

# Simon C Beecham

## 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.

152  
papers

3,355  
citations

31  
h-index

51  
g-index

160  
ext. papers

4,018  
ext. citations

4.4  
avg, IF

5.84  
L-index

#	Paper	IF	Citations
152	Application of native plants in constructed floating wetlands as a passive remediation approach for PFAS-impacted surface water.. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 429, 128326	12.8	4
151	The influence of evaporation from porous concrete on air temperature and humidity.. <i>Journal of Environmental Management</i> , <b>2022</b> , 306, 114472	7.9	2
150	Permeable Pavements for Flood Control in Australia: Spatial Analysis of Pavement Design Considering Rainfall and Soil Data. <i>Sustainability</i> , <b>2022</b> , 14, 4970	3.6	1
149	A Review of Enzyme Induced Carbonate Precipitation (EICP): The Role of Enzyme Kinetics. <i>Sustainable Chemistry</i> , <b>2021</b> , 2, 92-114	3.6	7
148	Optimisation of chemical constituents on enzyme-induced carbonate precipitation in test-tube and soil. <i>Geotechnical Research</i> , <b>2021</b> , 8, 66-84	1.2	4
147	Enzyme induced calcium carbonate precipitation and its engineering application: A systematic review and meta-analysis. <i>Construction and Building Materials</i> , <b>2021</b> , 308, 125000	6.7	2
146	Sustainability Assessment of Using Recycled Aggregates in Concrete Block Pavements. <i>Sustainability</i> , <b>2020</b> , 12, 4313	3.6	8
145	Distribution of Heavy Metals in Vegetative Biofiltration Columns. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 747	3	0
144	A consecutive chlorination and alkaline hydrolysis process for rapid degradation and detoxication of malathion in aqueous solution. <i>Chemical Engineering Journal</i> , <b>2020</b> , 392, 123793	14.7	10
143	Impacts of climate change on coastal infrastructure <b>2020</b> , 173-184		
142	State-of-the-Art Review of Microbial-Induced Calcite Precipitation and Its Sustainability in Engineering Applications. <i>Sustainability</i> , <b>2020</b> , 12, 6281	3.6	40
141	Transformation pathway and toxicity assessment of malathion in aqueous solution during UV photolysis and photocatalysis. <i>Chemosphere</i> , <b>2019</b> , 234, 204-214	8.4	27
140	The influence of rainfall intensity and duration on sediment pathways and subsequent clogging in permeable pavements. <i>Journal of Environmental Management</i> , <b>2019</b> , 246, 730-736	7.9	11
139	Sizing of Domestic Rainwater Harvesting Systems Using Economic Performance Indicators to Support Water Supply Systems. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 783	3	8
138	An infiltration approach to reducing pavement damage by street trees. <i>Science of the Total Environment</i> , <b>2019</b> , 671, 94-100	10.2	3
137	Characterization of meteorological droughts across South Australia. <i>Meteorological Applications</i> , <b>2019</b> , 26, 556-568	2.1	11
136	A Statistically Rigorous Approach to Experimental Design of Vertical Living Walls for Green Buildings. <i>Urban Science</i> , <b>2019</b> , 3, 71	2.2	5

135	Simulation of streamflow with statistically downscaled daily rainfall using a hybrid of wavelet and GAMLSS models. <i>Hydrological Sciences Journal</i> , <b>2019</b> , 64, 1327-1339	3.5	10
134	A field and laboratory investigation of kerb side inlet pits using four media types. <i>Journal of Environmental Management</i> , <b>2019</b> , 247, 281-290	7.9	6
133	Performance of a kerb side inlet to irrigate street trees and to improve road runoff water quality: a comparison of four media types. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 33995-34007	5.1	2
132	Development of a non-stationary Standardized Precipitation Index and its application to a South Australian climate. <i>Science of the Total Environment</i> , <b>2019</b> , 657, 882-892	10.2	19
131	Granger causal predictors for maximum rainfall in Australia. <i>Atmospheric Research</i> , <b>2019</b> , 218, 1-11	5.4	2
130	Experimental designs of field-based constructed floating wetland studies: A review. <i>Science of the Total Environment</i> , <b>2019</b> , 660, 199-208	10.2	27
129	The Role of Green Roofs and Living Walls as WSUD Approaches in a Dry Climate <b>2019</b> , 409-430		1
128	Removal of organic matter from reservoir water: mechanisms underpinning surface chemistry of natural adsorbents. <i>International Journal of Environmental Science and Technology</i> , <b>2018</b> , 15, 847-862	3.3	4
127	A Review of Permeable Pavement Clogging Investigations and Recommended Maintenance Regimes. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 337	3	31
126	The Effect of Particle Size on Sediment Accumulation in Permeable Pavements. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 403	3	4
125	Soil Salinity Mapping of Urban Greenery Using Remote Sensing and Proximal Sensing Techniques; The Case of Veale Gardens within the Adelaide Parklands. <i>Sustainability</i> , <b>2018</b> , 10, 2826	3.6	19
124	Influence of spent filter backwash water recycling on pesticide removal in a conventional drinking water treatment process. <i>Environmental Science: Water Research and Technology</i> , <b>2018</b> , 4, 1057-1067	4.2	6
123	Vertical greenery systems: A systematic review of research trends. <i>Building and Environment</i> , <b>2018</b> , 146, 226-237	6.5	54
122	Changing patterns in rainfall extremes in South Australia. <i>Theoretical and Applied Climatology</i> , <b>2017</b> , 127, 793-813	3	5
121	NDVI, scale invariance and the modifiable areal unit problem: An assessment of vegetation in the Adelaide Parklands. <i>Science of the Total Environment</i> , <b>2017</b> , 584-585, 11-18	10.2	19
120	Trends in sub-daily precipitation in Tasmania using regional dynamically downscaled climate projections. <i>Journal of Hydrology: Regional Studies</i> , <b>2017</b> , 10, 18-34	3.6	8
119	Application of green remediation on soil salinity treatment: A review on halophytoremediation. <i>Chemical Engineering Research and Design</i> , <b>2017</b> , 107, 94-107	5.5	84
118	Readily Wash-Off Road Dust and Associated Heavy Metals on Motorways. <i>Water, Air, and Soil Pollution</i> , <b>2017</b> , 228, 1	2.6	46

117	Incorporating residual temperature and specific humidity in predicting weather-dependent warm-season electricity consumption. <i>Environmental Research Letters</i> , <b>2017</b> , 12, 024021	6.2	13
116	Effects of partial root-zone drying irrigation and water quality on soil physical and chemical properties. <i>Agricultural Water Management</i> , <b>2017</b> , 182, 117-125	5.9	15
115	Simulation of extreme rainfall and projection of future changes using the GLIMCLIM model. <i>Theoretical and Applied Climatology</i> , <b>2017</b> , 130, 453-466	3	12
114	Statistical downscaling of rainfall: a non-stationary and multi-resolution approach. <i>Theoretical and Applied Climatology</i> , <b>2016</b> , 124, 919-933	3	22
113	Remediation of metalliferous mines, revegetation challenges and emerging prospects in semi-arid and arid conditions. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 20131-20150	5.1	13
112	Greywater quality changes in a permeable pavement reservoir. <i>Water Management</i> , <b>2016</b> , 169, 190-198	1	6
111	Metal bioavailability to <i>Eisenia fetida</i> through copper mine dwelling animal and plant litter, a new challenge on contaminated environment remediation. <i>International Biodeterioration and Biodegradation</i> , <b>2016</b> , 113, 208-216	4.8	19
110	Quantifying the impacts of artificial flooding as a salt interception measure on a river-floodplain interaction in a semi-arid saline floodplain. <i>Environmental Modelling and Software</i> , <b>2016</b> , 79, 167-183	5.2	20
109	Estimating flow rates through individual outlets of siphonic roof drainage systems. <i>Building Research and Information</i> , <b>2016</b> , 44, 289-300	4.3	2
108	Insight into dissolved organic matter fractions in Lake Wivenhoe during and after a major flood. <i>Environmental Monitoring and Assessment</i> , <b>2016</b> , 188, 134	3.1	4
107	Multiple step ahead river flow modelling for south east tasmanian aquaculture. <i>Earth Science Informatics</i> , <b>2016</b> , 9, 271-279	2.5	1
106	The role of green roofs in mitigating Urban Heat Island effects in the metropolitan area of Adelaide, South Australia. <i>Urban Forestry and Urban Greening</i> , <b>2016</b> , 15, 89-102	5.4	101
105	Impact of elemental uptake in the root chemistry of wetland plants. <i>International Journal of Phytoremediation</i> , <b>2016</b> , 18, 936-42	3.9	3
104	Aqueous arsenite removal by simultaneous ultraviolet photocatalytic oxidation-coagulation of titanium sulfate. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 303, 162-70	12.8	29
103	Estimation of trends in rainfall extremes with mixed effects models. <i>Atmospheric Research</i> , <b>2016</b> , 168, 24-32	5.4	11
102	Comparing Three Approaches of Evapotranspiration Estimation in Mixed Urban Vegetation: Field-Based, Remote Sensing-Based and Observational-Based Methods. <i>Remote Sensing</i> , <b>2016</b> , 8, 492	5	36
101	Effects of Organic Matter Removal from a Wastewater Secondary Effluent by Aluminum Sulfate Coagulation on Haloacetic Acids Formation. <i>Environmental Engineering Science</i> , <b>2016</b> , 33, 484-493	2	9
100	Influence of heavy metals in root chemistry of <i>Cyperus vaginatus</i> R.Br: A study through optical spectroscopy. <i>International Biodeterioration and Biodegradation</i> , <b>2016</b> , 113, 201-207	4.8	16

99	Tracking changes in fluorescent organic composition in leachates using excitation emission matrix-parallel factor analysis. <i>Chemical Engineering Research and Design</i> , <b>2016</b> , 104, 507-516	5.5	6
98	Temporal change of PM10 and its mass fraction during a dust storm in September 2009 in Australia. <i>Air Quality, Atmosphere and Health</i> , <b>2015</b> , 8, 483-494	5.6	4
97	Understanding South Australian rainfall trends and step changes. <i>International Journal of Climatology</i> , <b>2015</b> , 35, 348-360	3.5	21
96	Evaluation of particle transport in permeable pavements under oil loadings. <i>KSCE Journal of Civil Engineering</i> , <b>2015</b> , 19, 2000-2004	1.9	4
95	Analysis of the built-up processes for volatile organics and heavy metals in suspended solids from road run-off. <i>Desalination and Water Treatment</i> , <b>2015</b> , 54, 1254-1259		3
94	Modelling hydrological losses for varying rainfall and moisture conditions in South Australian catchments. <i>Journal of Hydrology: Regional Studies</i> , <b>2015</b> , 4, 1-21	3.6	55
93	Evaluation of soil chemical properties irrigated with recycled wastewater under partial root-zone drying irrigation for sustainable tomato production. <i>Agricultural Water Management</i> , <b>2015</b> , 161, 127-135	5.9	22
92	Injection of fresh river water into a saline floodplain aquifer as a salt interception measure in a semi-arid environment. <i>Ecological Engineering</i> , <b>2015</b> , 75, 308-322	3.9	17
91	PM10 Dispersion in Adelaide and Its Relationship with Rainfall. <i>Water, Air, and Soil Pollution</i> , <b>2015</b> , 226, 1	2.6	1
90	Statistical characteristics of rainfall in the Onkaparinga catchment in South Australia. <i>Journal of Water and Climate Change</i> , <b>2015</b> , 6, 352-373	2.3	10
89	Alternative low-cost overflows for siphonic roof drainage systems: Proof of concept. <i>Journal of Building Engineering</i> , <b>2015</b> , 2, 9-16	5.2	4
88	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> , <b>2015</b> , 226, 1	2.6	2
87	Assessment of trends in point rainfall using Continuous Wavelet Transforms. <i>Advances in Water Resources</i> , <b>2015</b> , 82, 1-15	4.7	54
86	Statistical downscaling of CMIP5 outputs for projecting future changes in rainfall in the Onkaparinga catchment. <i>Science of the Total Environment</i> , <b>2015</b> , 530-531, 171-182	10.2	25
85	Air water flows in building drainage systems. <i>Urban Water Journal</i> , <b>2015</b> , 12, 455-467	2.3	8
84	Water quality and quantity investigation of green roofs in a dry climate. <i>Water Research</i> , <b>2015</b> , 70, 370-384	2.5	71
83	Heavy metal pollution and health risk assessment in the Wei River in China. <i>Environmental Monitoring and Assessment</i> , <b>2015</b> , 187, 111	3.1	39
82	Characterisation of Road Dust Organic Matter as a Function of Particle Size: A PARAFAC Approach. <i>Water, Air, and Soil Pollution</i> , <b>2015</b> , 226, 1	2.6	19

81	Remote sensing techniques for predicting evapotranspiration from mixed vegetated surfaces. <i>Urban Water Journal</i> , <b>2015</b> , 12, 380-393	2.3	26
80	Impact of green roofs on stormwater quality in a South Australian urban environment. <i>Science of the Total Environment</i> , <b>2014</b> , 470-471, 651-9	10.2	54
79	Modelling the impacts of river stage manipulation on a complex river-floodplain system in a semi-arid region. <i>Environmental Modelling and Software</i> , <b>2014</b> , 59, 109-126	5.2	17
78	Wavelet-Based Rainfall-Stream Flow Models for the Southeast Murray Darling Basin. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2014</b> , 19, 1283-1293	1.8	18
77	Impacts of Vegetation Cover on Surface-Groundwater Flows and Solute Interactions in a Semi-Arid Saline Floodplain: A Case Study of the Lower Murray River, Australia. <i>Environmental Processes</i> , <b>2014</b> , 1, 59-71	2.8	14
76	Developing resilient green roofs in a dry climate. <i>Science of the Total Environment</i> , <b>2014</b> , 490, 579-89	10.2	26
75	The growth and survival of plants in urban green roofs in a dry climate. <i>Science of the Total Environment</i> , <b>2014</b> , 476-477, 288-97	10.2	48
74	High Spatial Resolution WorldView-2 Imagery for Mapping NDVI and Its Relationship to Temporal Urban Landscape Evapotranspiration Factors. <i>Remote Sensing</i> , <b>2014</b> , 6, 580-602	5	79
73	Tracking Inflows in Lake Wivenhoe during a Major Flood Using Optical Spectroscopy. <i>Water (Switzerland)</i> , <b>2014</b> , 6, 2339-2352	3	6
72	Assessment of Short Term Rainfall and Stream Flows in South Australia. <i>Water (Switzerland)</i> , <b>2014</b> , 6, 3528-3544	3	9
71	Effect of Age of Permeable Pavements on Their Infiltration Function. <i>Clean - Soil, Air, Water</i> , <b>2014</b> , 42, 146-152	1.6	39
70	The hydrological behaviour of extensive and intensive green roofs in a dry climate. <i>Science of the Total Environment</i> , <b>2014</b> , 499, 284-96	10.2	49
69	Comparison of the coagulation performance of tetravalent titanium and zirconium salts with alum. <i>Chemical Engineering Journal</i> , <b>2014</b> , 254, 635-646	14.7	55
68	Statistical downscaling of multi-site daily rainfall in a South Australian catchment using a Generalized Linear Model. <i>International Journal of Climatology</i> , <b>2014</b> , 34, 3654-3670	3.5	48
67	Influence of channel geometry on water levels above siphonic roof outlets. <i>Building Services Engineering Research and Technology</i> , <b>2014</b> , 35, 83-98	2.3	2
66	Multiple Resolution River flow Time Series Modelling using Machine Learning Methods <b>2014</b> ,		2
65	Characterization of rainfall spells for urban water management. <i>International Journal of Climatology</i> , <b>2013</b> , 33, 959-967	3.5	11
64	Climatic influences on rainfall and runoff variability in the southeast region of the Murray-Darling Basin. <i>International Journal of Climatology</i> , <b>2013</b> , 33, 291-311	3.5	20

63	A review of ET measurement techniques for estimating the water requirements of urban landscape vegetation. <i>Urban Water Journal</i> , <b>2013</b> , 10, 247-259	2.3	61
62	Removal of organic contaminants from river and reservoir waters by three different aluminum-based metal salts: Coagulation adsorption and kinetics studies. <i>Chemical Engineering Journal</i> , <b>2013</b> , 225, 394-405	14.7	66
61	Influence of SOI, DMI and Ni $\bar{3}$ .4 on South Australian rainfall. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2013</b> , 27, 1909-1920	3.5	13
60	Water requirements of urban landscape plants: A comparison of three factor-based approaches. <i>Ecological Engineering</i> , <b>2013</b> , 57, 276-284	3.9	40
59	The Role of Bioretention Systems in the Treatment of Stormwater. <i>Advances in Agronomy</i> , <b>2013</b> , 223-274	4.7	23
58	A review of the numerical modelling of salt mobilization from groundwater-surface water interactions. <i>Water Resources</i> , <b>2013</b> , 40, 325-341	0.9	12
57	Variation in PAH patterns in road runoff. <i>Water Science and Technology</i> , <b>2013</b> , 67, 2699-705	2.2	7
56	Impacts of climate change on rainfall extremes and urban drainage systems: a review. <i>Water Science and Technology</i> , <b>2013</b> , 68, 16-28	2.2	175
55	SAMPLING PATTERNS AND EDGE EFFECTS IN A BIODIVERSITY STUDY OF URBAN LINEAR STREETSAPES. <i>Acta Horticulturae</i> , <b>2013</b> , 271-276	0.3	
54	Variability of drainage and solute leaching in heterogeneous urban vegetation environs. <i>Hydrology and Earth System Sciences</i> , <b>2013</b> , 17, 4339-4347	5.5	13
53	Spatial variation of polycyclic aromatic hydrocarbons and equivalent toxicity in Sydney Harbour, Australia. <i>Journal of Water and Climate Change</i> , <b>2013</b> , 4, 364-372	2.3	1
52	Impacts of groundwater extraction on salinization risk in a semi-arid floodplain. <i>Natural Hazards and Earth System Sciences</i> , <b>2013</b> , 13, 3405-3418	3.9	13
51	Probability distributions for explaining hydrological losses in South Australian catchments. <i>Hydrology and Earth System Sciences</i> , <b>2013</b> , 17, 4541-4553	5.5	7
50	WATER QUALITY EFFECTS OF A WATER SENSITIVE URBAN DESIGN RETROFIT IN AN URBAN STREETSAPES IN ADELAIDE, AUSTRALIA. <i>Acta Horticulturae</i> , <b>2013</b> , 321-327	0.3	3
49	Characteristics of Atmospheric Particulate Matter and Metals in Industrial Sites in Korea. <i>Environment and Pollution</i> , <b>2013</b> , 2,	1	13
48	AN INTEGRATED APPROACH FOR SELECTING BIODIVERSITY INDICATORS IN AN AUSTRALIAN STREETSAPES STUDY. <i>Acta Horticulturae</i> , <b>2013</b> , 263-269	0.3	
47	A model for water sharing in the Ganges River Basin. <i>Water and Environment Journal</i> , <b>2012</b> , 26, 308-318	1.7	6
46	Stormwater detention basin for improving road-runoff quality. <i>Water Management</i> , <b>2012</b> , 165, 461-471	1	3

45	Effects of changing rainfall patterns on WSUD in Australia. <i>Water Management</i> , <b>2012</b> , 165, 285-298	1	12
44	Turbulence measurements in spatially-varied flow with increasing discharge. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , <b>2012</b> , 50, 418-426	1.9	5
43	Stormwater treatment using permeable pavements. <i>Water Management</i> , <b>2012</b> , 165, 161-170	1	24
42	Unusual Sydney dust storm and its mineralogical and organic characteristics. <i>Environmental Chemistry</i> , <b>2012</b> , 9, 537	3.2	26
41	Numerical simulation of the mechanical behaviour of porous concrete. <i>Engineering Computations</i> , <b>2011</b> , 28, 984-1002	1.4	12
40	Streetscape biodiversity and the role of bioretention swales in an Australian urban environment. <i>Landscape and Urban Planning</i> , <b>2011</b> , 101, 139-148	7.7	82
39	The influence of constrained fossil fuel emissions scenarios on climate and water resource projections. <i>Hydrology and Earth System Sciences</i> , <b>2011</b> , 15, 1879-1893	5.5	13
38	Changes in the organic character of post-coagulated <i>Pinus radiata</i> sulfite pulp mill wastewater under aerated stabilization basin treatment – a laboratory scale study. <i>Chemical Engineering Journal</i> , <b>2011</b> , 175, 160-168	14.7	14
37	Measuring flows in partially-filled pipes in siphonic roof drainage systems. <i>Mapan - Journal of Metrology Society of India</i> , <b>2011</b> , 26, 315-327	1	1
36	Non-stationarity in rainfall and temperature in the Murray Darling Basin. <i>Hydrological Processes</i> , <b>2011</b> , 25, 1659-1675	3.3	26
35	The relationship between porosity and strength for porous concrete. <i>Construction and Building Materials</i> , <b>2011</b> , 25, 4294-4298	6.7	306
34	Orthophosphate removal from domestic wastewater using limestone and granular activated carbon. <i>Desalination</i> , <b>2011</b> , 271, 265-272	10.3	66
33	Evaluation of Permeability of Porous Concrete. <i>Advanced Materials Research</i> , <b>2011</b> , 295-297, 873-879	0.5	1
32	Water quality with storage in permeable pavement basecourse. <i>Water Management</i> , <b>2011</b> , 164, 361-372	1	25
31	Field investigation of clogging in a permeable pavement system. <i>Building Research and Information</i> , <b>2011</b> , 39, 603-615	4.3	90
30	BIORETENTION SWALES AS MULTIFUNCTIONAL LANDSCAPES AND THEIR INFLUENCE ON AUSTRALIAN URBAN BIODIVERSITY: HYMENOPTERA AS BIODIVERSITY INDICATORS. <i>Acta Horticulturae</i> , <b>2010</b> , 221-227	0.3	1
29	Modelling Pervious Concrete under Compression Loading – A Discrete Element Approach. <i>Advanced Materials Research</i> , <b>2010</b> , 168-170, 1590-1600	0.5	7
28	Modelling systems of reservoirs using structured Markov chains. <i>Water Management</i> , <b>2010</b> , 163, 407-416	1	4



27	Capacity loss in siphonic roof drainage systems due to aeration. <i>Building Research and Information</i> , <b>2010</b> , 38, 206-217	4.3	7
26	Evaluation of the influence of irrigation methods and water quality on sugar beet yield and water use efficiency. <i>Agricultural Water Management</i> , <b>2010</b> , 97, 357-362	5.9	57
25	Aeration and gutter water levels in siphonic roof drainage systems. <i>Building Research and Information</i> , <b>2010</b> , 38, 670-685	4.3	6
24	Optimization of a Step-Berm Embankment <b>2010</b> , 672-683		
23	Depletion of E. coli in permeable pavement mineral aggregate storage and reuse systems. <i>Water Science and Technology</i> , <b>2009</b> , 60, 3091-9	2.2	11
22	Australian rainfall trends and their relation to the southern oscillation index. <i>Hydrological Processes</i> , <b>2009</b> , 24, n/a-n/a	3.3	16
21	Temporal characteristics and variability of point rainfall: a statistical and wavelet analysis. <i>International Journal of Climatology</i> , <b>2009</b> , 30, n/a-n/a	3.5	7
20	Evaluation of the effect of porous check dam location on fine sediment retention (a case study). <i>Environmental Monitoring and Assessment</i> , <b>2009</b> , 152, 319-26	3.1	45
19	Streetscale bioretention basins in Melbourne and their effect on local biodiversity. <i>Ecological Engineering</i> , <b>2009</b> , 35, 1454-1465	3.9	39
18	Factors affecting terrestrial invertebrate diversity in bioretention basins in an Australian urban environment. <i>Landscape and Urban Planning</i> , <b>2009</b> , 92, 304-313	7.7	42
17	The effects of irrigation methods with effluent and irrigation scheduling on water use efficiency and corn yields in an arid region. <i>Agricultural Water Management</i> , <b>2009</b> , 96, 93-99	5.9	70
16	Influence of clogging on the effective life of permeable pavements. <i>Water Management</i> , <b>2009</b> , 162, 211-220		51
15	Cavitation, aeration and negative pressures in siphonic roof drainage systems. <i>Building Services Engineering Research and Technology</i> , <b>2009</b> , 30, 103-119	2.3	9
14	Statistical Behaviour of Adelaide's Rainfall ¶s Climate Change Detectable? <b>2008</b> ,		2
13	Stormwater sand filters in water-sensitive urban design. <i>Water Management</i> , <b>2008</b> , 161, 55-64	1	13
12	Velocity Distributions in Spatially Varied Flow with Increasing Discharge. <i>Journal of Hydraulic Engineering</i> , <b>2007</b> , 133, 721-735	1.8	8
11	Development of a confined water sensitive urban design (WSUD) system using engineered soils. <i>Water Science and Technology</i> , <b>2007</b> , 55, 211-8	2.2	6
10	Modelling on-site detention on a catchment-wide basis. <i>Urban Water Journal</i> , <b>2005</b> , 2, 23-32	2.3	7

9	Boundary Shear Stress in Spatially Varied Flow with Increasing Discharge. <i>Journal of Hydraulic Engineering</i> , <b>2005</b> , 131, 705-714	1.8	15
8	Friction Factors for Spatially Varied Flow with Increasing Discharge. <i>Journal of Hydraulic Engineering</i> , <b>2005</b> , 131, 792-799	1.8	21
7	Experience of Flood Modeling in NSW, Australia <b>2002</b> , 1		
6	WATER-SURFACE SLOPE AT CRITICAL CONTROLS IN OPEN-CHANNEL FLOW <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , <b>1998</b> , 36, 284-287	1.9	
5	On-site stormwater detention systems in Sydney. <i>Water Science and Technology</i> , <b>1995</b> , 32, 169	2.2	4
4	On-site stormwater detention systems in Sydney. <i>Water Science and Technology</i> , <b>1995</b> , 32, 169-175	2.2	8
3	Identifying the first flush in stormwater runoff using UV spectroscopy 96, 231-236		2
2	Remote sensing techniques for predicting evapotranspiration from mixed vegetated surfaces		16
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