

Peter McLoughlin

List of Publications by Year in descending order

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54
papers

1,881
citations

279778

23
h-index

265191

42
g-index

58
all docs

58
docs citations

58
times ranked

2735
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled release of naringenin from soft hydrogel contact lens: An investigation into lens critical properties and in vitro release. <i>International Journal of Pharmaceutics</i> , 2022, 621, 121793.	5.2	4
2	The influence of poly(allylamine hydrochloride) hydrogel crosslinking density on its thermal and phosphate binding properties. <i>International Journal of Pharmaceutics</i> , 2022, 621, 121806.	5.2	3
3	Dexamethasone-Loaded Nanostructured Lipid Carriers for the Treatment of Dry Eye Disease. <i>Pharmaceutics</i> , 2021, 13, 905.	4.5	23
4	Pharmaceutical-loaded contact lenses as an ocular drug delivery system: A review of critical lens characterization methodologies with reference to ISO standards. <i>Contact Lens and Anterior Eye</i> , 2021, 44, 101487.	1.7	28
5	Chitosan-Coated PLGA Nanoparticles Encapsulating Triamcinolone Acetonide as a Potential Candidate for Sustained Ocular Drug Delivery. <i>Pharmaceutics</i> , 2021, 13, 1590.	4.5	40
6	Investigation into the Stability, Crystallization Kinetics, and Heating Rate Dependent Crystallization of Amorphous Posaconazole. <i>Crystal Growth and Design</i> , 2020, 20, 5129-5142.	3.0	10
7	Methods of analysis for the in vitro and in vivo determination of the fungicidal activity of seaweeds: a mini review. <i>Journal of Applied Phycology</i> , 2019, 31, 3759-3776.	2.8	8
8	Dissolving microneedle based transdermal delivery of therapeutic peptide analogues. <i>International Journal of Pharmaceutics</i> , 2019, 565, 9-19.	5.2	35
9	The Screening and Evaluation of <i>Fucus serratus</i> and <i>Fucus vesiculosus</i> Extracts against Current Strains of MRSA Isolated from a Clinical Hospital Setting. <i>Scientific Reports</i> , 2019, 9, 17911.	3.3	7
10	Preparation and Characterization of Beclomethasone Dipropionate Solvates. <i>Crystal Growth and Design</i> , 2018, 18, 5832-5844.	3.0	6
11	Formulation and characterisation of dissolving microneedles for the transdermal delivery of therapeutic peptides. <i>International Journal of Pharmaceutics</i> , 2017, 526, 125-136.	5.2	50
12	Assessment of the antioxidant and antibacterial activities of different olive processing wastewaters. <i>PLoS ONE</i> , 2017, 12, e0182622.	2.5	43
13	Synthesis and Characterization of Poly(2-hydroxyethylmethacrylate) Contact Lenses Containing Chitosan Nanoparticles as an Ocular Delivery System for Dexamethasone Sodium Phosphate. <i>Pharmaceutical Research</i> , 2016, 33, 1638-1648.	3.5	75
14	Characterisation of dry powder inhaler formulations using atomic force microscopy. <i>International Journal of Pharmaceutics</i> , 2015, 494, 393-407.	5.2	27
15	Kinetic and thermodynamic evaluation of phosphate ions binding onto sevelamer hydrochloride. <i>International Journal of Pharmaceutics</i> , 2014, 474, 25-32.	5.2	5
16	In Vitro Assessment of Marine <i>Bacillus</i> for Use as Livestock Probiotics. <i>Marine Drugs</i> , 2014, 12, 2422-2445.	4.6	40
17	Evaluation of the Efficacy and Safety of a Marine-Derived <i>Bacillus</i> Strain for Use as an In-Feed Probiotic for Newly Weaned Pigs. <i>PLoS ONE</i> , 2014, 9, e88599.	2.5	34
18	Development of a novel antimicrobial seaweed extract-based hydrogel wound dressing. <i>International Journal of Pharmaceutics</i> , 2013, 456, 10-20.	5.2	37

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19	Molecularly imprinted polymers for corticosteroids: impact of polymer format on recognition behaviour. <i>Mikrochimica Acta</i> , 2013, 180, 1421-1431.	5.0	4
20	Molecularly imprinted polymers for the extraction of imiquimod from biological samples using a template analogue strategy. <i>Analytical Methods</i> , 2013, 5, 3122.	2.7	16
21	An enantio-selective chromatographic stationary phase for S-ibuprofen prepared by stoichiometric molecular imprinting. <i>Journal of Materials Chemistry</i> , 2012, 22, 11201.	6.7	25
22	Assessment of the Bacteriocinogenic Potential of Marine Bacteria Reveals Lichenicidin Production by Seaweed-Derived <i>Bacillus</i> spp.. <i>Marine Drugs</i> , 2012, 10, 2280-2299.	4.6	39
23	Metal Accumulation From Dietary Exposure in the Sea Urchin, <i>Strongylocentrotus droebachiensis</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2012, 63, 86-94.	4.1	24
24	Extraction and bioautographic-guided separation of antibacterial compounds from <i>Ulva lactuca</i> . <i>Journal of Applied Phycology</i> , 2012, 24, 513-523.	2.8	21
25	Enhancement and restriction of chain motion in polymer networks. <i>International Journal of Pharmaceutics</i> , 2012, 430, 34-41.	5.2	10
26	A comprehensive study of metal distribution in three main classes of seaweed. <i>Environmental Pollution</i> , 2012, 167, 171-177.	7.5	55
27	Probing the recognition of molecularly imprinted polymer beads. <i>Journal of Materials Science</i> , 2012, 47, 2218-2227.	3.7	16
28	Synthesis of imprinted beads by aqueous suspension polymerisation for chiral recognition of antihistamines. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 3523-3530.	2.3	20
29	Regeneration and Reuse of a Seaweed-Based Biosorbent in Single and Multi-Metal Systems. <i>Clean - Soil, Air, Water</i> , 2010, 38, 257-262.	1.1	14
30	The influence of polymer morphology on the performance of molecularly imprinted polymers. <i>Polymer</i> , 2010, 51, 1578-1584.	3.8	47
31	Prebiotics from Marine Macroalgae for Human and Animal Health Applications. <i>Marine Drugs</i> , 2010, 8, 2038-2064.	4.6	319
32	Competitive Sorption of Antimony with Zinc, Nickel, and Aluminum in a Seaweed Based Fixed-Bed Sorption Column. <i>Clean - Soil, Air, Water</i> , 2009, 37, 712-719.	1.1	19
33	A novel study of hexavalent chromium detoxification by selected seaweed species using SEM-EDX and XPS analysis. <i>Chemical Engineering Journal</i> , 2009, 148, 425-433.	12.7	82
34	Microneedle mediated delivery of nanoparticles into human skin. <i>International Journal of Pharmaceutics</i> , 2009, 366, 190-200.	5.2	137
35	Enhancement strategies for Cu(II), Cr(III) and Cr(VI) remediation by a variety of seaweed species. <i>Journal of Hazardous Materials</i> , 2009, 166, 318-326.	12.4	45
36	The use of FTIR and NMR spectroscopies to study prepolymerisation interactions in nitrogen heterocycles. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 1229-1236.	3.7	11

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37	Thermal desorption characterisation of molecularly imprinted polymers. Part I: a novel study using direct-probe GC-MS analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 1237-1244.	3.7	11
38	Thermal desorption characterisation of molecularly imprinted polymers. Part II: Use of direct probe GC-MS analysis to study crosslinking effects. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 1245-1253.	3.7	12
39	The development of a novel smart mid-infrared sensing methodology for residual solvents. <i>International Journal of Environmental Analytical Chemistry</i> , 2007, 87, 29-42.	3.3	9
40	Cu(II) binding by dried biomass of red, green and brown macroalgae. <i>Water Research</i> , 2007, 41, 731-740.	11.3	173
41	Ark (Northern Ireland Social and Political Archive): The Northern Ireland Qualitative Catalogue and Archive on the Conflict. <i>Irish Political Studies</i> , 2007, 22, 133-137.	0.7	1
42	The development of novel organically modified sol-gel media for use with ATR/FTIR sensing. <i>Analyst</i> , 2007, 132, 224-229.	3.5	13
43	A comparison of polymeric materials as pre-concentrating media for use with ATR/FTIR sensing. <i>International Journal of Environmental Analytical Chemistry</i> , 2006, 86, 401-415.	3.3	38
44	â€˜Whatever You Say, Say Nothingâ€™™: The Issue of â€˜Macro-Contextâ€™™ in the Construction of a Catalogue and Archive of Qualitative Material on the Northern Ireland Conflict. <i>Methodological Innovations Online</i> , 2006, 1, 64-77.	0.3	2
45	Systematic cross-selectivity study of the factors influencing template receptor interactions in molecularly imprinted nitrogen heterocycles. <i>Biosensors and Bioelectronics</i> , 2006, 22, 372-380.	10.1	22
46	A comparative study of the potential of acrylic and sol-gel polymers for molecular imprinting. <i>Analytica Chimica Acta</i> , 2005, 542, 52-60.	5.4	62
47	Modelling of Fickian diffusion to enhance polymer-modified sensor performance. <i>Sensors and Actuators B: Chemical</i> , 2005, 107, 170-177.	7.8	14
48	The use of molecularly imprinted sol-gels in pharmaceutical separations. <i>Biosensors and Bioelectronics</i> , 2004, 20, 1045-1050.	10.1	45
49	A study of the factors affecting the diffusion of chlorinated hydrocarbons into polyisobutylene and polyethylene-co-propylene for evanescent wave sensing. <i>Vibrational Spectroscopy</i> , 2003, 31, 271-278.	2.2	28
50	Investigation into polymer-diffusant interactions using ATR-FTIR spectroscopy. <i>Vibrational Spectroscopy</i> , 2003, 33, 75-82.	2.2	9
51	Determination of Hydrocarbons Using Sapphire Fibers Coated with Poly(Dimethylsiloxane). <i>Applied Spectroscopy</i> , 2003, 57, 400-406.	2.2	17
52	Study of the impact of penetrant characteristics upon diffusion into Teflon membranes to further assess the performance of an ATR/FTIR sensor. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 377, 195-202.	3.7	14
53	Measurement of the Rates of Diffusion of Halomethanes into Polymer Films Using ATR-FTIR Spectroscopy. <i>International Journal of Environmental Analytical Chemistry</i> , 2003, 83, 643-652.	3.3	5
54	Determination of Chlorinated Hydrocarbon Species in Aqueous Solution Using Teflon Coated ATR Waveguide/FTIR Spectroscopy. <i>International Journal of Environmental Analytical Chemistry</i> , 2003, 83, 653-662.	3.3	26