

David Simon Jones

List of Publications by Year in descending order

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131
papers

6,179
citations

61984

43
h-index

76900

74
g-index

132
all docs

132
docs citations

132
times ranked

6531
citing authors

#	ARTICLE	IF	CITATIONS
1	Mucoadhesive polymeric platforms for controlled drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 71, 505-518.	4.3	625
2	Textural, viscoelastic and mucoadhesive properties of pharmaceutical gels composed of cellulose polymers. <i>International Journal of Pharmaceutics</i> , 1997, 151, 223-233.	5.2	264
3	Construction of Drug-Polymer Thermodynamic Phase Diagrams Using Flory-Huggins Interaction Theory: Identifying the Relevance of Temperature and Drug Weight Fraction to Phase Separation within Solid Dispersions. <i>Molecular Pharmaceutics</i> , 2013, 10, 236-248.	4.6	187
4	Rheological, mechanical and mucoadhesive properties of thermoresponsive, bioadhesive binary mixtures composed of poloxamer 407 and carbopol 974P designed as platforms for implantable drug delivery systems for use in the oral cavity. <i>International Journal of Pharmaceutics</i> , 2009, 372, 49-58.	5.2	180
5	Semisolid Systems Containing Propolis for the Treatment of Periodontal Disease: In Vitro Release Kinetics, Syringeability, Rheological, Textural, and Mucoadhesive Properties. <i>Journal of Pharmaceutical Sciences</i> , 2007, 96, 2074-2089.	3.3	169
6	Design, characterisation and preliminary clinical evaluation of a novel mucoadhesive topical formulation containing tetracycline for the treatment of periodontal disease. <i>Journal of Controlled Release</i> , 2000, 67, 357-368.	9.9	148
7	Textural analysis and flow rheometry of novel, bioadhesive antimicrobial oral gels. <i>Pharmaceutical Research</i> , 1997, 14, 450-457.	3.5	126
8	Development and mechanical characterization of bioadhesive semi-solid, polymeric systems containing tetracycline for the treatment of periodontal diseases. <i>Pharmaceutical Research</i> , 1996, 13, 1734-1738.	3.5	124
9	Hydrogel-Forming Microneedle Arrays Allow Detection of Drugs and Glucose In Vivo: Potential for Use in Diagnosis and Therapeutic Drug Monitoring. <i>PLoS ONE</i> , 2015, 10, e0145644.	2.5	122
10	Antimicrobial efficacy of tobramycin polymeric nanoparticles for <i>Pseudomonas aeruginosa</i> infections in cystic fibrosis: Formulation, characterisation and functionalisation with dornase alfa (DNase). <i>Journal of Controlled Release</i> , 2015, 198, 55-61.	9.9	122
11	Light-Triggered Molecule-Scale Drug Dosing Devices. <i>Journal of the American Chemical Society</i> , 2007, 129, 9572-9573.	13.7	113
12	Solvent induced phase inversion-based in situ forming controlled release drug delivery implants. <i>Journal of Controlled Release</i> , 2014, 176, 8-23.	9.9	111
13	Comparative Study of Different Methods for the Prediction of Drug-Polymer Solubility. <i>Molecular Pharmaceutics</i> , 2015, 12, 3408-3419.	4.6	111
14	Texture profile analysis of bioadhesive polymeric semisolids: Mechanical characterization and investigation of interactions between formulation components. <i>Journal of Applied Polymer Science</i> , 1996, 61, 2229-2234.	2.6	110
15	Minimally invasive microneedles for ocular drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 525-537.	5.0	101
16	Poloxamer-based in situ gelling thermoresponsive systems for ocular drug delivery applications. <i>Drug Discovery Today</i> , 2019, 24, 1575-1586.	6.4	101
17	Physicochemical characterization and drug-release properties of celecoxib hot-melt extruded glass solutions. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 62, 1580-1590.	2.4	100
18	An Investigation into the Dissolution Properties of Celecoxib Melt Extrudates: Understanding the Role of Polymer Type and Concentration in Stabilizing Supersaturated Drug Concentrations. <i>Molecular Pharmaceutics</i> , 2011, 8, 1362-1371.	4.6	92

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19	Poly(μ -caprolactone) and poly(μ -caprolactone)-polyvinylpyrrolidone-iodine blends as ureteral biomaterials: characterisation of mechanical and surface properties, degradation and resistance to encrustation in vitro. <i>Biomaterials</i> , 2002, 23, 4449-4458.	11.4	90
20	Mucoadhesive, syringeable drug delivery systems for controlled application of metronidazole to the periodontal pocket: In vitro release kinetics, syringeability, mechanical and mucoadhesive properties. <i>Journal of Controlled Release</i> , 1997, 49, 71-79.	9.9	89
21	Anti-infective photodynamic biomaterials for the prevention of intraocular lens-associated infectious endophthalmitis. <i>Biomaterials</i> , 2009, 30, 597-602.	11.4	86
22	Hot-melt extrusion technology and pharmaceutical application. <i>Therapeutic Delivery</i> , 2012, 3, 787-797.	2.2	78
23	Physicochemical characterization and preliminary in vivo efficacy of bioadhesive, semisolid formulations containing flurbiprofen for the treatment of gingivitis. <i>Journal of Pharmaceutical Sciences</i> , 1999, 88, 592-598.	3.3	75
24	Examination of the flow rheological and textural properties of polymer gels composed of poly(methylvinylether-co-maleic anhydride) and poly(vinylpyrrolidone): Rheological and mathematical interpretation of textural parameters. <i>Journal of Pharmaceutical Sciences</i> , 2002, 91, 2090-2101.	3.3	70
25	Rheological characterisation of primary and binary interactive bioadhesive gels composed of cellulose derivatives designed as ophthalmic viscosurgical devices. <i>Biomaterials</i> , 2005, 26, 571-580.	11.4	70
26	Characterization of the Rheological, Mucoadhesive, and Drug Release Properties of Highly Structured Gel Platforms for Intravaginal Drug Delivery. <i>Biomacromolecules</i> , 2009, 10, 2427-2435.	5.4	68
27	Synthesis and Characterisation of Photocrosslinked poly(ethylene glycol) diacrylate Implants for Sustained Ocular Drug Delivery. <i>Pharmaceutical Research</i> , 2018, 35, 36.	3.5	67
28	Microneedle-mediated intrascleral delivery of <i>in situ</i> forming thermoresponsive implants for sustained ocular drug delivery. <i>Journal of Pharmacy and Pharmacology</i> , 2014, 66, 584-595.	2.4	66
29	Rheological Characterization of Bioadhesive Binary Polymeric Systems Designed as Platforms for Drug Delivery Implants. <i>Biomacromolecules</i> , 2006, 7, 899-906.	5.4	65
30	Characterization of the physicochemical, antimicrobial, and drug release properties of thermoresponsive hydrogel copolymers designed for medical device applications. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2008, 85B, 417-426.	3.4	65
31	The manufacture and characterisation of hot-melt extruded enteric tablets. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 69, 264-273.	4.3	63
32	In-situ gel formulations of econazole nitrate: preparation and in-vitro and in-vivo evaluation. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 63, 1274-1282.	2.4	63
33	Rheological characterization of bioadhesive, antimicrobial, semisolids designed for the treatment of periodontal diseases: Transient and dynamic viscoelastic and continuous shear analysis. <i>Journal of Pharmaceutical Sciences</i> , 2001, 90, 1978-1990.	3.3	62
34	Rheological and mucoadhesive characterization of polymeric systems composed of poly(methylvinylether-co-maleic anhydride) and poly(vinylpyrrolidone), designed as platforms for topical drug delivery. <i>Journal of Pharmaceutical Sciences</i> , 2003, 92, 995-1007.	3.3	58
35	Using Flory-Huggins phase diagrams as a pre-formulation tool for the production of amorphous solid dispersions: a comparison between hot-melt extrusion and spray drying. <i>Journal of Pharmacy and Pharmacology</i> , 2014, 66, 256-274.	2.4	58
36	The resistance of polyvinylpyrrolidone-iodine-poly(μ -caprolactone) blends to adherence of <i>Escherichia coli</i> . <i>Biomaterials</i> , 2005, 26, 2013-2020.	11.4	57

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37	Probing the Effects of Experimental Conditions on the Character of Drug-Polymer Phase Diagrams Constructed Using Flory-Huggins Theory. <i>Pharmaceutical Research</i> , 2015, 32, 167-179.	3.5	54
38	The concomitant development of poly(vinyl chloride)-related biofilm and antimicrobial resistance in relation to ventilator-associated pneumonia. <i>Biomaterials</i> , 2001, 22, 2741-2747.	11.4	52
39	Physicochemical characterisation and biological evaluation of hydrogel-poly(ϵ -caprolactone) interpenetrating polymer networks as novel urinary biomaterials. <i>Biomaterials</i> , 2005, 26, 1761-1770.	11.4	52
40	Understanding the Performance of Melt-Extruded Poly(ethylene oxide)-Bicalutamide Solid Dispersions: Characterisation of Microstructural Properties Using Thermal, Spectroscopic and Drug Release Methods. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 200-213.	3.3	52
41	Novel Porphyrin-Incorporated Hydrogels for Photoactive Intraocular Lens Biomaterials. <i>Journal of Physical Chemistry B</i> , 2007, 111, 527-534.	2.6	47
42	Resistance of <i>Staphylococcus aureus</i> to the cationic antimicrobial agent poly(2-(dimethylamino) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 Medical Microbiology, 2011, 60, 968-976.	1.8	47
43	Using Debate to Teach Pharmacy Students About Ethical Issues. <i>American Journal of Pharmaceutical Education</i> , 2014, 78, 57.	2.1	47
44	The design and development of high drug loading amorphous solid dispersion for hot-melt extrusion platform. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119545.	5.2	44
45	Punctal plug: a medical device to treat dry eye syndrome and for sustained drug delivery to the eye. <i>Drug Discovery Today</i> , 2015, 20, 884-889.	6.4	43
46	Vaginal gel drug delivery systems: understanding rheological characteristics and performance. <i>Expert Opinion on Drug Delivery</i> , 2011, 8, 1309-1322.	5.0	42
47	Characterisation and evaluation of novel surfactant bacterial anti-adherent coatings for endotracheal tubes designed for the prevention of ventilator-associated pneumonia. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 55, 43-52.	2.4	41
48	Novel semi-interpenetrating hydrogel networks with enhanced mechanical properties and thermoresponsive engineered drug delivery, designed as bioactive endotracheal tube biomaterials. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 82, 563-571.	4.3	41
49	Examination of surface properties and in vitro biological performance of amorphous diamond-like carbon-coated polyurethane. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2006, 78B, 230-236.	3.4	40
50	Chlorhexidine release from poly(ϵ -caprolactone) films prepared by solvent evaporation. <i>International Journal of Pharmaceutics</i> , 1996, 143, 25-35.	5.2	39
51	Precursor System of Liquid Crystalline Phase Containing Propolis Microparticles for the Treatment of Periodontal Disease: Development and Characterization. <i>Drug Development and Industrial Pharmacy</i> , 2008, 34, 267-278.	2.0	38
52	An Investigation into the Role of Polymeric Carriers on Crystal Growth within Amorphous Solid Dispersion Systems. <i>Molecular Pharmaceutics</i> , 2015, 12, 1180-1192.	4.6	38
53	Physicochemical characterization of hexetidine-impregnated endotracheal tube poly(vinyl chloride) and resistance to adherence of respiratory bacterial pathogens. <i>Pharmaceutical Research</i> , 2002, 19, 818-824.	3.5	37
54	Efficient Drug Delivery and Induction of Apoptosis in Colorectal Tumors Using a Death Receptor 5-Targeted Nanomedicine. <i>Molecular Therapy</i> , 2014, 22, 2083-2092.	8.2	37

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55	Posterior drug delivery via periocular route: challenges and opportunities. <i>Therapeutic Delivery</i> , 2017, 8, 685-699.	2.2	37
56	Comparative In Vitro Assessment of a Range of Commercial Feed Additives with Multiple Mycotoxin Binding Claims. <i>Toxins</i> , 2019, 11, 659.	3.4	36
57	Metal nanoparticle-hydrogel nanocomposites for biomedical applications - An atmospheric pressure plasma synthesis approach. <i>Plasma Processes and Polymers</i> , 2018, 15, 1800112.	3.0	34
58	Casting solvent controlled release of chlorhexidine from ethylcellulose films prepared by solvent evaporation. <i>International Journal of Pharmaceutics</i> , 1995, 114, 257-261.	5.2	32
59	Examination of the Physical State of Chlorhexidine Within Viscoelastic, Bioadhesive Semisolids Using Raman Spectroscopy. <i>Journal of Pharmaceutical Sciences</i> , 2000, 89, 563-571.	3.3	32
60	Strategies for the development of the urinary catheter. <i>Expert Review of Medical Devices</i> , 2007, 4, 215-225.	2.8	32
61	Characterization of crosslinking effects on the physicochemical and drug diffusional properties of cationic hydrogels designed as bioactive urological biomaterials. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 57, 1251-1259.	2.4	32
62	Relationship between biomedical catheter surface properties and lubricity as determined using textural analysis and multiple regression analysis. <i>Biomaterials</i> , 2004, 25, 1421-1428.	11.4	31
63	Characterisation of the thermal, spectroscopic and drug dissolution properties of mefenamic acid and polyoxyethylene-polyoxypropylene solid dispersions. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 4545-4556.	3.3	31
64	A comparative study between hot-melt extrusion and spray-drying for the manufacture of anti-hypertension compatible monolithic fixed-dose combination products. <i>International Journal of Pharmaceutics</i> , 2018, 545, 183-196.	5.2	31
65	Solute and solvent effects on the thermorheological properties of poly(oxyethylene)-poly(oxypropylene) block copolymers: Implications for pharmaceutical dosage form design. <i>Journal of Applied Polymer Science</i> , 2003, 87, 1016-1026.	2.6	30
66	Viscoelastic properties of bioadhesive, chlorhexidine-containing semi-solids for topical application to the oropharynx. <i>Pharmaceutical Research</i> , 1998, 15, 1131-1136.	3.5	29
67	Photodynamic Antimicrobial Polymers for Infection Control. <i>PLoS ONE</i> , 2014, 9, e108500.	2.5	29
68	An Examination of the Rheological and Mucoadhesive Properties of Poly(Acrylic Acid) Organogels Designed as Platforms for Local Drug Delivery to the Oral Cavity. <i>Journal of Pharmaceutical Sciences</i> , 2007, 96, 2632-2646.	3.3	28
69	Controlled release drug delivery systems to improve post-operative pharmacotherapy. <i>Drug Delivery and Translational Research</i> , 2016, 6, 441-451.	5.8	28
70	Preliminary release studies of chlorhexidine (base and diacetate) from poly(ϵ -caprolactone) films prepared by solvent evaporation. <i>International Journal of Pharmaceutics</i> , 1992, 84, 85-89.	5.2	27
71	Self-lubricating silicone elastomer biomaterials. <i>Journal of Materials Chemistry</i> , 2003, 13, 2465.	6.7	26
72	An Infection-Responsive Approach To Reduce Bacterial Adhesion in Urinary Biomaterials. <i>Molecular Pharmaceutics</i> , 2016, 13, 2817-2822.	4.6	26

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73	Physicochemical Characterization of Bioactive Polyacrylic Acid Organogels as Potential Antimicrobial Implants for the Buccal Cavity. <i>Biomacromolecules</i> , 2008, 9, 624-633.	5.4	25
74	Statistical modelling of the rheological and mucoadhesive properties of aqueous poly(methylvinylether-co-maleic acid) networks: Redefining biomedical applications and the relationship between viscoelasticity and mucoadhesion. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 144, 125-134.	5.0	25
75	Characterization and optimization of experimental variables within a reproducible bladder encrustation model and in vitro evaluation of the efficacy of urease inhibitors for the prevention of medical device-related encrustation. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2006, 76B, 1-7.	3.4	23
76	The Investigation of Flory-Huggins Interaction Parameters for Amorphous Solid Dispersion Across the Entire Temperature and Composition Range. <i>Pharmaceutics</i> , 2019, 11, 420.	4.5	23
77	Local delivery of chlorhexidine using a tooth-bonded delivery system. <i>Journal of Controlled Release</i> , 1999, 61, 337-343.	9.9	22
78	Formulation and Characterisation of Tetracycline-Containing Bioadhesive Polymer Networks Designed for the Treatment of Periodontal Disease. <i>Current Drug Delivery</i> , 2004, 1, 17-25.	1.6	22
79	Mucoadhesion and Characterization of Mucoadhesive Properties. , 2014, , 35-58.		22
80	The development of an inline Raman spectroscopic analysis method as a quality control tool for hot melt extruded ramipril fixed-dose combination products. <i>International Journal of Pharmaceutics</i> , 2019, 566, 476-487.	5.2	21
81	Design of a simulated urethra model for the quantitative assessment of urinary catheter lubricity. <i>Journal of Materials Science: Materials in Medicine</i> , 2001, 12, 15-21.	3.6	20
82	The effects of hexetidine (Oraldene) on the adherence of <i>Candida albicans</i> to human buccal epithelial cells in vitro and ex vivo and on in vitro morphogenesis. <i>Pharmaceutical Research</i> , 1997, 14, 1765-1771.	3.5	19
83	Lecithin-based emulsions for potential use as saliva substitutes in patients with xerostomia - viscoelastic properties. <i>International Journal of Pharmaceutics</i> , 2013, 456, 560-568.	5.2	19
84	The development and validation of a quality by design based process analytical tool for the inline quantification of Ramipril during hot-melt extrusion. <i>International Journal of Pharmaceutics</i> , 2020, 584, 119382.	5.2	19
85	Chlorhexidine-containing mucoadhesive polymeric compacts designed for use in the oral cavity: an examination of their physical properties, in vitro/in vivo drug release properties and clinical acceptability. <i>Journal of Materials Science: Materials in Medicine</i> , 2003, 14, 825-832.	3.6	18
86	An examination of the thermorheological and drug release properties of zinc tetraphenylporphyrin-containing thermoresponsive hydrogels, designed as light activated antimicrobial implants. <i>Chemical Engineering Science</i> , 2007, 62, 990-999.	3.8	18
87	Anti-Adherent Biomaterials for Prevention of Catheter Biofouling. <i>International Journal of Pharmaceutics</i> , 2018, 535, 420-427.	5.2	18
88	Key biological issues in contact lens development. <i>Expert Review of Medical Devices</i> , 2008, 5, 581-590.	2.8	17
89	Drug-Rich Phases Induced by Amorphous Solid Dispersion: Arbitrary or Intentional Goal in Oral Drug Delivery?. <i>Pharmaceutics</i> , 2021, 13, 889.	4.5	17
90	Primary interactions of three quaternary ammonium compounds with blastospores of <i>Candida albicans</i> (MEN strain). <i>Pharmaceutical Research</i> , 1995, 12, 649-652.	3.5	16

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91	Hydrogel Antimicrobial Capture Coatings for Endotracheal Tubes: A Pharmaceutical Strategy Designed to Prevent Ventilator-Associated Pneumonia. <i>Molecular Pharmaceutics</i> , 2015, 12, 2928-2936.	4.6	16
92	Development, Validation and Application of a Stability Indicating HPLC Method to Quantify Lidocaine from Polyethylene-co-Vinyl Acetate (EVA) Matrices and Biological Fluids. <i>Journal of Chromatographic Science</i> , 2017, 55, 832-838.	1.4	16
93	Optimization of singlet oxygen production from photosensitizer incorporated, medically relevant hydrogels. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 320-326.	3.4	16
94	A New Method of Constructing a Drug-Polymer Temperature-Composition Phase Diagram Using Hot-Melt Extrusion. <i>Molecular Pharmaceutics</i> , 2018, 15, 1379-1391.	4.6	16
95	Conditioning film and environmental effects on the adherence of <i>Candida</i> spp. to silicone and poly(vinylchloride) biomaterials. <i>Journal of Materials Science: Materials in Medicine</i> , 2001, 12, 399-405.	3.6	15
96	The Journal of Pharmacy and Pharmacology in the New Millennium. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 52, 1-1.	2.4	14
97	The development of sustained release drug delivery platforms using melt-extruded cellulose-based polymer blends. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 69, 32-42.	2.4	14
98	Biofilm Complications of Urinary Tract Devices. , 2003, , 136-170.		13
99	Development of Polycaprolactone-Based metronidazole matrices for intravaginal extended drug delivery using a mechanochemically prepared therapeutic deep eutectic system. <i>International Journal of Pharmaceutics</i> , 2021, 593, 120071.	5.2	12
100	Advances in ophthalmic drug delivery. <i>Journal of Pharmacy and Pharmacology</i> , 2014, 66, 487-489.	2.4	11
101	Reduction of <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> colonisation on PVC through covalent surface attachment of fluorinated thiols. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 61, 1163-1169.	2.4	10
102	The effect of dilute solution properties on poly(vinyl alcohol) films. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2013, 28, 222-231.	3.1	10
103	Comparing human peritoneal fluid and phosphate-buffered saline for drug delivery: do we need bio-relevant media?. <i>Drug Delivery and Translational Research</i> , 2018, 8, 708-718.	5.8	10
104	Metformin Hydrochloride and Sitagliptin Phosphate Fixed-Dose Combination Product Prepared Using Melt Granulation Continuous Processing Technology. <i>AAPS PharmSciTech</i> , 2020, 21, 23.	3.3	10
105	A non-opioid analgesic implant for sustained post-operative intraperitoneal delivery of lidocaine, characterized using an ovine model. <i>Biomaterials</i> , 2020, 263, 120409.	11.4	10
106	3D Printing: an appealing technology for the manufacturing of solid oral dosage forms. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 1427-1449.	2.4	10
107	Understanding the physicochemical properties and degradation kinetics of nicotinamide riboside, a promising vitamin B3 nutritional supplement. <i>Food and Nutrition Research</i> , 2019, 63, .	2.6	10
108	Thermodynamically stable amorphous drug dispersions in amorphous hydrophilic polymers engineered by hot melt extrusion. <i>Chemical Engineering Research and Design</i> , 2014, 92, 3046-3054.	5.6	9

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109	Characterisation and modelling of the thermorheological properties of pharmaceutical polymers and their blends using capillary rheometry: Implications for hot melt processing of dosage forms. <i>International Journal of Pharmaceutics</i> , 2015, 493, 251-259.	5.2	9
110	Moisture-activated rheological structuring of nonaqueous poloxamine-poly(acrylic acid) systems designed as novel biomedical implants. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 1838-1854.	3.3	8
111	Photochemically Controlled Drug Dosing from a Polymeric Scaffold. <i>Pharmaceutical Research</i> , 2017, 34, 1469-1476.	3.5	8
112	Release kinetics of oleyl alcohol from a self-lubricating silicone biomaterial. <i>Journal of Materials Chemistry</i> , 2004, 14, 1093.	6.7	7
113	Rheological Analysis of Polymer Interactions and Ageing of Poly(Methylvinylether-Co-Maleic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Pharmaceutical Sciences</i> , 2015, 104, 4329-4338.	3.3	6
114	The optimization of process analytical technology for the inline quantification of multiple drugs in fixed dose combinations during continuous processing. <i>International Journal of Pharmaceutics</i> , 2021, 592, 120024.	5.2	6
115	The development and optimisation of gastro-retentive floating tablets using fused deposition modelling 3D printing. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 1450-1466.	2.4	6
116	Investigation of Methylene Blue Release from Functional Polymeric Systems Using Dielectric Analysis. <i>Current Drug Delivery</i> , 2018, 15, 64-76.	1.6	5
117	A validated size exclusion chromatography method coupled with fluorescence detection for rapid quantification of bevacizumab in ophthalmic formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 174, 145-150.	2.8	5
118	Continuous manufacture of hydroxychloroquine sulfate drug products via hot melt extrusion technology to meet increased demand during a global pandemic: From bench to pilot scale. <i>International Journal of Pharmaceutics</i> , 2021, 605, 120818.	5.2	5
119	Reprint of "Characterisation and modelling of the thermorheological properties of pharmaceutical polymers and their blends using capillary rheometry: Implications for hot melt processing of dosage forms". <i>International Journal of Pharmaceutics</i> , 2015, 496, 86-94.	5.2	4
120	Latanoprost Quantification in Ocular Implants and Tissues: HPLC-Fluorescence vs HPLC-UV. <i>Journal of Chromatographic Science</i> , 2021, 59, 64-70.	1.4	4
121	Determination of the Salivary Retention of Hexetidine In-vivo by High-performance Liquid Chromatography. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 52, 1355-1359.	2.4	3
122	Design of binary polymeric platforms containing É©-carrageenan and hydroxypropylcellulose for use in cataract surgery. <i>Carbohydrate Polymers</i> , 2016, 154, 296-304.	10.2	3
123	Effect of carrier type and Tween® 80 concentration on the release of silymarin from amorphous solid dispersions. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 63, 102416.	3.0	3
124	Rheological destructuring of aqueous gels composed of cellulose ethers following storage in the presence of redox agents. <i>Journal of Applied Polymer Science</i> , 2005, 98, 852-859.	2.6	2
125	Dr. Marcus Brewster: A Tribute to a Leader within the Pharmaceutical Sciences. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 68, 543-543.	2.4	2
126	A statistical determination of the contribution of viscoelasticity of aqueous carbohydrate polymer networks to drug release. <i>Carbohydrate Polymers</i> , 2019, 206, 511-519.	10.2	2

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127	Texture profile analysis of bioadhesive polymeric semisolids: Mechanical characterization and investigation of interactions between formulation components. <i>Journal of Applied Polymer Science</i> , 1996, 61, 2229-2234.	2.6	2
128	Exploiting hydrogen bonding to enhance lidocaine loading and stability in a poly ethylene-co-vinyl acetate carrier matrix. <i>International Journal of Pharmaceutics</i> , 2022, 621, 121819.	5.2	2
129	Advanced polymeric biomaterials: Clinical panacea or modern dilemma?. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 50, 1-1.	2.4	1
130	Strontium-containing, carbohydrate-based polymer networks as tooth-adherent systems for the treatment of dentine hypersensitivity. <i>Carbohydrate Polymers</i> , 2017, 157, 400-408.	10.2	1
131	Drug release from hydroxypropylcellulose gels cannot be statistically predicted from their viscometric and initial viscoelastic properties. <i>Carbohydrate Polymers</i> , 2021, 256, 117512.	10.2	1