

Erick A Bestland

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

976
citations

430874

18
h-index

454955

30
g-index

41
all docs

41
docs citations

41
times ranked

1121
citing authors

#	ARTICLE	IF	CITATIONS
1	Variation in performance of surfactant loading and resulting nitrate removal among four selected natural zeolites. <i>Journal of Hazardous Materials</i> , 2010, 183, 616-621.	12.4	91
2	Soil Organic Matter Decomposition and Turnover in a Tropical Ultisol: Evidence from $\delta^{13}\text{C}$, $\delta^{15}\text{N}$ and Geochemistry. <i>Radiocarbon</i> , 2002, 44, 93-112.	1.8	84
3	Fractured bedrock and saprolite hydrogeologic controls on groundwater/surface-water interaction: a conceptual model (Australia). <i>Hydrogeology Journal</i> , 2009, 17, 1969-1989.	2.1	83
4	Laboratory assessment of factors affecting soil clogging of soil aquifer treatment systems. <i>Water Research</i> , 2011, 45, 3153-3163.	11.3	83
5	Age and origin of Terra Rossa soils in the Coonawarra area of South Australia. <i>Geomorphology</i> , 2004, 58, 1-25.	2.6	51
6	Miocene paleosols and habitats of Proconsul on Rusinga Island, Kenya. <i>Journal of Human Evolution</i> , 1995, 29, 53-91.	2.6	47
7	Stepwise Climate Change Recorded in Eocene–Oligocene Paleosol Sequences From Central Oregon. <i>Journal of Geology</i> , 1997, 105, 153-172.	1.4	42
8	Late Eocene detrital laterites in central Oregon: Mass balance geochemistry, depositional setting, and landscape evolution. <i>Bulletin of the Geological Society of America</i> , 1996, 108, 285-302.	3.3	41
9	Eocene and Oligocene Paleosols of Central Oregon. , 1999, , .		36
10	Palaeoenvironments of Early Miocene Kisingiri volcano Proconsul sites: evidence from carbon isotopes, palaeosols and hydromagmatic deposits. <i>Journal of the Geological Society</i> , 1999, 156, 965-976.	2.1	34
11	Distinguishing sources of base cations in irrigated and natural soils: evidence from strontium isotopes. <i>Biogeochemistry</i> , 2004, 68, 199-225.	3.5	33
12	Geochemistry ($\delta^{13}\text{C}$, $\delta^{15}\text{N}$, ^{13}C NMR) and residence times (^{14}C and OSL) of soil organic matter from red-brown earths of South Australia: Implications for soil genesis. <i>Geoderma</i> , 2006, 132, 344-360.	5.1	33
13	Sedimentology and paleopedology of Miocene alluvial deposits at the Pa��alar Hominoid site, Western Turkey. <i>Journal of Human Evolution</i> , 1990, 19, 363-377.	2.6	27
14	Late Pleistocene environmental change interpreted from $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ of tooth enamel from the Black Creek Swamp Megafauna site, Kangaroo Island, South Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 291, 319-327.	2.3	24
15	Weathering flux and CO ₂ consumption determined from palaeosol sequences across the Eocene–Oligocene transition. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000, 156, 301-326.	2.3	23
16	Origin of the sedimentary deposits of the Naracoorte Caves, South Australia. <i>Geomorphology</i> , 2007, 86, 369-392.	2.6	22
17	A cautionary tale from down under: Dating the BlackCreek Swamp megafauna site on Kangaroo Island, South Australia. <i>Quaternary Geochronology</i> , 2006, 1, 142-150.	1.4	21
18	Palaeoenvironmental reconstruction of the Late Pleistocene to Early Holocene Robertson Cave sedimentary deposit, Naracoorte, South Australia. <i>Australian Journal of Earth Sciences</i> , 2007, 54, 541-559.	1.0	19

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19	Groundwater dependent pools in seasonal and permanent streams in the Clare Valley of South Australia. <i>Journal of Hydrology: Regional Studies</i> , 2017, 9, 216-235.	2.4	18
20	A Miocene Gilbert-type fan-delta from a volcanically influenced lacustrine basin, Rusinga Island, Lake Victoria, Kenya. <i>Journal of the Geological Society</i> , 1991, 148, 1067-1078.	2.1	15
21	Application of sedimentary and chronological analyses to refine the depositional context of a Late Pleistocene vertebrate deposit, Naracoorte, South Australia. <i>Quaternary Science Reviews</i> , 2011, 30, 2690-2702.	3.0	15
22	Cycles of Doming and Eruption of the Miocene Kisingiri Volcano, Southwest Kenya. <i>Journal of Geology</i> , 1995, 103, 598-607.	1.4	13
23	Particle-size effects on dissolved arsenic adsorption to an Australian laterite. <i>Environmental Earth Sciences</i> , 2013, 68, 2301-2312.	2.7	11
24	Alluvial Terraces and Paleosols as Indicators of Early Oligocene Climate Change (John Day Formation, Oregon.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.8	9
25	Palaeoenvironmental mosaic of Proconsul habitats: geochemical and sedimentological interpretation of Kisingiri fossil sites, Western Kenya. <i>Journal of African Earth Sciences</i> , 2004, 39, 63-79.	2.0	9
26	Guano-derived deposits within the sandy cave fills of Naracoorte, South Australia. <i>Alcheringa</i> , 2006, 30, 129-146.	1.2	9
27	Preliminary ¹⁴ C Dates on Bulk Soil Organic Matter from the Black Creek Megafauna Fossil Site, Rocky River, Kangaroo Island, South Australia. <i>Radiocarbon</i> , 2004, 46, 437-443.	1.8	8
28	Down-slope change in soil hydrogeochemistry due to seasonal water table rise: Implications for groundwater weathering. <i>Catena</i> , 2013, 111, 122-131.	5.0	8
29	Chronology, stratigraphy and palaeoenvironmental interpretation of a Late Pleistocene to mid-Holocene cave accumulation on Kangaroo Island, South Australia. <i>Boreas</i> , 2013, 42, 974-994.	2.4	8
30	Fossil Andisols Identified with Mass-Balance Geochemistry (Oligocene John Day Formation, Oregon.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.6	7
31	Late Pleistocene megafauna site at Black Creek Swamp, Flinders Chase National Park, Kangaroo Island, South Australia. <i>Alcheringa</i> , 2006, 30, 367-387.	1.2	7
32	Arsenic remediation by Australian laterites. <i>Environmental Earth Sciences</i> , 2011, 64, 247-253.	2.7	7
33	Paleoenvironments of sedimentary interbeds in the Pliocene and Quaternary Big Lost Trough, eastern Snake River Plain, Idaho. , 2002, , .		6
34	Salinity balance and historical flushing quantified in a high-rainfall catchment (Mount Lofty Ranges, South Australia.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	2.1	6
35	Alluvial aquifer recharge enhanced by a natural dam: feasibility assessment based on multidisciplinary characterization (Khuzestan, Southwest Iran). <i>Environmental Earth Sciences</i> , 2009, 59, 51-61.	2.7	5
36	Chronology and organic chemistry of the Black Creek Swamp Megafauna site (Late Pleistocene), Kangaroo Island, Australia. <i>Boreas</i> , 2009, 38, 705-717.	2.4	4

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37	Catchment-scale denudation and chemical erosion rates determined from ^{10}Be and mass balance geochemistry (Mt. Lofty Ranges of South Australia). <i>Geomorphology</i> , 2016, 270, 40-54.	2.6	4
38	A groundwater salinity hotspot and its connection to an intermittent stream identified by environmental tracers (Mt Lofty Ranges, South Australia). <i>Hydrogeology Journal</i> , 2017, 25, 2435-2451.	2.1	4
39	Stable isotope record ($\delta^{18}\text{O}$ and $\delta^{13}\text{C}$) of a Naracoorte Caves speleothem from before and after the Last Interglacial. <i>Alcheringa</i> , 2006, 30, 19-29.	1.2	3
40	Catchment-scale groundwater-flow and recharge paradox revealed from base flow analysis during the Australian Millennium Drought (Mt Lofty Ranges, South Australia). <i>Hydrogeology Journal</i> , 2021, 29, 963-983.	2.1	3
41	Evidence for biocycling from Ba/Ca, Sr/Ca, and $^{87}\text{Sr}/^{86}\text{Sr}$ in soils (Red Brown Earths) from South Australia. <i>Soil Research</i> , 2009, 47, 154.	1.1	3