

Darren M Svirskis

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

101
papers

1,546
citations

20
h-index

36
g-index

114
ext. papers

1,993
ext. citations

5.4
avg, IF

4.97
L-index

#	Paper	IF	Citations
101	Detection of Anastomotic Leakage Following Elective Colonic Surgery: Results of the Prospective Biomarkers and Anastomotic Leakage (BALL) Study.. <i>Journal of Surgical Research</i> , 2022 , 273, 85-92	2.5	0
100	The involvement of extracellular vesicles in the transcytosis of nanoliposomes through brain endothelial cells, and the impact of liposomal pH-sensitivity.. <i>Materials Today Bio</i> , 2022 , 13, 100212	9.9	0
99	Composition tuning of scalable antibacterial polyaniline/chitosan composites through rapid enhanced microwave synthesis. <i>Materials Chemistry and Physics</i> , 2022 , 278, 125676	4.4	0
98	Subcritical hydrothermal deconstruction of two hormones (adrenaline and progesterone) in pharmaceutical waste. <i>Journal of Supercritical Fluids</i> , 2022 , 179, 105388	4.2	1
97	Preformulation Studies of Thymopentin: Analytical Method Development, Physicochemical Properties, Kinetic Degradation Investigations and Formulation Perspective.. <i>Drug Development and Industrial Pharmacy</i> , 2022 , 1-38	3.6	0
96	Non-transferrin bound iron.. <i>Clinica Chimica Acta</i> , 2022 , 531, 157-167	6.2	1
95	A Subdural Bioelectronic Implant to Record Electrical Activity from the Spinal Cord in Freely Moving Rats.. <i>Advanced Science</i> , 2022 , e2105913	13.6	1
94	Quantification and composition of pharmaceutical waste in New Zealand.. <i>Journal of Material Cycles and Waste Management</i> , 2022 , 1-9	3.4	0
93	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 , 121819	6.5	0
92	Neurotrophins and their role in axonal outgrowth following spinal cord injury 2022 , 215-227		
91	Conducting polymer hydrogels with electrically-tuneable mechanical properties as dynamic cell culture substrates.. <i>Materials Science and Engineering C</i> , 2021 , 112559	8.3	0
90	Stability and compatibility of admixtures containing bupivacaine hydrochloride and ketorolac tromethamine for parenteral use. <i>European Journal of Hospital Pharmacy</i> , 2021 ,	1.6	1
89	An interpenetrating and patternable conducting polymer hydrogel for electrically stimulated release of glutamate. <i>Acta Biomaterialia</i> , 2021 ,	10.8	1
88	Hydrothermal deconstruction of two antibiotics (amoxicillin and metronidazole). <i>Journal of Cleaner Production</i> , 2021 , 325, 129330	10.3	1
87	Externally triggered release of growth factors - A tissue regeneration approach. <i>Journal of Controlled Release</i> , 2021 , 332, 74-95	11.7	7
86	Strain engraftment competition and functional augmentation in a multi-donor fecal microbiota transplantation trial for obesity. <i>Microbiome</i> , 2021 , 9, 107	16.6	12
85	Transcutaneous Electrical Stimulation for Neurogenic Bladder Dysfunction Following Spinal Cord Injury: Meta-Analysis of Randomized Controlled Trials. <i>Neuromodulation</i> , 2021 , 24, 1237-1246	3.1	1

84	Zebularine suppressed gemcitabine-induced senescence and improved the cellular and plasma pharmacokinetics of gemcitabine, augmented by liposomal co-delivery. <i>International Journal of Pharmaceutics</i> , 2021 , 602, 120659	6.5	3
83	Injectable thermoresponsive gels offer sustained dual release of bupivacaine hydrochloride and ketorolac tromethamine for up to two weeks. <i>International Journal of Pharmaceutics</i> , 2021 , 604, 120748	6.5	4
82	evaluation of the influence of pH on the ophthalmic safety, antibacterial efficacy and storage stability of povidone-iodine. <i>Australasian journal of optometry, The</i> , 2021 , 104, 162-166	2.7	1
81	Hydrothermal deconstruction of local anesthetics (bupivacaine and lignocaine) in pharmaceutical waste. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106273	6.8	1
80	Stretchable microchannel-on-a-chip: A simple model for evaluating the effects of uniaxial strain on neuronal injury. <i>Journal of Neuroscience Methods</i> , 2021 , 362, 109302	3	1
79	Photosensitive drug delivery systems for cancer therapy: Mechanisms and applications. <i>Journal of Controlled Release</i> , 2021 , 338, 446-461	11.7	13
78	N-trimethyl chitosan coated nano-complexes enhance the oral bioavailability and chemotherapeutic effects of gemcitabine. <i>Carbohydrate Polymers</i> , 2021 , 273, 118592	10.3	3
77	Optimised techniques for high-throughput screening of differentiated SH-SY5Y cells and application for neurite outgrowth assays.. <i>Scientific Reports</i> , 2021 , 11, 23935	4.9	2
76	Dual or multiple drug loaded nanoparticles to target breast cancer stem cells.. <i>RSC Advances</i> , 2020 , 10, 19089-19105	3.7	21
75	Association between perioperative intraperitoneal local anaesthetic infusion and long-term survival and cancer recurrence after colectomy: follow-up analysis of a previous randomized controlled trial. <i>ANZ Journal of Surgery</i> , 2020 , 90, 802-806	1	3
74	Formulation strategies to modulate drug release from poloxamer based in situ gelling systems. <i>Expert Opinion on Drug Delivery</i> , 2020 , 17, 495-509	8	15
73	A NAG-Guided Nano-Delivery System for Redox- and pH-Triggered Intracellularly Sequential Drug Release in Cancer Cells. <i>International Journal of Nanomedicine</i> , 2020 , 15, 841-855	7.3	8
72	Non-invasive neuromodulation for bowel, bladder and sexual restoration following spinal cord injury: A systematic review. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 194, 105822	2	4
71	Determining Neurotrophin Gradients in Vitro To Direct Axonal Outgrowth Following Spinal Cord Injury. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 121-132	5.7	4
70	A non-opioid analgesic implant for sustained post-operative intraperitoneal delivery of lidocaine, characterized using an ovine model. <i>Biomaterials</i> , 2020 , 263, 120409	15.6	3
69	Conducting polymer hydrogels for electrically responsive drug delivery. <i>Journal of Controlled Release</i> , 2020 , 328, 192-209	11.7	29
68	Stretchable Electronics Based on Laser Structured, Vapor Phase Polymerized PEDOT/Tosylate. <i>Polymers</i> , 2020 , 12,	4.5	2
67	A simultaneous optical and electrical in-vitro neuronal recording system to evaluate microelectrode performance. <i>PLoS ONE</i> , 2020 , 15, e0237709	3.7	4

66	High prevalence of undiagnosed comorbidities among adolescents with obesity. <i>Scientific Reports</i> , 2020 , 10, 20101	4.9	3
65	Effects of Fecal Microbiome Transfer in Adolescents With Obesity: The Gut Bugs Randomized Controlled Trial. <i>JAMA Network Open</i> , 2020 , 3, e2030415	10.4	22
64	The Effect of Manufacturer on the Compounding of Omeprazole Suspensions and Their Stability Assessment. <i>International Journal of Pharmaceutical Compounding</i> , 2020 , 24, 140-147	0.2	0
63	Alcohol-free Extemporaneous Formulations of Furosemide Are Chemically and Physically Stable in Ora-Blend Products for 30 Days. <i>International Journal of Pharmaceutical Compounding</i> , 2020 , 24, 246-251 ^{0.2}		
62	Optimisation of glutathione conjugation to liposomes quantified with a validated HPLC assay. <i>International Journal of Pharmaceutics</i> , 2019 , 567, 118451	6.5	2
61	Subcutaneous nicotine delivery via needle-free jet injection: A porcine model. <i>Journal of Controlled Release</i> , 2019 , 306, 83-88	11.7	8
60	Human Neural Tissues from Neural Stem Cells Using Conductive Biogel and Printed Polymer Microelectrode Arrays for 3D Electrical Stimulation. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1900425	10.1	35
59	Can intracellular drug delivery using hyaluronic acid functionalised pH-sensitive liposomes overcome gemcitabine resistance in pancreatic cancer?. <i>Journal of Controlled Release</i> , 2019 , 305, 89-100 ^{11.7}		25
58	Protocol for the Gut Bugs Trial: a randomised double-blind placebo-controlled trial of gut microbiome transfer for the treatment of obesity in adolescents. <i>BMJ Open</i> , 2019 , 9, e026174	3	7
57	Liposome-Mediated Drug Delivery in Larval Zebrafish to Manipulate Macrophage Function. <i>Zebrafish</i> , 2019 , 16, 171-181	2	10
56	Neural Tissue Engineering: Human Neural Tissues from Neural Stem Cells Using Conductive Biogel and Printed Polymer Microelectrode Arrays for 3D Electrical Stimulation (Adv. Healthcare Mater. 15/2019). <i>Advanced Healthcare Materials</i> , 2019 , 8, 1970062	10.1	1
55	Make it simple: long-term stable gradient generation in a microfluidic microdevice. <i>Biomedical Microdevices</i> , 2019 , 21, 77	3.7	7
54	Controlled transdermal drug delivery using a wireless magnetic microneedle patch: Preclinical device development. <i>Sensors and Actuators B: Chemical</i> , 2019 , 297, 126708	8.5	26
53	A Macroscopic Diffusion-Based Gradient Generator to Establish Concentration Gradients of Soluble Molecules Within Hydrogel Scaffolds for Cell Culture. <i>Frontiers in Chemistry</i> , 2019 , 7, 638	5	4
52	Development of a Low Cost & Low Noise Amplification System For In Vitro Neuronal Recording through Microelectrode Arrays. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2019 , 2019, 6055-6058	0.9	1
51	The influence of macropores on PEDOT/PSS microelectrode coatings for neuronal recording and stimulation. <i>Sensors and Actuators B: Chemical</i> , 2019 , 281, 549-560	8.5	20
50	Stability of vincristine sulfate, doxorubicin hydrochloride and etoposide phosphate admixtures in polyisoprene elastomeric pump supporting transition of the EPOCH regimen to outpatient care. <i>Journal of Oncology Pharmacy Practice</i> , 2019 , 25, 831-840	1.7	2
49	Intravenous Local Anaesthetic Compared with Intraperitoneal Local Anaesthetic in Abdominal Surgery: A Systematic Review. <i>World Journal of Surgery</i> , 2018 , 42, 3112-3119	3.3	10

48	Free standing PEDOT films prepared by vapour phase polymerisation as electrically tuneable barriers to drug permeability. <i>Materials Science and Engineering C</i> , 2018 , 84, 248-253	8.3	6
47	3-Dimensionally ordered macroporous PEDOT ion-exchange resins prepared by vapor phase polymerization for triggered drug delivery: Fabrication and characterization. <i>Electrochimica Acta</i> , 2018 , 269, 560-570	6.7	13
46	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	6.2	7
45	N-trimethyl chitosan nanoparticles and CSKSSDYQC peptide: N-trimethyl chitosan conjugates enhance the oral bioavailability of gemcitabine to treat breast cancer. <i>Journal of Controlled Release</i> , 2018 , 277, 142-153	11.7	61
44	Micelle directed chemical polymerization of polypyrrole particles for the electrically triggered release of dexamethasone base and dexamethasone phosphate. <i>International Journal of Pharmaceutics</i> , 2018 , 543, 38-45	6.5	10
43	In vitro and ex vivo characterisation of an in situ gelling formulation for sustained lidocaine release with potential use following knee arthroplasty. <i>Drug Delivery and Translational Research</i> , 2018 , 8, 820-829 ²	6.2	7
42	Design of microemulsion system suitable for the oral delivery of poorly aqueous soluble beta-carotene. <i>Pharmaceutical Development and Technology</i> , 2018 , 23, 682-688	3.4	6
41	A Stability Indicating HPLC Method to Determine Actual Content and Stability of Nicotine within Electronic Cigarette Liquids. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	8
40	Conducting polymers for neuronal microelectrode array recording and stimulation. <i>Sensors and Actuators B: Chemical</i> , 2018 , 257, 753-765	8.5	47
39	Using Technology in Pharmacy Education: Pharmacy Student Performance and Perspectives When Visual Aids Are Integrated Into Learning. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1062	5.6	6
38	Analysis of the Postoperative Periarticular Environment and Influence on Sustained Drug Delivery From a Gel Formulation. <i>Journal of Pharmaceutical Sciences</i> , 2018 , 107, 2399-2403	3.9	1
37	The Influence of Tablet Formulation, Drug Concentration, and pH Modification on the Stability of Extemporaneously Compounded Levothyroxine Suspensions. <i>International Journal of Pharmaceutical Compounding</i> , 2018 , 22, 164-171	0.2	1
36	Systematic review of the systemic concentrations of local anaesthetic after transversus abdominis plane block and rectus sheath block. <i>British Journal of Anaesthesia</i> , 2017 , 118, 517-526	5.4	36
35	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	9
34	Taking the lead from our colleagues in medical education: the use of images of the in-vivo setting in teaching concepts of pharmaceutical science. <i>Journal of Pharmaceutical Policy and Practice</i> , 2017 , 10, 22	3.2	1
33	Cyclic-RGDyC functionalized liposomes for dual-targeting of tumor vasculature and cancer cells in glioblastoma: An in vitro boron neutron capture therapy study. <i>Oncotarget</i> , 2017 , 8, 36614-36627	3.3	35
32	Conducting Polymers as Electrode Coatings for Neuronal Multi-electrode Arrays. <i>Trends in Biotechnology</i> , 2017 , 35, 93-95	15.1	19
31	Magnetic Resonance Imaging to Visualize Disintegration of Oral Formulations. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 745-750	3.9	10

30	Porous conducting polymer prepared through liquid crystal template for drug delivery. <i>International Journal of Nanotechnology</i> , 2017 , 14, 422	1.5	
29	Physicochemical characterization of native glycyl-L-histidyl-L-lysine tripeptide for wound healing and anti-aging: a preformulation study for dermal delivery. <i>Pharmaceutical Development and Technology</i> , 2016 , 21, 152-60	3.4	4
28	Injectable thermosensitive gelling delivery system for the sustained release of lidocaine. <i>Therapeutic Delivery</i> , 2016 , 7, 359-68	3.8	9
27	Cytotoxicity considerations and electrically tunable release of dexamethasone from polypyrrole for the treatment of back-of-the-eye conditions. <i>Drug Delivery and Translational Research</i> , 2016 , 6, 793-799	6.2	12
26	Azithromycin and Dexamethasone Loaded β -Glucan Films for the Treatment of Blepharitis. <i>Drug Delivery Letters</i> , 2016 , 6, 22-29	0.8	1
25	Effects of GHK-Cu on MMP and TIMP Expression, Collagen and Elastin Production, and Facial Wrinkle Parameters. <i>Journal of Aging Science</i> , 2016 , 04,	0	7
24	Controlled release drug delivery systems to improve post-operative pharmacotherapy. <i>Drug Delivery and Translational Research</i> , 2016 , 6, 441-51	6.2	22
23	Conducting polymers with defined micro- or nanostructures for drug delivery. <i>Biomaterials</i> , 2016 , 111, 149-162	15.6	64
22	Electro-responsive macroporous polypyrrole scaffolds for triggered dexamethasone delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 94, 419-26	5.7	35
21	Development and validation of a stability indicating isocratic HPLC method for gemcitabine with application to drug release from poly lactic-co-glycolic acid nanoparticles and enzymatic degradation studies. <i>Journal of Pharmacy and Pharmacology</i> , 2015 , 67, 1528-36	4.8	9
20	Supercritical Fluid Technologies to Fabricate Proliposomes. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2015 , 18, 747-64	3.4	6
19	A study of microemulsions as prolonged-release injectables through in-situ phase transition. <i>Journal of Controlled Release</i> , 2014 , 174, 188-94	11.7	19
18	Physicochemical characterization of asulacrine towards the development of an anticancer liposomal formulation via active drug loading: stability, solubility, lipophilicity and ionization. <i>International Journal of Pharmaceutics</i> , 2014 , 473, 528-35	6.5	15
17	Implants for drug delivery to the posterior segment of the eye: a focus on stimuli-responsive and tunable release systems. <i>Journal of Controlled Release</i> , 2014 , 196, 208-21	11.7	109
16	An investigation into the stability and sterility of citric acid solutions used for cough reflex testing. <i>Dysphagia</i> , 2014 , 29, 622-8	3.7	3
15	Development of mucoadhesive floating hollow beads of acyclovir with gastroretentive properties. <i>Pharmaceutical Development and Technology</i> , 2014 , 19, 571-6	3.4	8
14	The use of ethanol in paediatric formulations in New Zealand. <i>European Journal of Pediatrics</i> , 2013 , 172, 919-26	4.1	4
13	High surface area polypyrrole scaffolds for tunable drug delivery. <i>International Journal of Pharmaceutics</i> , 2013 , 443, 163-8	6.5	86

12	Evaluation of vitamin D medicines and dietary supplements and the physicochemical analysis of selected formulations. <i>Journal of Nutrition, Health and Aging</i> , 2013 , 17, 158-61	5.2	20
11	CHAPTER 11:Advances in Drug-delivery Systems Based on Intrinsically Conducting Polymers. <i>RSC Smart Materials</i> , 2013 , 283-303	0.6	6
10	Electrically switchable polypyrrole film for the tunable release of progesterone. <i>Therapeutic Delivery</i> , 2013 , 4, 307-13	3.8	23
9	In-situ phase transition from microemulsion to liquid crystal with the potential of prolonged parenteral drug delivery. <i>International Journal of Pharmaceutics</i> , 2012 , 431, 130-7	6.5	31
8	A stability indicating HPLC method for the determination of electrochemically controlled release of risperidone. <i>Journal of Chromatographic Science</i> , 2011 , 49, 780-5	1.4	8
7	Intrinsically Conducting Polymer Platforms for Electrochemically Controlled Drug Delivery. <i>Studies in Mechanobiology, Tissue Engineering and Biomaterials</i> , 2010 , 481-512	0.5	1
6	Children's prescription medicines: parents' perceptions on dosing intervals, dosing devices and prescription advice. <i>International Journal of Pharmacy Practice</i> , 2010 , 15, 11-15	1.7	4
5	Extemporaneous compounding in New Zealand hospitals. <i>International Journal of Pharmacy Practice</i> , 2010 , 15, 129-131	1.7	3
4	Electrochemically controlled drug delivery based on intrinsically conducting polymers. <i>Journal of Controlled Release</i> , 2010 , 146, 6-15	11.7	336
3	Development of a Controlled Release System for Risperidone Using Polypyrrole: Mechanistic Studies. <i>Electroanalysis</i> , 2010 , 22, 439-444	3	43
2	Evaluation of physical properties and performance over time of an actuating polypyrrole based drug delivery system. <i>Sensors and Actuators B: Chemical</i> , 2010 , 151, 97-102	8.5	36
1	Polypyrrole Film as a Drug Delivery System for the Controlled Release of Risperidone 2009 ,		7