

Stuart Black

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7849323/publications.pdf>

Version: 2024-02-01

81
papers

4,616
citations

101543

36
h-index

98798

67
g-index

81
all docs

81
docs citations

81
times ranked

4766
citing authors

#	ARTICLE	IF	CITATIONS
1	Ancient Human Genomes and Environmental DNA from the Cement Attaching 2,000-Year-Old Head Lice Nits. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	10
2	Portable gamma ray spectrometry for archaeological prospection: A preliminary investigation at Silchester Roman Town. <i>Archaeological Prospection</i> , 2022, 29, 353-367.	2.2	1
3	New insights into Late Devensian Lateglacial and early Holocene environmental change: Two high-resolution case studies from SE England. <i>Review of Palaeobotany and Palynology</i> , 2021, 287, 104364.	1.5	2
4	Bog Microtopography and the Climatic Sensitivity of Testate Amoeba Communities: Implications for Transfer Function-Based Paleo-Water Table Reconstructions. <i>Microbial Ecology</i> , 2020, 80, 309-321.	2.8	2
5	Climate and vegetation dynamics of the Northern Apennines (Italy) during the Late Pleistocene and Holocene. <i>Quaternary Science Reviews</i> , 2020, 231, 106206.	3.0	8
6	Multi-method solutions to the problem of dating early trackways and associated colluvial sequences. <i>Journal of Archaeological Science: Reports</i> , 2020, 32, 102359.	0.5	1
7	Evidence for the onset of mining activities during the 13th century in Poland using lead isotopes from lake sediment cores. <i>Science of the Total Environment</i> , 2019, 683, 589-599.	8.0	4
8	The Baltic Crusades and ecological transformation: The zooarchaeology of conquest and cultural change in the Eastern Baltic in the second millennium AD. <i>Quaternary International</i> , 2019, 510, 28-43.	1.5	5
9	Late-Medieval Horse Remains at C��sis Castle, Latvia, and the Teutonic Order��s Equestrian Resources in Livonia. <i>Medieval Archaeology</i> , 2018, 62, 351-379.	0.5	4
10	Carbon isotope fractionation between amorphous calcium carbonate and calcite in earthworm-produced calcium carbonate. <i>Applied Geochemistry</i> , 2017, 78, 351-356.	3.0	17
11	Reconstructing the accumulation history of a saltmarsh sediment core: Which age-depth model is best?. <i>Quaternary Geochronology</i> , 2017, 39, 35-67.	1.4	30
12	The environmental setting of Epipalaeolithic aggregation site Kharaneh IV. <i>Quaternary International</i> , 2016, 396, 95-104.	1.5	25
13	Evidence of resilience to past climate change in Southwest Asia: Early farming communities and the 9.2 and 8.2��ka events. <i>Quaternary Science Reviews</i> , 2016, 136, 23-39.	3.0	116
14	The Neolithisation of Liguria (NW Italy): An environmental archaeological and palaeoenvironmental perspective. <i>Environmental Archaeology</i> , 2014, 19, 196-213.	1.2	19
15	Biology as an Agent of Chemical and Mineralogical Change in Soil. <i>Procedia Earth and Planetary Science</i> , 2014, 10, 114-117.	0.6	6
16	Understanding 2H/1H systematics of leaf wax n-alkanes in coastal plants at Stiffkey saltmarsh, Norfolk, UK. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 128, 13-28.	3.9	50
17	Environmental controls on the production of calcium carbonate by earthworms. <i>Soil Biology and Biochemistry</i> , 2014, 70, 159-161.	8.8	30
18	Earthworm-produced calcite granules: A new terrestrial palaeothermometer?. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 123, 351-357.	3.9	10

#	ARTICLE	IF	CITATIONS
19	Sediment fingerprinting as an environmental forensics tool explaining cyanobacteria blooms in lakes. <i>Applied Geography</i> , 2012, 32, 832-843.	3.7	29
20	Lichens Used as Monitors of Atmospheric Pollution Around Agadir (Southwestern Morocco)â€”A Case Study Predating Lead-Free Gasoline. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 1263-1274.	2.4	17
21	The Epipalaeolithic (Iberomaurusian) at Grotte des Pigeons (Taforalt), Morocco: A preliminary study of the land Mollusca. <i>Quaternary International</i> , 2011, 244, 5-14.	1.5	31
22	Palaeoenvironmental reconstruction at Beidha, southern Jordan (<i>c</i>. 18,000â€”8,500 BP): Implications for human occupation during the Natufian and Pre-Pottery Neolithic. , 2011, , 245-268.		5
23	Stubs Versus Swabs? A Comparison of Gunshot Residue Collection Techniques. <i>Journal of Forensic Sciences</i> , 2010, 55, 753-756.	1.6	24
24	The timing of Quaternary calcrete development in semi-arid southeast Spain: Investigating the role of climate on calcrete genesis. <i>Sedimentary Geology</i> , 2009, 218, 6-15.	2.1	60
25	Aqueous geochemistry and oxygen isotope compositions of acid mine drainage from the RÃo Tinto, SW Spain, highlight inconsistencies in current models. <i>Chemical Geology</i> , 2009, 265, 321-334.	3.3	65
26	Hydrochemical variations and contaminant load in the RÃo Tinto (Spain) during flood events. <i>Journal of Hydrology</i> , 2008, 350, 25-40.	5.4	97
27	Recent habitat degradation in karstic Lake Uluabat, western Turkey: A coupled limnologicalâ€”palaeolimnological approach. <i>Biological Conservation</i> , 2008, 141, 2765-2783.	4.1	20
28	Secondary uranium mineralization in southern Finland and its relationship to recent glacial events. <i>Global and Planetary Change</i> , 2008, 60, 235-249.	3.5	15
29	A review of studies performed to assess metal uptake by earthworms. <i>Environmental Pollution</i> , 2007, 145, 402-424.	7.5	263
30	Effects of metals on life cycle parameters of the earthworm <i>Eisenia fetida</i> exposed to field-contaminated, metal-polluted soils. <i>Environmental Pollution</i> , 2007, 149, 44-58.	7.5	95
31	Tracing pre-eruptive magma degassing using (²¹⁰ Pb/ ²²⁶ Ra) disequilibria in the volcanic deposits of the 1980â€”1986 eruption of Mount St. Helens. <i>Earth and Planetary Science Letters</i> , 2006, 249, 337-349.	4.4	38
32	A review of palaeoclimates and palaeoenvironments in the Levant and Eastern Mediterranean from 25,000 to 5000 years BP: setting the environmental background for the evolution of human civilisation. <i>Quaternary Science Reviews</i> , 2006, 25, 1517-1541.	3.0	237
33	Naturally occurring radioactive material (NORM) from a former phosphoric acid processing plant. <i>Journal of Environmental Radioactivity</i> , 2006, 86, 289-312.	1.7	37
34	Detection of U(VI) on the surface of altered depleted uranium by time-resolved laser-induced fluorescence spectroscopy (TRLFS). <i>Science of the Total Environment</i> , 2006, 366, 905-909.	8.0	28
35	U-series isochron dating of immature and mature calcretes as a basis for constructing Quaternary landform chronologies for the Sorbas basin, southeast Spain. <i>Quaternary Research</i> , 2005, 64, 100-111.	1.7	71
36	Survival, Pb-uptake and behaviour of three species of earthworm in Pb treated soils determined using an OECD-style toxicity test and a soil avoidance test. <i>Environmental Pollution</i> , 2005, 138, 368-375.	7.5	93

#	ARTICLE	IF	CITATIONS
37	Onset of recent rapid sea-level rise in the western Atlantic Ocean. <i>Quaternary Science Reviews</i> , 2005, 24, 2083-2100.	3.0	182
38	Water table decline, springline desiccation and the early development of irrigated agriculture in the Wādī al-Ajāf, Libyan Fazzān. <i>Libyan Studies</i> , 2004, 35, 95-112.	0.1	38
39	Implementation of a strategy for managing radioactive scale in the China Clay industry. <i>Minerals Engineering</i> , 2004, 17, 293-304.	4.3	9
40	Industrial radioactive barite scale: suppression of radium uptake by introduction of competing ions. <i>Minerals Engineering</i> , 2004, 17, 323-330.	4.3	26
41	Characterisation of depleted uranium (DU) from an unfired CHARM-3 penetrator. <i>Science of the Total Environment</i> , 2004, 327, 337-340.	8.0	27
42	Quantifying time scales of pedogenic calcrete formation using U-series disequilibria. <i>Sedimentary Geology</i> , 2004, 170, 177-187.	2.1	71
43	Geochemical Precursors to Volcanic Activity at Mount St. Helens, USA. <i>Science</i> , 2004, 306, 1167-1169.	12.6	99
44	^{210}Pb – ^{226}Ra and ^{228}Ra – ^{232}Th systematics in young arc lavas: implications for magma degassing and ascent rates. <i>Earth and Planetary Science Letters</i> , 2004, 227, 1-16.	4.4	48
45	Interpreting the response of a dryland river system to Late Quaternary climate change. <i>Quaternary Science Reviews</i> , 2004, 23, 2513-2523.	3.0	41
46	Differentiating Bone Osteonal Turnover Rates By Density Fractionation; Validation Using the Bomb ^{14}C Atmospheric Pulse. <i>Radiocarbon</i> , 2004, 46, 853-861.	1.8	26
47	Calcrete profile development in Quaternary alluvial sequences, southeast Spain: implications for using calcretes as a basis for landform chronologies. <i>Earth Surface Processes and Landforms</i> , 2003, 28, 169-185.	2.5	53
48	Fe-sulphate-rich evaporative mineral precipitates from the Río Tinto, southwest Spain. <i>Mineralogical Magazine</i> , 2003, 67, 263-278.	1.4	162
49	Is the OECD acute worm toxicity test environmentally relevant? The effect of mineral form on calculated lead toxicity. <i>Environmental Pollution</i> , 2003, 121, 49-54.	7.5	61
50	The influence of time on lead toxicity and bioaccumulation determined by the OECD earthworm toxicity test. <i>Environmental Pollution</i> , 2003, 121, 55-61.	7.5	58
51	The influence of mineral solubility and soil solution concentration on the toxicity of copper to <i>Eisenia fetida</i> Savigny. <i>Pedobiologia</i> , 2003, 47, 622-632.	1.2	7
52	Development of a methodology to investigate the importance of chemical speciation on the bioavailability of contaminants to <i>Eisenia andrei</i> . <i>Pedobiologia</i> , 2003, 47, 633-639.	1.2	6
53	A preliminary investigation into mining and smelting impacts on trace element concentrations in the soils and vegetation around Tharsis, SW Spain. <i>Mineralogical Magazine</i> , 2003, 67, 279-288.	1.4	23
54	The influence of mineral solubility and soil solution concentration on the toxicity of copper to <i>Eisenia fetida</i> Savigny The 7th international symposium on earthworm ecology Å· Cardiff Å· Wales Å· 2002. <i>Pedobiologia</i> , 2003, 47, 622-632.	1.2	40

#	ARTICLE	IF	CITATIONS
55	Development of a methodology to investigate the importance of chemical speciation on the bioavailability of contaminants to <i>Eisenia andrei</i> The 7th international symposium on earthworm ecology Å Cardiff Å Wales Å 2002. <i>Pedobiologia</i> , 2003, 47, 633-639.	1.2	16
56	Rapid sea-level rise in the Gulf of Maine, USA, since AD 1800. <i>Holocene</i> , 2002, 12, 383-389.	1.7	87
57	Correlation of fluvial sequences in the Mediterranean basin over the last 200ka and their relationship to climate change. <i>Quaternary Science Reviews</i> , 2002, 21, 1633-1641.	3.0	201
58	Changes in toxicity and bioavailability of lead in contaminated soils to the earthworm <i>Eisenia fetida</i> (savigny 1826) after bone meal amendments to the soil. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 2685-2691.	4.3	20
59	Wet Conditions during the Last Glaciation in the Chihuahuan Desert, Alta Babicora Basin, Mexico. <i>Quaternary Research</i> , 2002, 57, 91-101.	1.7	107
60	CHANGES IN TOXICITY AND BIOAVAILABILITY OF LEAD IN CONTAMINATED SOILS TO THE EARTHWORM <i>EISENIA FETIDA</i> (SAVIGNY 1826) AFTER BONE MEAL AMENDMENTS TO THE SOIL. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 2685.	4.3	5
61	Plume-Lithosphere Interactions in the Generation of the Basalts of the Kenya Rift, East Africa. <i>Journal of Petrology</i> , 2001, 42, 877-900.	2.8	164
62	An estimation of the post-mortem interval in human skeletal remains: a radionuclide and trace element approach. <i>Forensic Science International</i> , 2001, 117, 73-87.	2.2	48
63	The tempo of Holocene climatic change in the eastern Mediterranean region: new high-resolution crater-lake sediment data from central Turkey. <i>Holocene</i> , 2001, 11, 721-736.	1.7	308
64	Calcareous concretions yield the first U/Th date for the Late Devonian raised marine strata of eastern Scotland. <i>Scottish Journal of Geology</i> , 2001, 37, 73-78.	0.1	3
65	Holocene river development and environmental change in Upper Wharfedale, Yorkshire Dales, England. , 2000, 15, 239-252.		33
66	Quaternary environmental change in Cyrenaica evidenced by U-Th, ESR and OSL dating of coastal alluvial fan sequences. <i>Libyan Studies</i> , 2000, 31, 5-16.	0.1	25
67	A calcrete-based U/Th chronology for landform evolution in the Sorbas basin, southeast Spain. <i>Quaternary Science Reviews</i> , 2000, 19, 995-1010.	3.0	72
68	Evaporite Minerals and Organic Horizons in Sedimentary Sequences in the Libyan Fezzan: Implications for Palaeoenvironmental Reconstruction. <i>Advances in Global Change Research</i> , 2000, , 193-208.	1.6	6
69	Reconstruction of climatic changes during the Late Pleistocene, based on sediment records from the Konya Basin (Central Anatolia, Turkey). <i>Geological Journal</i> , 1999, 34, 175-198.	1.3	54
70	Chronology and stratigraphy of Late Quaternary sediments in the Konya Basin, Turkey: Results from the KOPAL Project. <i>Quaternary Science Reviews</i> , 1999, 18, 611-630.	3.0	127
71	Resistance to arsenic-toxicity in a population of the earthworm <i>Lumbricus rubellus</i> . <i>Soil Biology and Biochemistry</i> , 1999, 31, 1963-1967.	8.8	105
72	U-series disequilibria in young (A.D. 1944) Vesuvius rocks: Preliminary implications for magma residence times and volatile addition. <i>Journal of Volcanology and Geothermal Research</i> , 1998, 82, 97-111.	2.1	34

#	ARTICLE	IF	CITATIONS
73	Identification and dating of tephra layers from Quaternary sedimentary sequences of Inner Anatolia, Turkey. <i>Journal of Volcanology and Geothermal Research</i> , 1998, 85, 153-172.	2.1	55
74	Open system alkaline magmatism in northern Kenya: evidence from U-series disequilibria and radiogenic isotopes. <i>Contributions To Mineralogy and Petrology</i> , 1998, 131, 364-378.	3.1	25
75	The role of magma mixing in triggering the current eruption at the Soufriere Hills Volcano, Montserrat, West Indies. <i>Geophysical Research Letters</i> , 1998, 25, 3433-3436.	4.0	182
76	Crustal Origin for Peralkaline Rhyolites from Kenya: Evidence from U-Series Disequilibria and Th-Isotopes. <i>Journal of Petrology</i> , 1997, 38, 277-297.	2.8	84
77	Crustal Origin for Peralkaline Rhyolites from Kenya: Evidence from U-Series Disequilibria and Th-Isotopes. <i>Journal of Petrology</i> , 1997, 38, 277-297.	2.8	20
78	U-series isotopes and destructive plate margin magma genesis in the Lesser Antilles. <i>Earth and Planetary Science Letters</i> , 1996, 142, 191-207.	4.4	214
79	Liquid immiscibility between trachyte and carbonate in ash flow tuffs from Kenya. <i>Contributions To Mineralogy and Petrology</i> , 1993, 114, 276-287.	3.1	76
80	Palaeoenvironmental and limnological reconstruction of Lake Lisan and the Dead Sea. , 0, , 113-128.		2
81	Using proxy data, historical climate data and climate models to investigate aridification during the Holocene. , 0, , 105-112.		1