William E Price

List of Publications by Year in Descending Order

189 papers	9,116 citations	59 h-index	85 g-index
193 ext. papers	10,147 ext. citations	7.2 avg, IF	6.42 L-index

#	Paper	IF	Citations
189	Impact of molar absorbance on anthocyanin content of the foods.. *Food Chemistry*, **2022**, 386, 132855	8.5	0
188	Relative comparisons of extraction methods and solvent composition for Australian blueberry anthocyanins. *Journal of Food Composition and Analysis*, **2021**, 104232	4.1	1
187	Reduction of excess sludge production by membrane bioreactor coupled with anoxic side-stream reactors. *Journal of Environmental Management*, **2021**, 281, 111919	7.9	7
186	Proof of concept: Integrated membrane distillation-forward osmosis approaches water production in a low-temperature CO2 capture. *Environmental Technology and Innovation*, **2021**, 22, 101508	7	0
185	A critical review of advanced oxidation processes for emerging trace organic contaminant degradation: Mechanisms, factors, degradation products, and effluent toxicity. *Journal of Water Process Engineering*, **2021**, 40, 101778	6.7	22
184	Combining enzymatic membrane bioreactor and ultraviolet photolysis for enhanced removal of trace organic contaminants: Degradation efficiency and by-products formation. *Chemical Engineering Research and Design*, **2021**, 145, 110-119	5.5	13
183	Acid mine drainage and sewage impacted groundwater treatment by membrane distillation: Organic micropollutant and metal removal and membrane fouling. *Journal of Environmental Management*, **2021**, 291, 112708	7.9	5
182	Removal of Pharmaceuticals from Wastewater by Membrane Bioreactors: Factors, Mechanisms, and Perspectives. *Handbook of Environmental Chemistry*, **2020**, 223-238	0.8	1
181	A critical review on advanced oxidation processes for the removal of trace organic contaminants: A voyage from individual to integrated processes. *Chemosphere*, **2020**, 260, 127460	8.4	40
180	Removal of trace organic contaminants by enzymatic membrane bioreactors: Role of membrane retention and biodegradation. *Journal of Membrane Science*, **2020**, 611, 118345	9.6	18
179	Elucidating the performance of an integrated laccase- and persulfate-assisted process for degradation of trace organic contaminants (TrOCs). *Environmental Science: Water Research and Technology*, **2020**, 6, 1069-1082	4.2	7
178	Simultaneous cooling and provision of make-up water by forward osmosis for post-combustion CO2 capture. *Desalination*, **2020**, 476, 114215	10.3	4
177	Validated liquid chromatography separation methods for identification and quantification of anthocyanins in fruit and vegetables: A systematic review. *Food Research International*, **2020**, 138, 109754	7	11
176	Impact of Inorganic Ions and Organic Matter on the Removal of Trace Organic Contaminants by Combined Direct Contact Membrane Distillation-UV Photolysis. *Membranes*, **2020**, 10,	3.8	2
175	Persulfate oxidation-assisted membrane distillation process for micropollutant degradation and membrane fouling control. *Separation and Purification Technology*, **2019**, 222, 321-331	8.3	17
174	Degradation of diclofenac, trimethoprim, carbamazepine, and sulfamethoxazole by laccase from Trametes versicolor: Transformation products and toxicity of treated effluent. *Biocatalysis and Biotransformation*, **2019**, 37, 399-408	2.5	34
173	Applications of Membrane Bioreactors in Biotechnology Processes **2019**, 223-257		4

172	Effects of fouling on separation performance by forward osmosis: the role of specific organic foulants. *Environmental Science and Pollution Research*, **2019**, 26, 33758-33769	5.1	6
171	Seawater-driven forward osmosis for pre-concentrating nutrients in digested sludge centrate. *Journal of Environmental Management*, **2019**, 247, 135-139	7.9	15
170	New insights into the relationship between draw solution chemistry and trace organic rejection by forward osmosis. *Journal of Membrane Science*, **2019**, 587, 117184	9.6	23
169	Understanding the mechanisms of trace organic contaminant removal by high retention membrane bioreactors: a critical review. *Environmental Science and Pollution Research*, **2019**, 26, 34085-34100	5.1	22
168	Impact of inorganic salts on degradation of bisphenol A and diclofenac by crude extracellular enzyme from Pleurotus ostreatus. *Biocatalysis and Biotransformation*, **2019**, 37, 10-17	2.5	8
167	Impact of Pharmaceutically Active Compounds in Marine Environment on Aquaculture **2018**, 265-299		6
166	An anaerobic membrane bioreactor - membrane distillation hybrid system for energy recovery and water reuse: Removal performance of organic carbon, nutrients, and trace organic contaminants. *Science of the Total Environment*, **2018**, 628-629, 358-365	10.2	61
165	Physical cleaning techniques to control fouling during the pre-concentration of high suspended-solid content solutions for resource recovery by forward osmosis. *Desalination*, **2018**, 429, 134-141	10.3	23
164	Assessing the integration of forward osmosis and anaerobic digestion for simultaneous wastewater treatment and resource recovery. *Bioresource Technology*, **2018**, 260, 221-226	11	25
163	Effect of hydraulic retention time on the performance of a hybrid moving bed biofilm reactor-membrane bioreactor system for micropollutants removal from municipal wastewater. *Bioresource Technology*, **2018**, 247, 1228-1232	11	49
162	Biocatalytic degradation of pharmaceuticals, personal care products, industrial chemicals, steroid hormones and pesticides in a membrane distillation-enzymatic bioreactor. *Bioresource Technology*, **2018**, 247, 528-536	11	59
161	Impact of simultaneous retention of micropollutants and laccase on micropollutant degradation in enzymatic membrane bioreactor. *Bioresource Technology*, **2018**, 267, 473-480	11	25
160	Resource recovery from wastewater by anaerobic membrane bioreactors: Opportunities and challenges. *Bioresource Technology*, **2018**, 270, 669-677	11	98
159	Forward osmosis as a platform for resource recovery from municipal wastewater - A critical assessment of the literature. *Journal of Membrane Science*, **2017**, 529, 195-206	9.6	134
158	Degradation of Pharmaceuticals and Personal Care Products by White-Rot Fungi□ Critical Review. *Current Pollution Reports*, **2017**, 3, 88-103	7.6	83
157	Fate of trace organic contaminants in oxic-settling-anoxic (OSA) process applied for biosolids reduction during wastewater treatment. *Bioresource Technology*, **2017**, 240, 181-191	11	15
156	The fate of trace organic contaminants in sewage sludge during recuperative thickening anaerobic digestion. *Bioresource Technology*, **2017**, 240, 197-206	11	16
155	Effects of thermal pre-treatment and recuperative thickening on the fate of trace organic contaminants during anaerobic digestion of sewage sludge. *International Biodeterioration and Biodegradation*, **2017**, 124, 146-154	4.8	24

154	Degradation and Fate of Pharmaceutically Active Contaminants by Advanced Oxidation Processes. *Current Pollution Reports*, **2017**, 3, 268-280	7.6	19
153	Photolysis and UV/H 2 O 2 of diclofenac, sulfamethoxazole, carbamazepine, and trimethoprim: Identification of their major degradation products by ESI□CM S and assessment of the toxicity of reaction mixtures. *Chemical Engineering Research and Design*, **2017**, 112, 222-234	5.5	66
152	The role of microbial diversity and composition in minimizing sludge production in the oxic-settling-anoxic process. *Science of the Total Environment*, **2017**, 607-608, 558-567	10.2	23
151	An Osmotic Membrane Bioreactor-Membrane Distillation System for Simultaneous Wastewater Reuse and Seawater Desalination: Performance and Implications. *Environmental Science & Technology*, **2017**, 51, 14311-14320	10.3	47
150	Continuous transformation of chiral pharmaceuticals in enzymatic membrane bioreactors for advanced wastewater treatment. *Water Science and Technology*, **2017**, 76, 1816-1826	2.2	15
149	Integration of an enzymatic bioreactor with membrane distillation for enhanced biodegradation of trace organic contaminants. *International Biodeterioration and Biodegradation*, **2017**, 124, 73-81	4.8	22
148	Impact of wastewater derived dissolved interfering compounds on growth, enzymatic activity and trace organic contaminant removal of white rot fungi - A critical review. *Journal of Environmental Management*, **2017**, 201, 89-109	7.9	37
147	Holistic sludge management through ozonation: A critical review. *Journal of Environmental Management*, **2017**, 185, 79-95	7.9	26
146	Osmotic versus conventional membrane bioreactors integrated with reverse osmosis for water reuse: Biological stability, membrane fouling, and contaminant removal. *Water Research*, **2017**, 109, 122-134	12.5	128
145	Degradation of Trace Organic Contaminants by a Membrane Distillation□Enzymatic Bioreactor. *Applied Sciences (Switzerland)*, **2017**, 7, 879	2.6	16
144	A Drying-Free, Water-Based Process for Fabricating Mixed-Matrix Membranes with Outstanding Pervaporation Performance. *Angewandte Chemie - International Edition*, **2016**, 55, 12793-6	16.4	99
143	Effects of salinity build-up on the performance of an anaerobic membrane bioreactor regarding basic water quality parameters and removal of trace organic contaminants. *Bioresource Technology*, **2016**, 216, 399-405	11	59
142	Biological performance and trace organic contaminant removal by a side-stream ceramic nanofiltration membrane bioreactor. *International Biodeterioration and Biodegradation*, **2016**, 113, 49-56	4.8	15
141	Factors governing the pre-concentration of wastewater using forward osmosis for subsequent resource recovery. *Science of the Total Environment*, **2016**, 566-567, 559-566	10.2	43
140	Impacts of redox-mediator type on trace organic contaminants degradation by laccase: Degradation efficiency, laccase stability and effluent toxicity. *International Biodeterioration and Biodegradation*, **2016**, 113, 169-176	4.8	69
139	Continuous adsorption and biotransformation of micropollutants by granular activated carbon-bound laccase in a packed-bed enzyme reactor. *Bioresource Technology*, **2016**, 210, 108-16	11	94
138	Biosolids reduction by the oxic-settling-anoxic process: Impact of sludge interchange rate. *Bioresource Technology*, **2016**, 210, 167-73	11	30
137	Biodegradation of cellulose triacetate and polyamide forward osmosis membranes in an activated sludge bioreactor: Observations and implications. *Journal of Membrane Science*, **2016**, 510, 284-292	9.6	38

136	Bacterial community dynamics in an anoxic-aerobic membrane bioreactor Impact on nutrient and trace organic contaminant removal. *International Biodeterioration and Biodegradation*, **2016**, 109, 61-72	4.8	50
135	Phosphorus recovery from digested sludge centrate using seawater-driven forward osmosis. *Separation and Purification Technology*, **2016**, 163, 1-7	8.3	71
134	Occurrence of trace organic contaminants in wastewater sludge and their removals by anaerobic digestion. *Bioresource Technology*, **2016**, 210, 153-9	11	74
133	Effects of salinity build-up on the performance and bacterial community structure of a membrane bioreactor. *Bioresource Technology*, **2016**, 200, 305-10	11	65
132	Phosphorus and water recovery by a novel osmotic membrane bioreactor-reverse osmosis system. *Bioresource Technology*, **2016**, 200, 297-304	11	89
131	Laccase-syringaldehyde-mediated degradation of trace organic contaminants in an enzymatic membrane reactor: Removal efficiency and effluent toxicity. *Bioresource Technology*, **2016**, 200, 477-84	11	59
130	Removal of Trace Organic Contaminants by Integrated Membrane Processes for Water Reuse Applications **2016**, 533-578		4
129	Evaluating ionic organic draw solutes in osmotic membrane bioreactors for water reuse. *Journal of Membrane Science*, **2016**, 514, 636-645	9.6	53
128	Ozonation of carbamazepine, diclofenac, sulfamethoxazole and trimethoprim and formation of major oxidation products. *Desalination and Water Treatment*, **2016**, 57, 29340-29351		42
127	Identification and characterization of phenolic compounds in hydromethanolic extracts of sorghum wholegrains by LC-ESI-MS(n). *Food Chemistry*, **2016**, 211, 215-26	8.5	102
126	Effects of sludge retention time on oxic-settling-anoxic process performance: Biosolids reduction and dewatering properties. *Bioresource Technology*, **2016**, 218, 1187-94	11	23
125	Anaerobic co-digestion: A critical review of mathematical modelling for performance optimization. *Bioresource Technology*, **2016**, 222, 498-512	11	129
124	Evaluation of micropollutant removal and fouling reduction in a hybrid moving bed biofilm reactor-membrane bioreactor system. *Bioresource Technology*, **2015**, 191, 355-9	11	77
123	Impact of hazardous events on the removal of nutrients and trace organic contaminants by an anoxic-aerobic membrane bioreactor receiving real wastewater. *Bioresource Technology*, **2015**, 192, 192-201	11	16
122	Trace organic contaminants in biosolids: Impact of conventional wastewater and sludge processing technologies and emerging alternatives. *Journal of Hazardous Materials*, **2015**, 300, 1-17	12.8	93
121	Nutrient and trace organic contaminant removal from wastewater of a resort town: Comparison between a pilot and a full scale membrane bioreactor. *International Biodeterioration and Biodegradation*, **2015**, 102, 40-48	4.8	45
120	Water extraction from mixed liquor of an aerobic bioreactor by forward osmosis: Membrane fouling and biomass characteristics assessment. *Separation and Purification Technology*, **2015**, 145, 56-62	8.3	57
119	Development of a predictive framework to assess the removal of trace organic chemicals by anaerobic membrane bioreactor. *Bioresource Technology*, **2015**, 189, 391-398	11	85

118	Probing the internal structure of reverse osmosis membranes by positron annihilation spectroscopy: Gaining more insight into the transport of water and small solutes. *Journal of Membrane Science*, **2015**, 486, 106-118	9.6	89
117	Rejection and adsorption behaviour of phytoestrogens by nanofiltration and reverse osmosis membranes. *Desalination and Water Treatment*, **2015**, 54, 890-899		
116	Osmotic dilution for sustainable greenwall irrigation by liquid fertilizer: Performance and implications. *Journal of Membrane Science*, **2015**, 494, 32-38	9.6	39
115	Effects of salinity build-up on biomass characteristics and trace organic chemical removal: implications on the development of high retention membrane bioreactors. *Bioresource Technology*, **2015**, 177, 274-81	11	58
114	Effects of iron salt addition on biosolids reduction by oxic-settling-anoxic (OSA) process. *International Biodeterioration and Biodegradation*, **2015**, 104, 391-400	4.8	19
113	Effect of heat treatment on fouling resistance and the rejection of small and neutral solutes by reverse osmosis membranes. *Water Science and Technology: Water Supply*, **2015**, 15, 510-516	1.4	14
112	Removal of Emerging Trace Organic Chemicals by Forward Osmosis **2015**, 363-394		
111	Selection of forward osmosis draw solutes for subsequent integration with anaerobic treatment to facilitate resource recovery from wastewater. *Bioresource Technology*, **2015**, 191, 30-6	11	65
110	The role of forward osmosis and microfiltration in an integrated osmotic-microfiltration membrane bioreactor system. *Chemosphere*, **2015**, 136, 125-32	8.4	54
109	Degradation of a broad spectrum of trace organic contaminants by an enzymatic membrane reactor: Complementary role of membrane retention and enzymatic degradation. *International Biodeterioration and Biodegradation*, **2015**, 99, 115-122	4.8	50
108	Removal and fate of micropollutants in a sponge-based moving bed bioreactor. *Bioresource Technology*, **2014**, 159, 311-9	11	66
107	A novel membrane distillation-thermophilic bioreactor system: biological stability and trace organic compound removal. *Bioresource Technology*, **2014**, 159, 334-41	11	61
106	Rejection and fate of trace organic compounds (TrOCs) during membrane distillation. *Journal of Membrane Science*, **2014**, 453, 636-642	9.6	87
105	Factors governing the rejection of trace organic contaminants by nanofiltration and reverse osmosis membranes. *Desalination and Water Treatment*, **2014**, 52, 589-599		18
104	Toward Resource Recovery from Wastewater: Extraction of Phosphorus from Digested Sludge Using a Hybrid Forward Osmosis–Membrane Distillation Process. *Environmental Science and Technology Letters*, **2014**, 1, 191-195	11	196
103	High retention membrane bioreactors: challenges and opportunities. *Bioresource Technology*, **2014**, 167, 539-46	11	85
102	Sodium hydroxide production from sodium carbonate and bicarbonate solutions using membrane electrolysis: A feasibility study. *Separation and Purification Technology*, **2014**, 127, 70-76	8.3	28
101	Continuous biotransformation of bisphenol A and diclofenac by laccase in an enzymatic membrane reactor. *International Biodeterioration and Biodegradation*, **2014**, 95, 25-32	4.8	71

100	Impact of organic and colloidal fouling on trace organic contaminant rejection by forward osmosis: Role of initial permeate flux. *Desalination*, **2014**, 336, 146-152	10.3	58
99	Relating rejection of trace organic contaminants to membrane properties in forward osmosis: measurements, modelling and implications. *Water Research*, **2014**, 49, 265-74	12.5	103
98	Sludge cycling between aerobic, anoxic and anaerobic regimes to reduce sludge production during wastewater treatment: performance, mechanisms, and implications. *Bioresource Technology*, **2014**, 155, 395-409	11	111
97	Enhancement of trace organic contaminant degradation by crude enzyme extract from Trametes versicolor culture: Effect of mediator type and concentration. *Journal of the Taiwan Institute of Chemical Engineers*, **2014**, 45, 1855-1862	5.3	37
96	The effects of mediator and granular activated carbon addition on degradation of trace organic contaminants by an enzymatic membrane reactor. *Bioresource Technology*, **2014**, 167, 169-77	11	54
95	Effects of mixing and covering with mature compost on gaseous emissions during composting. *Chemosphere*, **2014**, 117, 14-9	8.4	97
94	Trace Organic Contaminants Removal by Combined Processes for Wastewater Reuse. *Handbook of Environmental Chemistry*, **2014**, 39-77	0.8	8
93	The effects of feed solution temperature on pore size and trace organic contaminant rejection by the nanofiltration membrane NF270. *Separation and Purification Technology*, **2014**, 125, 43-51	8.3	46
92	Removal of pharmaceuticals, steroid hormones, phytoestrogens, UV-filters, industrial chemicals and pesticides by Trametes versicolor: Role of biosorption and biodegradation. *International Biodeterioration and Biodegradation*, **2014**, 88, 169-175	4.8	119
91	Simultaneous nitrification/denitrification and trace organic contaminant (TrOC) removal by an anoxic-aerobic membrane bioreactor (MBR). *Bioresource Technology*, **2014**, 165, 96-104	11	78
90	Enhancement of removal of trace organic contaminants by powdered activated carbon dosing into membrane bioreactors. *Journal of the Taiwan Institute of Chemical Engineers*, **2014**, 45, 571-578	5.3	34
89	Degradation of azo dye acid orange 7 in a membrane bioreactor by pellets and attached growth of Coriolus versicolour. *Bioresource Technology*, **2013**, 141, 29-34	11	49
88	Removal of emerging trace organic contaminants by MBR-based hybrid treatment processes. *International Biodeterioration and Biodegradation*, **2013**, 85, 474-482	4.8	90
87	Impact of chemical cleaning on the nanofiltration of pharmaceutically active compounds (PhACs): The role of cleaning temperature. *Journal of the Taiwan Institute of Chemical Engineers*, **2013**, 44, 713-723	5.3	17
86	The fate of pharmaceuticals, steroid hormones, phytoestrogens, UV-filters and pesticides during MBR treatment. *Bioresource Technology*, **2013**, 144, 247-54	11	137
85	Changes in surface properties and separation efficiency of a nanofiltration membrane after repeated fouling and chemical cleaning cycles. *Separation and Purification Technology*, **2013**, 113, 42-50	8.3	46
84	Coupling granular activated carbon adsorption with membrane bioreactor treatment for trace organic contaminant removal: breakthrough behaviour of persistent and hydrophilic compounds. *Journal of Environmental Management*, **2013**, 119, 173-81	7.9	65
83	Effects of feed and draw solution temperature and transmembrane temperature difference on the rejection of trace organic contaminants by forward osmosis. *Journal of Membrane Science*, **2013**, 438, 57-64	9.6	127

82	Comparison between sequential and simultaneous application of activated carbon with membrane bioreactor for trace organic contaminant removal. *Bioresource Technology*, **2013**, 130, 412-7	11	39
81	Removal of trace organic contaminants by an MBR comprising a mixed culture of bacteria and white-rot fungi. *Bioresource Technology*, **2013**, 148, 234-41	11	97
80	A forward osmosis-membrane distillation hybrid process for direct sewer mining: system performance and limitations. *Environmental Science & Technology*, **2013**, 47, 13486-93	10.3	202
79	Removal of trace organic contaminants by nitrifying activated sludge and whole-cell and crude enzyme extract of Trametes versicolor. *Water Science and Technology*, **2013**, 67, 1216-23	2.2	38
78	Effects of caustic cleaning on pore size of nanofiltration membranes and their rejection of trace organic chemicals. *Journal of Membrane Science*, **2013**, 447, 153-162	9.6	67
77	Understanding the factors controlling the removal of trace organic contaminants by white-rot fungi and their lignin modifying enzymes: a critical review. *Bioresource Technology*, **2013**, 141, 97-108	11	203
76	Influence of formulated chemical cleaning reagents on the surface properties and separation efficiency of nanofiltrationmembranes. *Journal of Membrane Science*, **2013**, 432, 73-82	9.6	68
75	Removal of N-nitrosamines by an aerobic membrane bioreactor. *Bioresource Technology*, **2013**, 141, 41-5	11	28
74	Removal of bisphenol A and diclofenac by a novel fungal membrane bioreactor operated under non-sterile conditions. *International Biodeterioration and Biodegradation*, **2013**, 85, 483-490	4.8	99
73	Impact of humic acid fouling on membrane performance and transport of pharmaceutically active compounds in forward osmosis. *Water Research*, **2013**, 47, 4567-75	12.5	91
72	Removal of trace organic contaminants by the forward osmosis process. *Separation and Purification Technology*, **2013**, 103, 258-266	8.3	128
71	Removal of trace organic contaminants by a membrane bioreactor-granular activated carbon (MBR-GAC) system. *Bioresource Technology*, **2012**, 113, 169-73	11	118
70	Performance of a novel osmotic membrane bioreactor (OMBR) system: flux stability and removal of trace organics. *Bioresource Technology*, **2012**, 113, 201-6	11	154
69	Effects of chemical cleaning on the nanofiltration of pharmaceutically active compounds (PhACs). *Separation and Purification Technology*, **2012**, 88, 208-215	8.3	34
68	Rejection of pharmaceutically active compounds by forward osmosis: Role of solution pH and membrane orientation. *Separation and Purification Technology*, **2012**, 93, 107-114	8.3	118
67	Comparison of the removal of hydrophobic trace organic contaminants by forward osmosis and reverse osmosis. *Water Research*, **2012**, 46, 2683-92	12.5	234
66	The chaperone action of bovine milk αS1- and αS2-caseins and their associated form αS-casein. *Archives of Biochemistry and Biophysics*, **2011**, 510, 42-52	4.1	46
65	Removal of micropollutants by membrane bioreactor under temperature variation. *Journal of Membrane Science*, **2011**, 383, 144-151	9.6	126

64	Removal of carbamazepine and sulfamethoxazole by MBR under anoxic and aerobic conditions. *Bioresource Technology*, **2011**, 102, 10386-90	11	98
63	Combining MBR and NF/RO membrane filtration for the removal of trace organics in indirect potable water reuse applications. *Journal of Membrane Science*, **2010**, 365, 206-215	9.6	188
62	Effects of fouling and scaling on the retention of trace organic contaminants by a nanofiltration membrane: The role of cake-enhanced concentration polarisation. *Separation and Purification Technology*, **2010**, 73, 256-263	8.3	65
61	Dietary combination of soy with a probiotic or prebiotic food significantly reduces total and LDL cholesterol in mildly hypercholesterolaemic subjects. *European Journal of Clinical Nutrition*, **2009**, 63, 238-45	5.2	52
60	Ion exchange behaviour and charge compensation mechanism of polypyrrole in electrolytes containing mono-, di- and trivalent metal ions. *Synthetic Metals*, **2009**, 159, 2590-2598	3.6	27
59	Occurrence of phytoestrogens in municipal wastewater and surface waters. *Journal of Environmental Monitoring*, **2009**, 11, 1477-83		18
58	On the electrodeposition of titanium in ionic liquids. *Physical Chemistry Chemical Physics*, **2008**, 10, 2189-96	3.6	76
57	Electrochemical co-deposition of Ti n+ phases with gold in ionic liquids. *Physical Chemistry Chemical Physics*, **2008**, 10, 5863-9	3.6	8
56	The key importance of soy isoflavone bioavailability to understanding health benefits. *Critical Reviews in Food Science and Nutrition*, **2008**, 48, 538-52	11.5	108
55	Induction of titanium reduction using pyrrole and polypyrrole in the ionic liquid ethyl-methyl-imidazolium bis(trifluoromethanesulphonyl)amide. *Electrochemistry Communications*, **2008**, 10, 217-221	5.1	12
54	Tissue distribution of lignans in rats in response to diet, dose-response, and competition with isoflavones. *Journal of Agricultural and Food Chemistry*, **2007**, 55, 4907-12	5.7	17
53	The effect of dextran on subunit exchange of the molecular chaperone alphaA-crystallin. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2007**, 1774, 102-11	4	21
52	A fragmentation study of isoflavones in negative electrospray ionization by MSn ion trap mass spectrometry and triple quadrupole mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2007**, 21, 857-68	2.2	68
51	Using calibration approaches to compensate for remaining matrix effects in quantitative liquid chromatography/electrospray ionization multistage mass spectrometric analysis of phytoestrogens in aqueous environmental samples. *Rapid Communications in Mass Spectrometry*, **2007**, 21, 4065-72	2.2	45
50	Increased probiotic yogurt or resistant starch intake does not affect isoflavone bioavailability in subjects consuming a high soy diet. *Nutrition*, **2007**, 23, 709-18	4.8	30
49	Air-drying of banana: Influence of experimental parameters, slab thickness, banana maturity and harvesting season. *Journal of Food Engineering*, **2007**, 79, 200-207	6	109
48	Simultaneous determination of isoflavones and lignans at trace levels in natural waters and wastewater samples using liquid chromatography/electrospray ionization ion trap mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2006**, 20, 2411-8	2.2	27
47	Fractionation of sedimentary arsenic from Port Kembla Harbour, NSW, Australia. *Journal of Environmental Monitoring*, **2005**, 7, 621-30		5

46	Casein proteins as molecular chaperones. *Journal of Agricultural and Food Chemistry*, **2005**, 53, 2670-83	5.7	119
45	Gold recovery using inherently conducting polymer coated textiles. *Fibers and Polymers*, **2004**, 5, 1-5	2	17
44	Electroless recovery of gold chloride using inherently conducting polymers. *Polymer International*, **2004**, 53, 681-687	3.3	19
43	Quartz crystal microbalance studies of the effect of solution temperature on the ion-exchange properties of polypyrrole conducting electroactive polymers. *Reactive and Functional Polymers*, **2003**, 56, 141-146	4.6	52
42	Recovery of gold cyanide using inherently conducting polymers. *Polymer International*, **2003**, 52, 51-55	3.3	13
41	Gold recovery using fabrics coated with conducting polymers. *Synthetic Metals*, **2003**, 135-136, 35-36	3.6	6
40	Electrochemical behaviour of polypyrrole/sulfated poly(Ehydroxyether) composites. *Synthetic Metals*, **2002**, 129, 67-71	3.6	2
39	Polypyrrole membranes containing chelating ligands: synthesis, characterisation and transport studies. *Polymer*, **2001**, 42, 8571-8579	3.9	48
38	Synthesis, characterisation and ion transport studies on polypyrrole/deoxyribonucleic acid conducting polymer membranes. *Synthetic Metals*, **2001**, 123, 279-286	3.6	30
37	Metal separation using polypyrroles containing chelating agents. *Synthetic Metals*, **2001**, 119, 373-374	3.6	5
36	Transport of gold across composite poly(bithiophene) membranes. *Synthetic Metals*, **2001**, 119, 357-358	3.6	4
35	Current Chemistry: Separation and Recovery of Gold and Other Metals Using Conducting Polymers. *Australian Journal of Chemistry*, **2001**, 54, 615	1.2	11
34	Synthesis and properties of a mechanically strong poly(bithiophene) composite polymer containing a polyelectrolyte dopant. *Synthetic Metals*, **2000**, 110, 123-132	3.6	22
33	Role of the waxy skin layer in moisture loss during dehydration of prunes. *Journal of Agricultural and Food Chemistry*, **2000**, 48, 4193-8	5.7	21
32	Volatile changes during dehydration of dSAgen prunes. *Journal of Agricultural and Food Chemistry*, **2000**, 48, 1838-42	5.7	30
31	A diffusion model for prune dehydration. *Journal of Food Engineering*, **1999**, 42, 167-172	6	70
30	Development of membrane systems based on conducting polymers. *Synthetic Metals*, **1999**, 102, 1338-1341	3.6	51
29	Synthesis, characterisation and transport properties of layered conducting electroactive polypyrrole membranes. *Journal of Membrane Science*, **1998**, 148, 161-172	9.6	35

28	p, T dependence of self-diffusion in 2-fluoroethanol, 2,2 difluoroethanol and 2,2,2-trifluoroethanol. *Journal of Molecular Liquids*, **1998**, 75, 159-168	6	11
27	The effect of different electrical stimuli on the oxidation/reduction behaviour of polypyrrole-pts A Study Using the Electrochemical Quartz Crystal Microbalance. *Synthetic Metals*, **1997**, 84, 823-824	3.6	10
26	Studies of electropolymerisation of sodium 2-(3-thienyl)ethyl sulfonate. *Reactive and Functional Polymers*, **1997**, 34, 27-36	4.6	1
25	Kinetics of carbohydrate change during dehydration of dSAgen prunes. *Food Chemistry*, **1997**, 59, 149-155	8.5	25
24	Modelling the kinetics of drying of dSAgen plums (Prunus domestica). *Food Chemistry*, **1997**, 60, 371-382	8.5	31
23	The p,T-dependence of self-diffusion in fluid ammonia. *Journal of Molecular Liquids*, **1997**, 73-74, 433-444	6	21
22	Use of Experimental Diffusion Coefficients To Probe SoluteSolute and SoluteSolvent Interactions in Electrolyte Solutions. *The Journal of Physical Chemistry*, **1996**, 100, 1406-1410		10
21	Effect of thermal treatment on the electroactivity of polyaniline. *Polymer*, **1996**, 37, 917-923	3.9	37
20	Factors influencing the drying of prunes 1. Effects of temperature upon the kinetics of moisture loss during drying. *Food Chemistry*, **1996**, 57, 241-244	8.5	18
19	Parameters influencing transport across conducting electroactive polymer membranes. *Journal of Membrane Science*, **1996**, 119, 199-212	9.6	43
18	Aqueous extraction of solubles from oranges: a kinetic study. *Food Chemistry*, **1996**, 57, 483-486	8.5	2
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