	1.7	7
143	A novel hot-melt extrusion formulation of albendazole for increasing dissolution properties. <i>International Journal of Pharmaceutics</i> , 2016, 499, 175-185.	2.6	43
144	Development and Biological Evaluation of Inkjet Printed Drug Coatings on Intravascular Stent. <i>Molecular Pharmaceutics</i> , 2016, 13, 125-133.	2.3	37

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145	Novel Controlled Release Polymer-Lipid Formulations Processed by Hot Melt Extrusion. AAPS PharmSciTech, 2016, 17, 191-199.	1.5	15
146	Comparison of multivariate linear regression methods in micro-Raman spectrometric quantitative characterization. Journal of Raman Spectroscopy, 2015, 46, 566-576.	1.2	19
147	Vaccines Against Non-Infectious, Non-Cancer Novel Targets. , 2015, , 221-250.		1
148	Inkjet printing of transdermal microneedles for the delivery of anticancer agents. International Journal of Pharmaceutics, 2015, 494, 593-602.	2.6	141
149	Quantification of low drug concentration in model formulations with multivariate analysis using surface enhanced Raman chemical imaging. Journal of Pharmaceutical and Biomedical Analysis, 2015, 107, 318-324.	1.4	9
150	Implementation of transmission NIR as a PAT tool for monitoring drug transformation during HME processing. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 96, 106-116.	2.0	50
151	Comparison of spray drying, electroblowing and electrospinning for preparation of Eudragit E and itraconazole solid dispersions. International Journal of Pharmaceutics, 2015, 494, 23-30.	2.6	44
152	Delivery of retinoic acid to LNCap human prostate cancer cells using solid lipid nanoparticles. International Journal of Pharmaceutics, 2015, 493, 161-171.	2.6	51
153	Influence of cholesterol on liposome stability and on in vitro drug release. Drug Delivery and Translational Research, 2015, 5, 231-242.	3.0	460
154	Inkjet printing of insulin microneedles for transdermal delivery. Drug Delivery and Translational Research, 2015, 5, 451-461.	3.0	69
155	Investigation of an 11 mm diameter twin screw granulator: Screw element performance and in-line monitoring via image analysis. International Journal of Pharmaceutics, 2015, 496, 24-32.	2.6	25
156	Feedback Control of Oximation Reaction by Inline Raman Spectroscopy. Organic Process Research and Development, 2015, 19, 189-195.	1.3	22
157	Bioinspired silica as drug delivery systems and their biocompatibility. Journal of Materials Chemistry B, 2014, 2, 5028-5042.	2.9	26
158	Lipid-like Self-Assembling Peptide Nanovesicles for Drug Delivery. ACS Applied Materials & Interfaces, 2014, 6, 8184-8189.	4.0	95
159	Sustained and controlled release of lipophilic drugs from a self-assembling amphiphilic peptide hydrogel. International Journal of Pharmaceutics, 2014, 474, 103-111.	2.6	49
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