

Ian P Prosser

List of Publications by Year in descending order

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50
papers

3,400
citations

136950

32
h-index

206112

48
g-index

50
all docs

50
docs citations

50
times ranked

3113
citing authors

#	ARTICLE	IF	CITATIONS
1	Water quality: Land use impacts on salinity, sediments, and nutrients. , 2021, , 109-135.		2
2	Adapting Water Management to Climate Change in the Murrayâ€“Darling Basin, Australia. Water (Switzerland), 2021, 13, 2504.	2.7	28
3	Australia is 'free to choose' economic growth and falling environmental pressures. Nature, 2016, 534, S1-S2.	27.8	4
4	Australia is â€“free to chooseâ€™ economic growth and falling environmental pressures. Nature, 2015, 527, 49-53.	27.8	130
5	Gully erosion prediction across a large region: Murray - Darling Basin, Australia. Soil Research, 2012, 50, 267.	1.1	23
6	Modelling and testing spatially distributed sediment budgets to relate erosion processes to sediment yields. Environmental Modelling and Software, 2009, 24, 489-501.	4.5	134
7	Modelling the impact of land-use change and farm dam construction on hillslope sediment delivery to rivers at the regional scale. Geomorphology, 2008, 98, 199-212.	2.6	54
8	Predicting the spatial patterns of hillslope sediment delivery to river channels in the Murrumbidgee catchment, Australia. Journal of Hydrology, 2007, 334, 440-454.	5.4	102
9	Very-broad-scale assessment of human impacts on river condition. Freshwater Biology, 2007, 52, 959-976.	2.4	60
10	Predicting the distribution of bed material accumulation using river network sediment budgets. Water Resources Research, 2006, 42, .	4.2	56
11	Modelling sediment delivery ratio over the Murray Darling Basin. Environmental Modelling and Software, 2006, 21, 1297-1308.	4.5	123
12	Performance of grass and eucalyptus riparian buffers in a pasture catchment, Western Australia, part 1: riparian hydrology. Hydrological Processes, 2006, 20, 2309-2326.	2.6	11
13	Performance of grass and eucalyptus riparian buffers in a pasture catchment, Western Australia, part 2: water quality. Hydrological Processes, 2006, 20, 2327-2346.	2.6	21
14	Modelling sources of sediment at sub-catchment scale: An example from the Burdekin catchment, North Queensland, Australia. Mathematics and Computers in Simulation, 2005, 69, 90-102.	4.4	23
15	Sources of sediment to the Great Barrier Reef World Heritage Area. Marine Pollution Bulletin, 2005, 51, 200-211.	5.0	148
16	Regional scale nutrient modelling: exports to the Great Barrier Reef World Heritage Area. Marine Pollution Bulletin, 2005, 51, 186-199.	5.0	49
17	The relationship between sediment and water quality, and riverine sediment loads in the wave-dominated estuaries of south-west Western Australia. Marine and Freshwater Research, 2004, 55, 581.	1.3	9
18	Performance of grass and rainforest riparian buffers in the wet tropics, Far North Queensland. 2. Water quality. Soil Research, 2004, 42, 485.	1.1	42

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19	Investment prioritization based on broadscale spatial budgeting to meet downstream targets for suspended sediment loads. <i>Water Resources Research</i> , 2004, 40, .	4.2	36
20	Performance of grass and rainforest riparian buffers in the wet tropics, Far North Queensland. 1. Riparian hydrology. <i>Soil Research</i> , 2004, 42, 473.	1.1	16
21	Sensitivity analysis for assessing the behaviour of a landscape-based sediment source and transport model. <i>Environmental Modelling and Software</i> , 2003, 18, 741-751.	4.5	37
22	Before and after riparian management: sediment and nutrient exports from a small agricultural catchment, Western Australia. <i>Journal of Hydrology</i> , 2003, 270, 253-272.	5.4	165
23	Predicting sheetwash and rill erosion over the Australian continent. <i>Soil Research</i> , 2003, 41, 1037.	1.1	130
24	A Late Pleistocene vegetation history from the Australian semi-arid zone. <i>Quaternary Science Reviews</i> , 2002, 21, 1023-1037.	3.0	41
25	Relative changes in sediment supply and sediment transport capacity in a bedrock-controlled river. <i>Water Resources Research</i> , 2001, 37, 3307-3320.	4.2	17
26	Large-scale patterns of erosion and sediment transport in river networks, with examples from Australia. <i>Marine and Freshwater Research</i> , 2001, 52, 81.	1.3	221
27	In-stream wetlands and their significance for channel filling and the catchment sediment budget, Jugiong Creek, New South Wales. <i>Geomorphology</i> , 2001, 38, 221-235.	2.6	57
28	A late Quaternary record of environmental change and human impact from New Caledonia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2001, 168, 97-123.	2.3	45
29	Corrigendum to: Large-scale patterns of erosion and sediment transport in river networks, with examples from Australia. <i>Marine and Freshwater Research</i> , 2001, 52, 817.	1.3	9
30	Spatial patterns of sediment delivery to valley floors: sensitivity to sediment transport capacity and hillslope hydrology relations. <i>Hydrological Processes</i> , 2001, 15, 1003-1018.	2.6	34
31	Bank erosion of an incised upland channel by subaerial processes: Tasmania, Australia. <i>Earth Surface Processes and Landforms</i> , 2000, 25, 1085-1101.	2.5	79
32	Sediment transport capacity relations for overland flow. <i>Progress in Physical Geography</i> , 2000, 24, 179-193.	3.2	190
33	Sediment transport capacity relations for overland flow. <i>Progress in Physical Geography</i> , 2000, 24, 179-193.	3.2	29
34	Increased erosion hazard resulting from log-row construction during conversion to plantation forest. <i>Forest Ecology and Management</i> , 1999, 123, 145-155.	3.2	11
35	The effect of wildfire on runoff and erosion in native Eucalyptus forest. <i>Hydrological Processes</i> , 1998, 12, 251-265.	2.6	257
36	Influence of invasive macrophytes on channel morphology and hydrology in an open tropical lowland stream, and potential control by riparian shading. <i>Freshwater Biology</i> , 1998, 39, 171-178.	2.4	111

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37	Controls on gully formation following forest clearing in a humid temperate environment. <i>Water Resources Research</i> , 1998, 34, 3661-3671.	4.2	55
38	Predicting the Topographic Limits to a Gully Network Using a Digital Terrain Model and Process Thresholds. <i>Water Resources Research</i> , 1996, 32, 2289-2298.	4.2	87
39	Flow resistance and sediment transport by concentrated overland flow in a grassland valley. <i>Geomorphology</i> , 1995, 13, 71-86.	2.6	167
40	A chronosequence of rapid leaching of mixed podzol soil materials following sand mining. <i>Geoderma</i> , 1995, 64, 297-308.	5.1	26
41	Field Experiments on Erosion by Overland Flow and Their Implication for a Digital Terrain Model of Channel Initiation. <i>Water Resources Research</i> , 1995, 31, 2867-2876.	4.2	77
42	Flow resistance and sediment transport by concentrated overland flow in a grassland valley. , 1995, , 71-86.		11
43	Gully formation and the role of valley-floor vegetation, southeastern Australia. <i>Geology</i> , 1994, 22, 1127.	4.4	158
44	Holocene valley aggradation and gully erosion in headwater catchments, south-eastern highlands of Australia. <i>Earth Surface Processes and Landforms</i> , 1994, 19, 465-480.	2.5	118
45	A comparison of soil acidification and aluminum under Eucalyptus forest and unimproved pasture. <i>Soil Research</i> , 1993, 31, 245.	1.1	13
46	Humans and megafauna in a late Pleistocene environment from Cuddie Springs, north western New South Wales. <i>Archaeology in Oceania</i> , 1993, 28, 94-99.	0.7	48
47	AMS Dating of Alluvial Sediments on the Southern Tablelands of New South Wales, Australia. <i>Radiocarbon</i> , 1992, 34, 29-36.	1.8	33
48	A Comparison of Past and Present Episodes of Gully Erosion at Wangrah Creek, Southern Tablelands, New South Wales. <i>Geographical Research</i> , 1991, 29, 139-154.	0.6	54
49	Fire, Humans and Denudation at Wangrah Creek, Southern Tablelands, N.S.W.. <i>Geographical Research</i> , 1990, 28, 77-95.	0.6	40
50	Vegetation communities and the empty pore space of soils as indicators of catchment hydrology. <i>Catena</i> , 1988, 15, 393-405.	5.0	9