

# Craig M Sheridan

## List of Publications by Citations

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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.

38

papers

401

citations

12

h-index

18

g-index

43

ext. papers

520

ext. citations

4.5

avg, IF

4.4

L-index

#	Paper	IF	Citations
38	Environmentally sustainable acid mine drainage remediation: Research developments with a focus on waste/by-products. <i>Minerals Engineering</i> , <b>2018</b> , 126, 207-220	4.9	73
37	Remediation of acid mine drainage using metallurgical slags. <i>Minerals Engineering</i> , <b>2014</b> , 64, 15-22	4.9	49
36	Basic oxygen furnace slag: Review of current and potential uses. <i>Minerals Engineering</i> , <b>2020</b> , 149, 106234	4.9	28
35	The Fenton oxidation of biologically treated paper and pulp mill effluents: A performance and kinetic study. <i>Chemical Engineering Research and Design</i> , <b>2017</b> , 107, 206-215	5.5	27
34	Combined biological and advance oxidation processes for paper and pulp effluent treatment. <i>South African Journal of Chemical Engineering</i> , <b>2018</b> , 25, 116-122	3.2	18
33	Assessing the blue-water footprint of an opencast platinum mine in South Africa. <i>Water S A</i> , <b>2015</b> , 41, 287	1.3	13
32	The potential utilisation of indigenous South African grasses for acid mine drainage remediation. <i>Water S A</i> , <b>2015</b> , 41, 247	1.3	13
31	Turning wine (waste) into water: Toward technological advances in the use of constructed wetlands for winery effluent treatment. <i>AIChE Journal</i> , <b>2014</b> , 60, 420-431	3.6	13
30	Estimating rate constants of contaminant removal in constructed wetlands treating winery effluent: A comparison of three different methods. <i>Chemical Engineering Research and Design</i> , <b>2014</b> , 92, 903-916	5.5	13
29	A kinetic study of a mesophilic aerobic moving bed biofilm reactor (MBBR) treating paper and pulp mill effluents: The impact of phenols on biodegradation rates. <i>Journal of Water Process Engineering</i> , <b>2017</b> , 19, 35-41	6.7	13
28	Quantification of water usage at a South African platinum processing plant. <i>Water S A</i> , <b>2015</b> , 41, 279	1.3	12
27	The availability of second generation feedstocks for the treatment of acid mine drainage and to improve South Africa's bio-based economy. <i>Science of the Total Environment</i> , <b>2018</b> , 637-638, 132-136	10.2	12
26	Lignocellulosic bioethanol production from grasses pre-treated with acid mine drainage: Modeling and comparison of SHF and SSF. <i>Bioresource Technology Reports</i> , <b>2019</b> , 7, 100299	4.1	10
25	A critical process analysis of wine production to improve cost, quality and environmental performance. <i>Water Science and Technology</i> , <b>2005</b> , 51, 39-46	2.2	10
24	Mental models of a water management system in a green building. <i>Applied Ergonomics</i> , <b>2016</b> , 57, 36-47	4.2	10
23	A comparison of three different residence time distribution modelling methodologies for horizontal subsurface flow constructed wetlands. <i>Ecological Engineering</i> , <b>2017</b> , 99, 99-113	3.9	9
22	Feasibility assessment of the production of bioethanol from lignocellulosic biomass pretreated with acid mine drainage (AMD). <i>Renewable Energy</i> , <b>2020</b> , 157, 1148-1155	8.1	8

21	Optimal ceramic filtration operating conditions for an iron-ore concentrate. <i>Minerals Engineering</i> , <b>2018</b> , 115, 1-3	4.9	7
20	Evaluation of a combined lignocellulosic / waste water bio-refinery for the simultaneous production of valuable biochemical products and the remediation of acid mine drainage. <i>Biofuels, Bioproducts and Biorefining</i> , <b>2018</b> , 12, 649-664	5.3	7
19	Removal of dissolved chromium from synthetic mine effluent: A mesocosm experiment. <i>Science of the Total Environment</i> , <b>2018</b> , 637-638, 1252-1261	10.2	7
18	Heat as a hydraulic tracer for horizontal subsurface flow constructed wetlands. <i>Journal of Water Process Engineering</i> , <b>2017</b> , 16, 183-192	6.7	6
17	Global Co-occurrence of Acid Mine Drainage and Organic Rich Industrial and Domestic Effluent: Biological sulfate reduction as a co-treatment-option. <i>Journal of Water Process Engineering</i> , <b>2020</b> , 38, 101650	6.7	6
16	A comparison of charcoal- and slag-based constructed wetlands for acid mine drainage remediation. <i>Water S A</i> , <b>2013</b> , 39,	1.3	5
15	Hydraulic study of a non-steady horizontal sub-surface flow constructed wetland during start-up. <i>Science of the Total Environment</i> , <b>2019</b> , 646, 880-892	10.2	4
14	Application of the water footprinting method and water accounting framework to a base metal refining process. <i>Water S A</i> , <b>2017</b> , 43, 722	1.3	3
13	A thermodynamic approach toward defining the limits of biogas production. <i>AIChE Journal</i> , <b>2015</b> , 61, 4270-4276	3.6	3
12	A critical review of phytoremediation for acid mine drainage-impacted environments.. <i>Science of the Total Environment</i> , <b>2021</b> , 811, 152230	10.2	3
11	Review of experimental procedures and modelling techniques for flow behaviour and their relation to residence time in constructed wetlands. <i>Journal of Water Process Engineering</i> , <b>2021</b> , 41, 102044	6.7	3
10	The phytoremediation potential of water hyacinth: A case study from Hartbeespoort Dam, South Africa. <i>South African Journal of Chemical Engineering</i> , <b>2021</b> , 37, 31-36	3.2	3
9	Process for high recovery treatment of brackish water reverse osmosis concentrate. <i>Desalination</i> , <b>2021</b> , 498, 114792	10.3	3
8	Modelling of low temperature dilute sulfuric acid pre-treatment of South African grass. <i>Bioresource Technology Reports</i> , <b>2018</b> , 4, 21-28	4.1	3
7	Bioremediation of acid mine drainage using Fischer-Tropsch waste water as a feedstock for dissimilatory sulfate reduction. <i>Journal of Water Process Engineering</i> , <b>2020</b> , 35, 101229	6.7	2
6	Sugar and Steel By-Product Utilization in Acid Mine Drainage Remediation. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , <b>2020</b> , 24, 04019028	2.3	2
5	Seasonal shifts of the microbial community structure in a winery waste-impacted wetland soil. <i>Transactions of the Royal Society of South Africa</i> , <b>2011</b> , 66, 41-53	1	1
4	Performance intensification of constructed wetland technology: a sustainable solution for treatment of high-strength industrial wastewater.. <i>Water Science and Technology</i> , <b>2022</b> , 85, 1765-1782	2.2	1

- 3 Investigation into the kinetics of constructed wetland degradation processes as a precursor to biomimetic design. *Water S A*, **2017**, 43, 655 1.3
- 2 Performance of a constructed wetland treating synthetic greywater. *Bioresource Technology Reports*, **2022**, 17, 100930 4.1
- 1 A curve-shift technique for the use of non-conservative organic tracers in constructed wetlands. *Science of the Total Environment*, **2021**, 752, 141818 10.2