# Don J Mcfarlane

List of Publications by Year
in descending order



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|---|---|---|---|
| 35 papers | 1,139 citations | 361413 20 h-index | 395702 33 g-index |
| 35 all docs | 35 docs citations | 35 times ranked | 1091 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The role of experimentation in water management under climate uncertainty: Institutional barriers to social learning. Environmental Policy and Governance, 2020, 30, 319-331. | 3.7 | 13 |
| 2 | Understanding spatioâ€temporal rainfallâ€runoff changes in a semiâ€arid region.. Hydrological Processes, 2020, 34, 2510. | 2.6 | 8 |
| 3 | Inferring groundwater dynamics in a coastal aquifer near wastewater infiltration ponds and shallow wetlands (Kwinana, Western Australia) using combined hydrochemical, isotopic and statistical approaches. Journal of Hydrology, 2019, 568, 1055-1070. | 5.4 | 19 |
| 4 | Groundwater Resource Assessment and Conceptualization in the Pilbara Region, Western Australia. Earth Systems and Environment, 2018, 2, 345-365. | 6.2 | 6 |
| 5 | Monitoring land surface and cover in urban and peri-urban environments using digital aerial photography. International Journal of Digital Earth, 2016, 9, 457-475. | 3.9 | 15 |
| 6 | Feasibility assessment of desalination application in Australian traditional agriculture. Desalination, 2015, 364, 33-45. | 8.2 | 45 |
| 7 | Projected risks to groundwaterâ€dependent terrestrial vegetation caused by changing climate and groundwater abstraction in the Central Perth Basin, Western Australia. Hydrological Processes, 2014, 28, 5513-5529. | 2.6 | 27 |
| 8 | Opportunity for peri-urban Perth groundwater trade. Journal of Hydrology, 2013, 496, 89-99. | 5.4 | 23 |
| 9 | Integrated multi-agency framework: sustainable water management. Water Management, 2012, 165, 313-326. | 1.2 | 4 |
| 10 | Climate change and runoff in south-western Australia. Journal of Hydrology, 2012, 475, 441-455. | 5.4 | 130 |
| 11 | Reprint of: ``Climate change effects on water-dependent ecosystems in south-western Australia'' [J. Hydrol. 434–435 (2012) 95–109]. Journal of Hydrology, 2012, 475, 473-487. | 5.4 | 10 |
| 12 | Potential climate change impacts on groundwater resources of south-western Australia. Journal of Hydrology, 2012, 475, 456-472. | 5.4 | 75 |
| 13 | Climate change impacts on water yields and demands in south-western Australia. Journal of Hydrology, 2012, 475, 488-498. | 5.4 | 75 |
| 14 | Modelling the effects of climate and land cover change on groundwater recharge in south-west Western Australia. Hydrology and Earth System Sciences, 2012, 16, 2709-2722. | 4.9 | 48 |
| 15 | Potential climate change impacts on the water balance of regional unconfined aquifer systems in south-western Australia. Hydrology and Earth System Sciences, 2012, 16, 4581-4601. | 4.9 | 32 |
| 16 | Climate change effects on water-dependent ecosystems in south-western Australia. Journal of Hydrology, 2012, 434-435, 95-109. | 5.4 | 62 |
| 17 | Managing groundwater levels in the face of uncertainty and change: a case study from Gnangara. Water Science and Technology: Water Supply, 2012, 12, 321-328. | 2.1 | 14 |
| 18 | A Methodology to Estimate the Future Extent of Dryland Salinity in the Southwest of Western Australia. Journal of Environmental Quality, 2010, 39, 26-34. | 2.0 | 26 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Using treated wastewater to save wetlands impacted by climate change and pumping. Water Science and Technology, 2009, 59, 213-221. | 2.5 | 4 |
| 20 | A decision support system for sustainable groundwater management. Case study: Gnangara sustainability strategy â€“ Western Australia. WIT Transactions on Ecology and the Environment, 2009, , . | 0.0 | 7 |
| 21 | A Survey of Soil Erosion in Australia using Caesium-137. Geographical Research, 2004, 42, 221-233. | 0.6 | 47 |
| 22 | An overview of water logging and salinity in southwestern Australia as related to the â€˜Ucarroâ€™ experimental catchment. Agricultural Water Management, 2002, 53, 5-29. | 5.6 | 93 |
| 23 | Rethinking the externality issue for dryland salinity in Western Australia. Australian Journal of Agricultural and Resource Economics, 2001, 45, 459-475. | 2.6 | 30 |
| 24 | Modelling subsurface flow conditions in a salinized catchment in south-western Australia, with a view to improving management practices. Hydrological Processes, 1999, 13, 2689-2703. | 2.6 | 4 |
| 25 | Flow systems, tree plantations, and salinisation in a Western Australian catchment. Soil Research, 1997, 35, 1213. | 1.1 | 30 |
| 26 | The causes of waterlogging in shallow soils and their drainage in southwestern Australia. Journal of Hydrology, 1995, 167, 175-194. | 5.4 | 67 |
| 27 | Field-evaluation of DRAINMOD for predicting waterlogging intensity and drain performance in South-Western Australia. Soil Research, 1994, 32, 653. | 1.1 | 32 |
| 28 | Can perennial pastures provide the basis for a sustainable farming system in southern Australia?. New Zealand Journal of Agricultural Research, 1994, 37, 287-294. | 1.6 | 28 |
| 29 | The Distribution of Caesium-137 in Rangeland Soils at Three Sites in Western Australia.. Rangeland Journal, 1993, 15, 24. | 0.9 | 2 |
| 30 | Factors affecting dryland salinity in two wheat belt catchments in Western Australia. Soil Research, 1992, 30, 85. | 1.1 | 47 |
| 31 | Management of excess water in duplex soils. Australian Journal of Experimental Agriculture, 1992, 32, 857. | 1.0 | 40 |
| 32 | The effect of agricultural development on the physical and hydraulic properties of four Western Australian soils. Soil Research, 1992, 30, 517. | 1.1 | 12 |
| 33 | Soil erosion of agricultural land in Western Australia estimated by cesium-137. Soil Research, 1992, 30, 533. | 1.1 | 21 |
| 34 | The influence of dolerite dykes on saline seeps in southwestern Australia. Soil Research, 1987, 25, 125. | 1.1 | 42 |
| 35 | Water resources planning in a drying climate in the south-west of Western Australia. Australian Journal of Water Resources, 0, , 1-12. | 2.7 | 1 |