

Jaya Kandasamy

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.

186 papers	5,186 citations	40 h-index	66 g-index
190 ext. papers	5,926 ext. citations	6.1 avg, IF	5.9 L-index

#	Paper	IF	Citations
186	Ozonation/adsorption hybrid treatment system for improved removal of natural organic matter and organic micropollutants from water - A mini review and future perspectives.. <i>Chemosphere</i> , 2022 , 133961	8.4	2
185	Enhanced nanofiltration rejection of inorganic and organic compounds from a wastewater-reclamation plant micro-filtered water using adsorption pre-treatment. <i>Separation and Purification Technology</i> , 2021 , 260, 118207	8.3	9
184	Comparing nanofiltration membranes effectiveness for inorganic and organic compounds removal from a wastewater-reclamation plant micro-filtered water. <i>Materials Today: Proceedings</i> , 2021 , 47, 1389-1393	1.4	1
183	Enhanced Removal of Nutrients, Heavy Metals, and PAH from Synthetic Stormwater by Incorporating Different Adsorbents into a Filter Media. <i>Water, Air, and Soil Pollution</i> , 2021 , 232, 1	2.6	2
182	Recovery of rare earth elements (Lu, Y) by adsorption using functionalized SBA-15 and MIL-101 (Cr). <i>Chemosphere</i> , 2021 , 281, 130869	8.4	6
181	Sustainability of agricultural basin development under uncertain future climate and economic conditions: A socio-hydrological analysis. <i>Ecological Economics</i> , 2020 , 174, 106665	5.6	4
180	Removal of organic matter from wastewater reverse osmosis concentrate using granular activated carbon and anion exchange resin adsorbent columns in sequence. <i>Chemosphere</i> , 2020 , 261, 127549	8.4	11
179	Prospects of interventions to alleviate rural-urban migration in Jiangsu Province, China based on sensitivity and scenario analysis. <i>Hydrological Sciences Journal</i> , 2020 , 65, 2175-2184	3.5	2
178	Quantitative Assessment of the Environmental Impacts of Dredging and Dumping Activities at Sea. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 1703	2.6	3
177	Interrelationship among the pollutants in stormwater in an urban catchment and first flush identification using UV spectroscopy. <i>Chemosphere</i> , 2019 , 233, 245-251	8.4	12
176	A comparative study on nitric oxide and hypochlorite as a membrane cleaning agent to minimise biofilm growth in a membrane bioreactor (MBR) process. <i>Biochemical Engineering Journal</i> , 2019 , 148, 9-15	4.2	7
175	Removal of dissolved organic matter fractions from reverse osmosis concentrate: Comparing granular activated carbon and ion exchange resin adsorbents. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103126	6.8	12
174	Integration of SWAT and QUAL2K for water quality modeling in a data scarce basin of Cau River basin in Vietnam. <i>Ecohydrology and Hydrobiology</i> , 2019 , 19, 210-223	2.8	20
173	Assessing the Impact of Inundation Preventing Construction on River Morphology of Can Giuoc River in Long An Province. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 272, 022221	0.3	
172	Rural unemployment pushes migrants to urban areas in Jiangsu Province, China. <i>Palgrave Communications</i> , 2019 , 5,	5.3	29
171	Simultaneous removal of natural organic matter and micro-organic pollutants from reverse osmosis concentrate using granular activated carbon. <i>Water Research</i> , 2019 , 155, 106-114	12.5	36
170	Photocatalytic degradation of organic pollutants from wastewater using aluminium doped titanium dioxide. <i>Journal of Water Process Engineering</i> , 2019 , 27, 177-184	6.7	23

169	Application of 1D2D coupled modeling in water quality assessment: A case study in Ca Mau Peninsula, Vietnam. <i>Physics and Chemistry of the Earth</i> , 2019 , 113, 83-99	3	3
168	Removing polycyclic aromatic hydrocarbons from water using granular activated carbon: kinetic and equilibrium adsorption studies. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 13511-13524	5.1	39
167	Submerged membrane adsorption hybrid system using four adsorbents to remove nitrate from water. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 20328-20335	5.1	18
166	Adsorptive removal of five heavy metals from water using blast furnace slag and fly ash. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 20430-20438	5.1	70
165	Removing rubidium using potassium cobalt hexacyanoferrate in the membrane adsorption hybrid system. <i>Separation and Purification Technology</i> , 2018 , 191, 286-294	8.3	20
164	Decentralised water reuse in Sydney, Australia: drivers for implementation and energy consumption. <i>Journal of Environmental Engineering and Science</i> , 2018 , 13, 2-7	0.8	2
163	Mathematical Modelling of Nitrate Removal from Water Using a Submerged Membrane Adsorption Hybrid System with Four Adsorbents. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 194	2.6	7
162	Struvite production using membrane-bioreactor wastewater effluent and seawater. <i>Desalination</i> , 2018 , 444, 1-5	10.3	9
161	Robustness of Extreme Learning Machine in the prediction of hydrological flow series. <i>Computers and Geosciences</i> , 2018 , 120, 105-114	4.5	13
160	Norms and values in sociohydrological models. <i>Hydrology and Earth System Sciences</i> , 2018 , 22, 1337-1349	5.5	37
159	Allocating Environmental Water and Impact on Basin Unemployment: Role of A Diversified Economy. <i>Ecological Economics</i> , 2017 , 136, 178-188	5.6	36
158	Readily Wash-Off Road Dust and Associated Heavy Metals on Motorways. <i>Water, Air, and Soil Pollution</i> , 2017 , 228, 1	2.6	46
157	Role of Sectoral Transformation in the Evolution of Water Management Norms in Agricultural Catchments: A Sociohydrologic Modeling Analysis. <i>Water Resources Research</i> , 2017 , 53, 8344-8365	5.4	26
156	Removal of strontium from aqueous solutions and synthetic seawater using resorcinol formaldehyde polycondensate resin. <i>Desalination</i> , 2017 , 420, 283-291	10.3	33
155	Enhanced removal of nitrate in an integrated electrochemical-adsorption system. <i>Separation and Purification Technology</i> , 2017 , 189, 260-266	8.3	34
154	Rubidium extraction from seawater brine by an integrated membrane distillation-selective sorption system. <i>Water Research</i> , 2017 , 123, 321-331	12.5	42
153	Quantifying the Reduction in Water Demand due to Rainwater Tank Installations at Residential Properties in Sydney. <i>Journal of Sustainable Development of Energy, Water and Environment Systems</i> , 2017 , 5, 202-218	1.9	2
152	Fenton Oxidation of Methylsulfonyl-Methyl with Application to Permeable Reactive Barriers. <i>Environmental Modeling and Assessment</i> , 2016 , 21, 149-158	2	2

151	Developing a strategic flood risk management framework for Bangkok, Thailand. <i>Natural Hazards</i> , 2016 , 84, 933-957	3	11
150	Rubidium recovery using potassium cobalt hexacyanoferrate sorbent. <i>Desalination and Water Treatment</i> , 2016 , 57, 26577-26585		6
149	Removing nitrate from water using iron-modified Dowex 21K XLT ion exchange resin: Batch and fluidised-bed adsorption studies. <i>Separation and Purification Technology</i> , 2016 , 158, 62-70	8.3	67
148	Removal of natural organic matter at the Gunbower water treatment plant in northern Victoria, Australia. <i>Desalination and Water Treatment</i> , 2016 , 57, 9061-9069		2
147	Column studies on the removal of dissolved organic carbon, turbidity and heavy metals from stormwater using granular activated carbon. <i>Desalination and Water Treatment</i> , 2016 , 57, 5045-5055		18
146	Selective sorption of rubidium by potassium cobalt hexacyanoferrate. <i>Separation and Purification Technology</i> , 2016 , 163, 238-246	8.3	52
145	Phosphate Adsorption from Membrane Bioreactor Effluent Using Dowex 21K XLT and Recovery as Struvite and Hydroxyapatite. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	7
144	Prediction of inflows from dam catchment using genetic programming. <i>International Journal of Hydrology Science and Technology</i> , 2016 , 6, 103	1.5	3
143	Rainwater Harvesting in New South Wales, Australia 2016 , 35-74		1
142	Stormwater Treatment Technology for Water Reuse 2016 , 75-105		
141	Phosphate adsorption from wastewater using zirconium (IV) hydroxide: Kinetics, thermodynamics and membrane filtration adsorption hybrid system studies. <i>Journal of Environmental Management</i> , 2016 , 167, 167-74	7.9	55
140	Enhanced removal of nitrate from water using amine-grafted agricultural wastes. <i>Science of the Total Environment</i> , 2016 , 565, 503-510	10.2	62
139	Prediction of hydrological time-series using extreme learning machine. <i>Journal of Hydroinformatics</i> , 2016 , 18, 345-353	2.6	21
138	Sustainable Processes for Treatment of Waste Water Reverse Osmosis Concentrate to Achieve Zero Waste Discharge: A Detailed Study in Water Reclamation Plant. <i>Procedia Environmental Sciences</i> , 2016 , 35, 930-937		12
137	Rubidium extraction using an organic polymer encapsulated potassium copper hexacyanoferrate sorbent. <i>Chemical Engineering Journal</i> , 2016 , 306, 31-42	14.7	36
136	Sustainable Operation of Composting in Solid Waste Management. <i>Procedia Environmental Sciences</i> , 2016 , 35, 408-415		26
135	Simultaneous adsorption of Cd, Cr, Cu, Pb, and Zn by an iron-coated Australian zeolite in batch and fixed-bed column studies. <i>Chemical Engineering Journal</i> , 2015 , 270, 393-404	14.7	184
134	A comparative study on in-line flocculation and spiral flocculation followed by media filtration as a pre-treatment of seawater. <i>Desalination and Water Treatment</i> , 2015 , 55, 892-900		1

133	Submerged membrane (GAC) adsorption hybrid system in reverse osmosis concentrate treatment. <i>Separation and Purification Technology</i> , 2015 , 146, 8-14	8.3	26
132	Experimental evaluation of microfiltration-granular activated carbon (MF-GAC)/nano filter hybrid system in high quality water reuse. <i>Journal of Membrane Science</i> , 2015 , 476, 1-9	9.6	25
131	Removal of leather tanning agent syntan from aqueous solution using Fenton oxidation followed by GAC adsorption. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 21, 483-488	6.3	18
130	Assessment of fouling behaviour in submerged microfiltration system coupled with flocculation. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 21, 254-260	6.3	4
129	Nitrate removal using Purolite A520E ion exchange resin: batch and fixed-bed column adsorption modelling. <i>International Journal of Environmental Science and Technology</i> , 2015 , 12, 1311-1320	3.3	43
128	Benefit of adding adsorbent in submerged membrane microfiltration treatment of wastewater. <i>Desalination and Water Treatment</i> , 2015 , 1-11		2
127	Characterisation of Prolonged Deposits of Organic Matter in Infiltration System Inlets and Their Binding with Heavy Metals: a PARAFAC Approach. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 1	2.6	2
126	Effects of Humic Acid and Suspended Solids on the Removal of Heavy Metals from Water by Adsorption onto Granular Activated Carbon. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 10475-89	4.6	28
125	Trace elements in road-deposited and waterbed sediments in Kogarah Bay, Sydney: enrichment, sources and fractionation. <i>Soil Research</i> , 2015 , 53, 401	1.8	2
124	Adsorptive removal of heavy metals from water using sodium titanate nanofibres loaded onto GAC in fixed-bed columns. <i>Journal of Hazardous Materials</i> , 2015 , 287, 306-16	12.8	98
123	Characterisation of Road Dust Organic Matter as a Function of Particle Size: A PARAFAC Approach. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 1	2.6	19
122	Use of nanofiltration and reverse osmosis in reclaiming micro-filtered biologically treated sewage effluent for irrigation. <i>Desalination</i> , 2015 , 364, 119-125	10.3	29
121	Batch and column adsorption and desorption of fluoride using hydrous ferric oxide: Solution chemistry and modeling. <i>Chemical Engineering Journal</i> , 2014 , 247, 93-102	14.7	107
120	Polycyclic aromatic hydrocarbons in road-deposited sediments, water sediments, and soils in Sydney, Australia: Comparisons of concentration distribution, sources and potential toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 104, 339-48	7	97
119	Modelling of phosphorus removal by ion-exchange resin (Purolite FerriX A33E) in fixed-bed column experiments. <i>Desalination and Water Treatment</i> , 2014 , 52, 784-790		5
118	Beverley Park water reuse plant: getting the salt just right. <i>Desalination and Water Treatment</i> , 2014 , 52, 4656-4663		
117	Modelling of particle deposition in a submerged membrane microfiltration system. <i>Desalination</i> , 2014 , 350, 14-20	10.3	4
116	Effect of granular activated carbon filter on the subsequent flocculation in seawater treatment. <i>Desalination</i> , 2014 , 354, 9-16	10.3	17

115	Performance of submerged membrane Ion exchange hybrid system with Purolite A502PS in treating reverse osmosis feed. <i>Separation and Purification Technology</i> , 2014 , 122, 24-31	8.3	14
114	Phosphate removal from water using an iron oxide impregnated strong base anion exchange resin. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 1301-1307	6.3	83
113	Socio-hydrologic modeling to understand and mediate the competition for water between agriculture development and environmental health: Murrumbidgee River basin, Australia. <i>Hydrology and Earth System Sciences</i> , 2014 , 18, 4239-4259	5.5	104
112	Socio-hydrologic drivers of the pendulum swing between agricultural development and environmental health: a case study from Murrumbidgee River basin, Australia. <i>Hydrology and Earth System Sciences</i> , 2014 , 18, 1027-1041	5.5	99
111	Seawater biofiltration pre-treatment system: comparison of filter media performance. <i>Desalination and Water Treatment</i> , 2014 , 52, 6325-6332		6
110	Effluent organic matter removal from reverse osmosis feed by granular activated carbon and purolite A502PS fluidized beds. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 4499-4508	6.3	13
109	Removal and Recovery of Phosphate From Water Using Sorption. <i>Critical Reviews in Environmental Science and Technology</i> , 2014 , 44, 847-907	11.1	321
108	Socio-hydrologic modeling to understand and mediate the competition for water between agriculture development and environmental health: Murrumbidgee River basin, Australia. <i>Hydrology and Earth System Sciences</i> , 2014 , 18, 4239-4259	5.5	6
107	Enhanced removal of nitrate from water using surface modification of adsorbents--a review. <i>Journal of Environmental Management</i> , 2013 , 131, 363-74	7.9	164
106	Defluoridation of drinking water using adsorption processes. <i>Journal of Hazardous Materials</i> , 2013 , 248-249, 1-19	12.8	206
105	A detailed organic matter characterization of pretreated seawater using low pressure microfiltration hybrid systems. <i>Journal of Membrane Science</i> , 2013 , 428, 290-300	9.6	35
104	Effect of salt concentration on membrane bioreactor (MBR) performances: Detailed organic characterization. <i>Desalination</i> , 2013 , 322, 13-20	10.3	69
103	Performance of submerged membrane bioreactor (SMBR) with and without the addition of the different particle sizes of GAC as suspended medium. <i>Bioresource Technology</i> , 2013 , 141, 13-8	11	47
102	Household rainwater harvesting system [pilot scale gravity driven membrane-based filtration system. <i>Water Science and Technology: Water Supply</i> , 2013 , 13, 790-797	1.4	9
101	Coupling of physico-chemical treatment and steel membrane filtration to enhanced organic removal in wastewater treatment. <i>Desalination and Water Treatment</i> , 2013 , 51, 2695-2701		8
100	Road-Deposited Sediment Pollutants: A Critical Review of their Characteristics, Source Apportionment, and Management. <i>Critical Reviews in Environmental Science and Technology</i> , 2013 , 43, 1315-1348	11.1	85
99	Gravity driven membrane filtration system to improve the water quality in rainwater tanks. <i>Water Science and Technology: Water Supply</i> , 2013 , 13, 479-485	1.4	16
98	Spatial variation of polycyclic aromatic hydrocarbons and equivalent toxicity in Sydney Harbour, Australia. <i>Journal of Water and Climate Change</i> , 2013 , 4, 364-372	2.3	1

97	Wastewater Management Journey [From Indus Valley Civilisation to the Twenty-First Century 2013 , 3-18		1
96	Influence of hydraulic retention time on the nature of foulant organics in a high rate membrane bioreactor. <i>Desalination</i> , 2012 , 287, 116-122	10.3	26
95	Combined effect of air and mechanical scouring of membranes for fouling reduction in submerged membrane reactor. <i>Desalination</i> , 2012 , 288, 58-65	10.3	41
94	Effect of organic loading rate on organic matter and foulant characteristics in membrane bio-reactor. <i>Bioresource Technology</i> , 2012 , 113, 154-60	11	53
93	Removal of metsulfuron methyl by Fenton reagent. <i>Journal of Industrial and Engineering Chemistry</i> , 2012 , 18, 137-144	6.3	12
92	TiO ₂ nanoparticles and nanofibres from TiCl ₄ flocculated sludge: Characterisation and photocatalytic activity. <i>Journal of Industrial and Engineering Chemistry</i> , 2012 , 18, 1033-1038	6.3	20
91	A review of draw solutes in forward osmosis process and their use in modern applications. <i>Desalination and Water Treatment</i> , 2012 , 43, 167-184		205
90	Biofilter in leachate treatment processes. <i>Desalination and Water Treatment</i> , 2012 , 41, 249-257		5
89	Blended fertilizers as draw solutions for fertilizer-drawn forward osmosis desalination. <i>Environmental Science & Technology</i> , 2012 , 46, 4567-75	10.3	146
88	Influence of temperature and temperature difference in the performance of forward osmosis desalination process. <i>Journal of Membrane Science</i> , 2012 , 415-416, 734-744	9.6	103
87	Effect of imposed flux on fouling behavior in high rate membrane bioreactor. <i>Bioresource Technology</i> , 2012 , 122, 42-9	11	16
86	Effluent organic matter removal by Purolite® A500PS: Experimental performance and mathematical model. <i>Separation and Purification Technology</i> , 2012 , 98, 46-54	8.3	12
85	Effectiveness of purolite A500PS and A520E ion exchange resins on the removal of nitrate and phosphate from synthetic water. <i>Desalination and Water Treatment</i> , 2012 , 47, 50-58		27
84	Cadmium Sorption and Desorption in Soils: A Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2012 , 42, 489-533	11.1	190
83	Use of duckweed (<i>Lemna disperma</i>) to assess the phytotoxicity of the products of Fenton oxidation of metsulfuron methyl. <i>Ecotoxicology and Environmental Safety</i> , 2012 , 83, 89-95	7	7
82	Fertiliser drawn forward osmosis desalination: the concept, performance and limitations for fertigation. <i>Reviews in Environmental Science and Biotechnology</i> , 2012 , 11, 147-168	13.9	91
81	Physical, Chemical, and Biological Characterization of Membrane Fouling 2012 , 457-503		2
80	Stormwater detention basin for improving road-runoff quality. <i>Water Management</i> , 2012 , 165, 461-471	1	3

79	Removal of heavy metals in stormwater by hydrous ferric oxide. <i>Water Management</i> , 2012 , 165, 171-178	1	
78	Membrane Processes for Drinking Water Treatment 2012 , 140-168		
77	Performance of a stainless steel membrane in membrane bioreactor process. <i>Desalination and Water Treatment</i> , 2012 , 41, 258-264		1
76	Delineation of Membrane Processes 2012 , 41-74		
75	Case study research: training interdisciplinary engineers with context-dependent knowledge. <i>European Journal of Engineering Education</i> , 2012 , 37, 97-104	1.5	3
74	Turbulence measurements in spatially-varied flow with increasing discharge. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2012 , 50, 418-426	1.9	5
73	Stormwater treatment using permeable pavements. <i>Water Management</i> , 2012 , 165, 161-170	1	24
72	Performance of granular medium filtration and membrane filtration in treating stormwater for harvesting and reuse. <i>Desalination and Water Treatment</i> , 2012 , 45, 120-127		6
71	Two stage filtration for stormwater treatment: a pilot scale study. <i>Desalination and Water Treatment</i> , 2012 , 45, 361-369		10
70	Membrane Processes for Desalination: Importance of Pre-Treatment to Reduce Organic Fouling 2012 , 276-297		1
69	Application of Ultraviolet (UV) Spectrophotometry in the Assessment of Membrane Bioreactor Performance for Monitoring Water and Wastewater Treatment. <i>Applied Spectroscopy</i> , 2011 , 65, 227-232 ^{3.1}		10
68	Assessment of water treatment processes: detailed organic matter characterisation and membrane fouling indices at the Loddon Water Treatment Plant, Victoria, Australia. <i>Water Science and Technology: Water Supply</i> , 2011 , 11, 274-280	1.4	1
67	Water quality of membrane filtered rainwater. <i>Desalination and Water Treatment</i> , 2011 , 32, 208-213		1
66	Removal and recovery of nutrients by ion exchange from high rate membrane bio-reactor (MBR) effluent. <i>Desalination</i> , 2011 , 275, 197-202	10.3	38
65	Removal of organic matter from effluents by Magnetic Ion Exchange (MIEX®). <i>Desalination</i> , 2011 , 276, 96-102	10.3	43
64	Influence of supporting media in suspension on membrane fouling reduction in submerged membrane bioreactor (SMBR). <i>Journal of Membrane Science</i> , 2011 , 374, 121-128	9.6	56
63	Synthesis, characterisation and separation of photoreactive Hydrogen-titanate nanofibrous channel. <i>Separation and Purification Technology</i> , 2011 , 77, 202-207	8.3	5
62	Application of air flow for mitigation of particle deposition in submerged membrane microfiltration. <i>Desalination and Water Treatment</i> , 2011 , 32, 201-207		5

61	Measuring treatment effectiveness of urban wetland using hybrid water quality Artificial neural network (ANN) model. <i>Desalination and Water Treatment</i> , 2011 , 32, 284-290		9
60	Lessons for a viable water recycling industry. <i>Water Management</i> , 2011 , 164, 213-219	1	3
59	Biofiltration as pre-treatment to water harvesting and recycling. <i>Water Science and Technology</i> , 2011 , 63, 2097-105	2.2	10
58	Production of Titanium Dioxide Nanoparticles and Nanostructures from Dye Wastewater Sludge - Characterisation and Evaluation of Photocatalytic activity. <i>Journal of Advanced Oxidation Technologies</i> , 2010 , 13,		1
57	The Application of Photocatalytic Oxidation in Removing Pentachlorophenol from Contaminated Water. <i>Journal of Advanced Oxidation Technologies</i> , 2010 , 13,		2
56	Comparison of fouling indices in assessing pre-treatment for seawater reverse osmosis. <i>Desalination and Water Treatment</i> , 2010 , 18, 187-191		6
55	Water quality characterisation of rainwater in tanks at different times and locations. <i>Water Science and Technology</i> , 2010 , 61, 429-39	2.2	15
54	Analysis of first flush to improve the water quality in rainwater tanks. <i>Water Science and Technology</i> , 2010 , 61, 421-8	2.2	45
53	Influence of buoyant media on particle layer dynamics in microfiltration membranes. <i>Water Science and Technology</i> , 2010 , 61, 1733-8	2.2	4
52	Membranes coupled with physico chemical treatment in water reuse. <i>Water Science and Technology</i> , 2010 , 61, 513-9	2.2	10
51	Chemical-assisted physico-biological water mining system. <i>Water Management</i> , 2010 , 163, 469-474	1	4
50	Modelling of submerged membrane flocculation hybrid systems using statistical and artificial neural networks methods 2010 , 59, 198-208		1
49	Removal of metsulfuron methyl by granular activated carbon adsorption. <i>Desalination and Water Treatment</i> , 2010 , 21, 247-254		7
48	Preparation of titanium dioxide nanoparticles from electrocoagulated sludge using sacrificial titanium electrodes. <i>Environmental Science & Technology</i> , 2010 , 44, 5553-7	10.3	17
47	Valuing stormwater, rainwater and wastewater in the soft path for water management: Australian case studies. <i>Water Science and Technology</i> , 2010 , 62, 2854-61	2.2	7
46	Influence of aeration and permeate flux on deposition of particulates on membrane surface. <i>Water Science and Technology: Water Supply</i> , 2010 , 10, 979-986	1.4	
45	Urban stormwater quality and treatment. <i>Korean Journal of Chemical Engineering</i> , 2010 , 27, 1343-1359	2.8	75
44	Novel pre-treatment method for seawater reverse osmosis: Fibre media filtration. <i>Desalination</i> , 2010 , 250, 557-561	10.3	23

43	Assessment of pretreatment to microfiltration for desalination in terms of fouling index and molecular weight distribution. <i>Desalination</i> , 2010 , 250, 644-647	10.3	21
42	PVDF-TiO ₂ coated microfiltration membranes: preparation and characterization. <i>Membrane Water Treatment</i> , 2010 , 1, 193-206		2
41	Preparation of titanium oxide, iron oxide, and aluminium oxide from sludge generated from Ti-salt, Fe-salt and Al-salt flocculation of wastewater. <i>Journal of Industrial and Engineering Chemistry</i> , 2009 , 15, 719-723	6.3	15
40	Comparison of granular activated carbon bio-sorption and advanced oxidation processes in the treatment of leachate effluent. <i>Korean Journal of Chemical Engineering</i> , 2009 , 26, 724-730	2.8	15
39	Identification and characterisation of biofilm formed on membrane bio-reactor. <i>Separation and Purification Technology</i> , 2009 , 67, 86-94	8.3	49
38	Arsenic removal by a membrane hybrid filtration system. <i>Desalination</i> , 2009 , 236, 363-369	10.3	64
37	Desalination plants in Australia, review and facts. <i>Desalination</i> , 2009 , 247, 1-14	10.3	77
36	Hybrid filtration method for pre-treatment of seawater reverse osmosis (SWRO). <i>Desalination</i> , 2009 , 247, 15-24	10.3	15
35	Biofilter as pretreatment to membrane based desalination: Evaluation in terms of fouling index. <i>Desalination</i> , 2009 , 247, 77-84	10.3	22
34	A gradualist approach to address Australia's urban water challenge. <i>Desalination</i> , 2009 , 249, 1012-1016	10.3	12
33	Submerged Membrane System with Biofilter as a Treatment to Rainwater. <i>Water, Air and Soil Pollution</i> , 2009 , 9, 431-438		10
32	Low-Cost Filtration System to Treat First-Flush Stormwater. <i>Water, Air and Soil Pollution</i> , 2009 , 9, 347-355		4
31	Treatment of Stormwater using Fibre Filter Media. <i>Water, Air and Soil Pollution</i> , 2009 , 9, 439-447		6
30	Submerged microfiltration coupled with physico-chemical processes as pretreatment to sea water desalination. <i>Desalination and Water Treatment</i> , 2009 , 11, 52-57		4
29	Deep bed filter as pre-treatment to stormwater. <i>Desalination and Water Treatment</i> , 2009 , 12, 313-323		6
28	Preparation and Characterization of Titanium Dioxide (TiO ₂) from Sludge produced by TiCl ₄ Flocculation with FeCl ₃ , Al ₂ (SO ₄) ₃ and Ca(OH) ₂ Coagulant Aids in Wastewater. <i>Separation Science and Technology</i> , 2009 , 44, 1525-1543	2.5	50
27	Evaluating performance and effectiveness of water sensitive urban design. <i>Desalination and Water Treatment</i> , 2009 , 11, 144-150		6
26	Benefits of local government and university research alliances. <i>Proceedings of the Institution of Civil Engineers: Municipal Engineer</i> , 2009 , 162, 111-116	0.5	2

25	Influence of clogging on the effective life of permeable pavements. <i>Water Management</i> , 2009 , 162, 211-220	51
24	Temporal variation of foulant characteristics in membrane bioreactor. <i>Desalination and Water Treatment</i> , 2009 , 6, 69-73	2
23	Review of Stormwater Quality, Quantity and Treatment Methods Part 2: Stormwater: Quality Modelling. <i>Environmental Engineering Research</i> , 2009 , 14, 143-149	3.6 2
22	Seasonal PM10 dynamics in Kathmandu Valley. <i>Atmospheric Environment</i> , 2008 , 42, 8623-8633	5.3 35
21	A continuous photocatalysis system in the degradation of herbicide. <i>Korean Journal of Chemical Engineering</i> , 2008 , 25, 663-669	2.8 2
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3	Pollution Retention Capability and Maintenance of Permeable Pavements 2002 , 1		36
2	Socio-hydrologic drivers of the Pendulum Swing between agriculture development and environmental health: a case study from Murrumbidgee River Basin, Australia		7
1	A Socio-Hydrological Perspective on the Economics of Water Resources Development and Management		3