

Darren M Svirskis

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2124239/darren-m-svirskis-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Electrochemically controlled drug delivery based on intrinsically conducting polymers. <i>Journal of Controlled Release</i> , 2010 , 146, 6-15	11.7	336
100	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
99	High surface area polypyrrole scaffolds for tunable drug delivery. <i>International Journal of Pharmaceutics</i> , 2013 , 443, 163-8	6.5	86
98	Conducting polymers with defined micro- or nanostructures for drug delivery. <i>Biomaterials</i> , 2016 , 111, 149-162	15.6	64
97	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
96	Conducting polymers for neuronal microelectrode array recording and stimulation. <i>Sensors and Actuators B: Chemical</i> , 2018 , 257, 753-765	8.5	47
95	Development of a Controlled Release System for Risperidone Using Polypyrrole: Mechanistic Studies. <i>Electroanalysis</i> , 2010 , 22, 439-444	3	43
94	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
93	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
92	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
91	Electro-responsive macroporous polypyrrole scaffolds for triggered dexamethasone delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 94, 419-26	5.7	35
90	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
89	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
88	Conducting polymer hydrogels for electrically responsive drug delivery. <i>Journal of Controlled Release</i> , 2020 , 328, 192-209	11.7	29
87	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
86	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
85	Electrically switchable polypyrrole film for the tunable release of progesterone. <i>Therapeutic Delivery</i> , 2013 , 4, 307-13	3.8	23

84	Controlled release drug delivery systems to improve post-operative pharmacotherapy. <i>Drug Delivery and Translational Research</i> , 2016 , 6, 441-51	6.2	22
83	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
82	Dual or multiple drug loaded nanoparticles to target breast cancer stem cells.. <i>RSC Advances</i> , 2020 , 10, 19089-19105	3.7	21
81	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
80	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
79	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
78	Conducting Polymers as Electrode Coatings for Neuronal Multi-electrode Arrays. <i>Trends in Biotechnology</i> , 2017 , 35, 93-95	15.1	19
77	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
76	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
75	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
74	Photosensitive drug delivery systems for cancer therapy: Mechanisms and applications. <i>Journal of Controlled Release</i> , 2021 , 338, 446-461	11.7	13
73	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
72	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
71	Liposome-Mediated Drug Delivery in Larval Zebrafish to Manipulate Macrophage Function. <i>Zebrafish</i> , 2019 , 16, 171-181	2	10
70	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
69	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
68	Magnetic Resonance Imaging to Visualize Disintegration of Oral Formulations. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 745-750	3.9	10
67	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

66	Injectable thermosensitive gelling delivery system for the sustained release of lidocaine. <i>Therapeutic Delivery</i> , 2016 , 7, 359-68	3.8	9
65	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
64	Subcutaneous nicotine delivery via needle-free jet injection: A porcine model. <i>Journal of Controlled Release</i> , 2019 , 306, 83-88	11.7	8
63	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
62	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
61	Development of mucoadhesive floating hollow beads of acyclovir with gastroretentive properties. <i>Pharmaceutical Development and Technology</i> , 2014 , 19, 571-6	3.4	8
60	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
59	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
58	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
57	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	6.2	7
56	Make it simple: long-term stable gradient generation in a microfluidic microdevice. <i>Biomedical Microdevices</i> , 2019 , 21, 77	3.7	7
55	Polypyrrole Film as a Drug Delivery System for the Controlled Release of Risperidone 2009 ,		7
54	Externally triggered release of growth factors - A tissue regeneration approach. <i>Journal of Controlled Release</i> , 2021 , 332, 74-95	11.7	7
53	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
52	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
51	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
50	Supercritical Fluid Technologies to Fabricate Proliposomes. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2015 , 18, 747-64	3.4	6
49	CHAPTER 11:Advances in Drug-delivery Systems Based on Intrinsically Conducting Polymers. <i>RSC Smart Materials</i> , 2013 , 283-303	0.6	6

48	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
47	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
46	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
45	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
44	The use of ethanol in paediatric formulations in New Zealand. <i>European Journal of Pediatrics</i> , 2013 , 172, 919-26	4.1	4
43	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
42	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
41	A simultaneous optical and electrical in-vitro neuronal recording system to evaluate microelectrode performance. <i>PLoS ONE</i> , 2020 , 15, e0237709	3.7	4
40	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
39	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
38	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
37	Extemporaneous compounding in New Zealand hospitals. <i>International Journal of Pharmacy Practice</i> , 2010 , 15, 129-131	1.7	3
36	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
35	High prevalence of undiagnosed comorbidities among adolescents with obesity. <i>Scientific Reports</i> , 2020 , 10, 20101	4.9	3
34	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
33	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
32	Optimisation of glutathione conjugation to liposomes quantified with a validated HPLC assay. <i>International Journal of Pharmaceutics</i> , 2019 , 567, 118451	6.5	2
31	Stretchable Electronics Based on Laser Structured, Vapor Phase Polymerized PEDOT/Tosylate. <i>Polymers</i> , 2020 , 12,	4.5	2

30	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
29	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
28	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
27	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
26	Intrinsically Conducting Polymer Platforms for Electrochemically Controlled Drug Delivery. <i>Studies in Mechanobiology, Tissue Engineering and Biomaterials</i> , 2010 , 481-512	0.5	1
25	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
24	An interpenetrating and patternable conducting polymer hydrogel for electrically stimulated release of glutamate. <i>Acta Biomaterialia</i> , 2021 ,	10.8	1
23	Hydrothermal deconstruction of two antibiotics (amoxicillin and metronidazole). <i>Journal of Cleaner Production</i> , 2021 , 325, 129330	10.3	1
22	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
21	Azithromycin and Dexamethasone Loaded EGlucan Films for the Treatment of Blepharitis. <i>Drug Delivery Letters</i> , 2016 , 6, 22-29	0.8	1
20	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
19	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
18	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
17	Hydrothermal deconstruction of local anesthetics (bupivacaine and lignocaine) in pharmaceutical waste. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106273	6.8	1
16	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
15	Subcritical hydrothermal deconstruction of two hormones (adrenaline and progesterone) in pharmaceutical waste. <i>Journal of Supercritical Fluids</i> , 2022 , 179, 105388	4.2	1
14	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
13	Non-transferrin bound iron.. <i>Clinica Chimica Acta</i> , 2022 , 531, 157-167	6.2	1

12	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
11	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
10	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
9	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
8	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
7	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
6	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
5	Quantification and composition of pharmaceutical waste in New Zealand.. <i>Journal of Material Cycles and Waste Management</i> , 2022 , 1-9	3.4	0
4	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
3	Porous conducting polymer prepared through liquid crystal template for drug delivery. <i>International Journal of Nanotechnology</i> , 2017 , 14, 422	1.5	
2	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}		
1	Neurotrophins and their role in axonal outgrowth following spinal cord injury 2022 , 215-227		