

Kevin Butt

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

2,907
citations

257101

24
h-index

174990

52
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docs citations

87
times ranked

2546
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial discordance and patterns of reproductive isolation in a complex of simultaneously hermaphroditic species, the <i>Allolobophora chlorotica</i> case study. <i>Journal of Evolutionary Biology</i> , 2022, 35, 831-843.	0.8	1
2	Mechanistic Effect Modeling of Earthworms in the Context of Pesticide Risk Assessment: Synthesis of the FORESEE Workshop. <i>Integrated Environmental Assessment and Management</i> , 2021, 17, 352-363.	1.6	18
3	Earthworms in past and present agricultural landscapes of Hebridean Scotland. <i>European Journal of Soil Biology</i> , 2021, 104, 103273.	1.4	2
4	Earthworms in soil ecology and organic waste management. <i>Pedosphere</i> , 2021, 31, 373-374.	2.1	1
5	Community structure of Lumbricidae in beech woodland of the Bieszczady National Park, Southeast Poland. <i>Pedosphere</i> , 2021, 31, 391-397.	2.1	0
6	Earthworm community development in soils of a reclaimed steelworks. <i>Pedosphere</i> , 2021, 31, 384-390.	2.1	2
7	Field and laboratory investigations of <i>Lumbricus badensis</i> ecology and behaviour. <i>Pedosphere</i> , 2021, 31, 471-474.	2.1	0
8	Use of Vermicompost from Sugar Beet Pulp in Cultivation of Peas (<i>Pisum sativum</i> L.). <i>Agriculture (Switzerland)</i> , 2021, 11, 919.	1.4	6
9	Garlic (<i>Allium sativum</i> L.) Cultivation Using Vermicompost-Amended Soil as an Aspect of Sustainable Plant Production. <i>Sustainability</i> , 2021, 13, 13557.	1.6	2
10	Aspects of the ecology of the earthworm <i>Eisenia lucens</i> (Waga 1857) studied in the field and in laboratory culture. <i>Environmental Science and Pollution Research</i> , 2020, 27, 33486-33492.	2.7	1
11	Contrasting effects of cover crops on earthworms: Results from field monitoring and laboratory experiments on growth, reproduction and food choice. <i>European Journal of Soil Biology</i> , 2020, 100, 103225.	1.4	13
12	Properties of Vermicomposts Derived from Cameroon Sheep Dung. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5048.	1.3	6
13	Effects of Vermireactor Modifications on the Welfare of Earthworms <i>Eisenia fetida</i> (Sav.) and Properties of Vermicomposts. <i>Agriculture (Switzerland)</i> , 2020, 10, 481.	1.4	4
14	Effects of Owinema Bio-Preparation on Vermicomposting in Earthworm Ecological Boxes. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 456.	1.3	2
15	A re-examination of the taxonomic status of <i>Prostoma jenningsi</i> a Freshwater Nemertean. <i>Zootaxa</i> , 2020, 4722, 175-184.	0.2	0
16	Marine macroalgae as food for earthworms: growth and selection experiments across ecotypes. <i>Environmental Science and Pollution Research</i> , 2020, 27, 33493-33499.	2.7	7
17	Developing a systematic sampling method for earthworms in and around deadwood. <i>Forest Ecosystems</i> , 2019, 6, .	1.3	13
18	Using Earthworms <i>Eisenia fetida</i> (Sav.) for Utilization of Expansive Littoral Plants Biomass. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3635.	1.3	5

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19	Earthworm dispersal of plant litter across the surface of agricultural soils. <i>Ecology</i> , 2019, 100, e02669.	1.5	6
20	Effects of composted green waste on soil quality and tree growth on a reclaimed landfill site. <i>European Journal of Soil Biology</i> , 2018, 87, 46-52.	1.4	3
21	Effects of silver nanoparticles on survival, biomass change and avoidance behaviour of the endogeic earthworm <i>Allolobophora chlorotica</i> . <i>Ecotoxicology and Environmental Safety</i> , 2017, 141, 64-69.	2.9	45
22	Earthworms and mesofauna from an isolated, alkaline chemical waste site in Northwest England. <i>European Journal of Soil Biology</i> , 2017, 78, 43-49.	1.4	14
23	Soil faunal and structural responses to the settlement of a semi-sedentary earthworm <i>Lumbricus terrestris</i> in an arable clay field. <i>Soil Biology and Biochemistry</i> , 2017, 115, 285-296.	4.2	15
24	Interactive effects of composted green waste and earthworm activity on tree growth and reclaimed soil quality: A mesocosm experiment. <i>Applied Soil Ecology</i> , 2017, 119, 226-233.	2.1	12
25	Is composting worm availability the main barrier to large-scale adoption of worm-based organic waste processing technologies?. <i>Journal of Cleaner Production</i> , 2017, 164, 1026-1033.	4.6	16
26	Investigating tree foliar preference by the earthworms <i>Aporrectodea longa</i> and <i>Allolobophora chlorotica</i> in reclaimed and loam soil. <i>Applied Soil Ecology</i> , 2017, 110, 109-117.	2.1	13
27	Assessment of avoidance behaviour by earthworms (<i>Lumbricus rubellus</i> and <i>Octolasion cyaneum</i>) in linear pollution gradients. <i>Ecotoxicology and Environmental Safety</i> , 2016, 124, 324-328.	2.9	23
28	Action of earthworms on flint burial – A return to Darwin’s estate. <i>Applied Soil Ecology</i> , 2016, 104, 157-162.	2.1	6
29	FIELD AND LABORATORY STUDIES OF THE EARTHWORM <i>DENDROBAENA ALPINA</i> . <i>Journal of Ecological Engineering</i> , 2015, 16, 213-217.	0.5	2
30	Potential spread of forest soil-borne fungi through earthworm consumption and casting. <i>IForest</i> , 2015, 8, 295-301.	0.5	6
31	Current and Potential Benefits of Mass Earthworm Culture. , 2014, , 683-709.		1
32	Dew-worms in white nights: High-latitude light constrains earthworm (<i>Lumbricus terrestris</i>) behaviour at the soil surface. <i>Soil Biology and Biochemistry</i> , 2014, 72, 66-74.	4.2	10
33	Short rotation forestry – Earthworm interactions: A field based mesocosm experiment. <i>Applied Soil Ecology</i> , 2014, 76, 52-59.	2.1	9
34	Effects of Short Rotation Forestry on earthworm community development in the UK. <i>Forest Ecology and Management</i> , 2013, 309, 96-104.	1.4	15
35	A review of earthworm impact on soil function and ecosystem services. <i>European Journal of Soil Science</i> , 2013, 64, 161-182.	1.8	800
36	Earthworm selection of Short Rotation Forestry leaf litter assessed through preference testing and direct observation. <i>Soil Biology and Biochemistry</i> , 2013, 67, 12-19.	4.2	22

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37	Biological invasions in soil: DNA barcoding as a monitoring tool in a multiple taxa survey targeting European earthworms and springtails in North America. <i>Biological Invasions</i> , 2013, 15, 899-910.	1.2	89
38	Stable isotope evidence for marine-derived avian inputs of nitrogen into soil, vegetation, and earthworms on the isle of Rum, Scotland, UK. <i>European Journal of Soil Biology</i> , 2012, 52, 78-83.	1.4	9
39	New insight into the genetic structure of the <i>Allolobophora chlorotica</i> aggregate in Europe using microsatellite and mitochondrial data. <i>Pedobiologia</i> , 2011, 54, 217-224.	0.5	67
40	Field margins and management affect settlement and spread of an introduced dew-worm (<i>Lumbricus</i>) Tj ETQq0 0 0.rgBT /Overlock 10 T	0.5	29
41	Life cycle studies of the earthworm <i>Lumbricus friendi</i> (Cognetti, 1904). <i>Pedobiologia</i> , 2011, 54, S27-S29.	0.5	7
42	Food quality affects production of <i>Lumbricus terrestris</i> (L.) under controlled environmental conditions. <i>Soil Biology and Biochemistry</i> , 2011, 43, 2169-2175.	4.2	25
43	Controlled Cultivation of Endogeic and Anecic Earthworms. <i>Soil Biology</i> , 2011, , 107-121.	0.6	15
44	The Earthworm Inoculation Unit Technique: Development and Use in Soil Improvement Over Two Decades. <i>Soil Biology</i> , 2011, , 87-105.	0.6	2
45	Field investigations of <i>Lumbricus terrestris</i> spatial distribution and dispersal through monitoring of manipulated, enclosed plots. <i>Soil Biology and Biochemistry</i> , 2010, 42, 40-47.	4.2	26
46	Basic Research Tools for Earthworm Ecology. <i>Applied and Environmental Soil Science</i> , 2010, 2010, 1-12.	0.8	26
47	Using earthworms as model organisms in the laboratory: Recommendations for experimental implementations. <i>Pedobiologia</i> , 2010, 53, 119-125.	0.5	126
48	Interactions of juvenile <i>Lumbricus terrestris</i> with adults and their burrow systems in a two-dimensional microcosm. <i>Pesquisa Agropecuaria Brasileira</i> , 2009, 44, 964-968.	0.9	10
49	Is tagging with visual implant elastomer a reliable technique for marking earthworms?. <i>Pesquisa Agropecuaria Brasileira</i> , 2009, 44, 969-974.	0.9	12
50	Worms from the cold: Lumbricid life stages in boreal clay during frost. <i>Soil Biology and Biochemistry</i> , 2009, 41, 1580-1582.	4.2	33
51	Earthworms in Soil Restoration: Lessons Learned from United Kingdom Case Studies of Land Reclamation. <i>Restoration Ecology</i> , 2008, 16, 637-641.	1.4	66
52	Effects of adult <i>Lumbricus terrestris</i> on cocoons and hatchlings in Evans's™ boxes. <i>Pedobiologia</i> , 2008, 51, 343-349.	0.5	18
53	<i>Allolobophora chlorotica</i> (Savigny, 1826): Evidence for classification as two separate species. <i>Pedobiologia</i> , 2008, 52, 81-84.	0.5	19
54	Darwin's earthworms revisited. <i>European Journal of Soil Biology</i> , 2008, 44, 255-259.	1.4	21

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55	Distribution of earthworms and influence of soil properties across a successional sand dune ecosystem in NW England. <i>European Journal of Soil Biology</i> , 2008, 44, 554-558.	1.4	8
56	Life cycle traits of the parthenogenetic earthworm <i>Octolasion cyaneum</i> (Savigny, 1826). <i>European Journal of Soil Biology</i> , 2008, 44, 541-544.	1.4	7
57	Experimental woodland establishment on brick clays in southern England. <i>Land Contamination and Reclamation</i> , 2008, 16, 181-190.	0.4	2
58	A viable technique for tagging earthworms using visible implant elastomer. <i>Applied Soil Ecology</i> , 2007, 35, 454-457.	2.1	37
59	Presence of earthworm species within and beneath <i>Lumbricus terrestris</i> (L.) middens. <i>European Journal of Soil Biology</i> , 2007, 43, S57-S60.	1.4	25
60	Earthworm culture, maintenance and species selection in chronic ecotoxicological studies: A critical review. <i>European Journal of Soil Biology</i> , 2007, 43, S281-S288.	1.4	72
61	Culture of commercially obtained <i>Lumbricus terrestris</i> L.: Implications for sub-lethal ecotoxicological testing. <i>Soil Biology and Biochemistry</i> , 2007, 39, 1674-1679.	4.2	11
62	Life-cycle traits of the dimorphic earthworm species <i>Allolobophora chlorotica</i> (Savigny, 1826) under controlled laboratory conditions. <i>Biology and Fertility of Soils</i> , 2007, 43, 495-499.	2.3	24
63	Introducing deep burrowing earthworms (<i>Lumbricus terrestris</i> L.) into arable heavy clay under boreal conditions. <i>European Journal of Soil Biology</i> , 2006, 42, S269-S274.	1.4	15
64	Introduced earthworms in agricultural and reclaimed land: their ecology and influences on soil properties, plant production and other soil biota. <i>Biological Invasions</i> , 2006, 8, 1301-1316.	1.2	56
65	Homing ability widens the sphere of influence of the earthworm L.. <i>Soil Biology and Biochemistry</i> , 2005, 37, 805-807.	4.2	21
66	Population and behavioural level responses of arable soil earthworms to boardmill sludge application. <i>Biology and Fertility of Soils</i> , 2005, 42, 163-167.	2.3	16
67	Culture techniques for soil dwelling earthworms: A review. <i>Pedobiologia</i> , 2005, 49, 401-413.	0.5	172
68	The development of sustainable earthworm populations at Calvert landfill site, UK. <i>Land Degradation and Development</i> , 2004, 15, 27-36.	1.8	29
69	Anthropic influences on earthworm distribution, Isle of Rum National Nature Reserve, Scotland. <i>European Journal of Soil Biology</i> , 2004, 40, 63-72.	1.4	17
70	Interaction of earthworm burrows and cracks in a clayey, subsurface-drained, soil. <i>Applied Soil Ecology</i> , 2004, 26, 209-217.	2.1	99
71	Influence of food particle size on inter- and intra-specific interactions of <i>Allolobophora chlorotica</i> (Savigny) and <i>Lumbricus terrestris</i> . <i>Pedobiologia</i> , 2003, 47, 574-577.	0.5	8
72	Resource distribution and surface activity of adult <i>Lumbricus terrestris</i> L. in an experimental system. <i>Pedobiologia</i> , 2003, 47, 548-553.	0.5	12

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73	Interaction of <i>Lumbricus terrestris</i> L. burrows with field subdrains. <i>Pedobiologia</i> , 2003, 47, 578-581.	0.5	21
74	Depth of cocoon deposition by three earthworm species in mesocosms. <i>European Journal of Soil Biology</i> , 2002, 38, 151-153.	1.4	4
75	Influence of organic matter on earthworm production and behaviour: a laboratory-based approach with applications for soil restoration. <i>European Journal of Soil Biology</i> , 2002, 38, 173-176.	1.4	51
76	Growth of hatchling earthworms in the presence of adults: interactions in laboratory culture. <i>Biology and Fertility of Soils</i> , 2002, 35, 204-209.	2.3	48
77	Ecology of the earthworm <i>Allolobophora carpathica</i> in field and laboratory studies. <i>European Journal of Soil Biology</i> , 2001, 37, 255-258.	1.4	9
78	Effects of thermally dried sewage granules on earthworms and vegetation during pot and field trials. <i>Bioresource Technology</i> , 1999, 67, 149-154.	4.8	9
79	Interactions between selected earthworm species: A preliminary, laboratory-based study. <i>Applied Soil Ecology</i> , 1998, 9, 75-79.	2.1	58
80	Reproduction of the earthworm <i>Lumbricus terrestris</i> Linn� after the first mating. <i>Canadian Journal of Zoology</i> , 1998, 76, 104-109.	0.4	25
81	Combining vermiculture with traditional green waste composting systems. <i>Soil Biology and Biochemistry</i> , 1997, 29, 725-730.	4.2	90
82	Pre-mating behaviour of the earthworm <i>Lumbricus terrestris</i> L.. <i>Soil Biology and Biochemistry</i> , 1997, 29, 307-308.	4.2	3
83	The Earthworm Inoculation Unit technique: An integrated system for cultivation and soil-inoculation of earthworms. <i>Soil Biology and Biochemistry</i> , 1997, 29, 251-257.	4.2	46
84	The mating behaviour of the earthworm <i>Lumbricus terrestris</i> (Oligochaeta: Lumbricidae). <i>Journal of Zoology</i> , 1997, 242, 783-798.	0.8	47
85	Utilisation of solid paper-mill sludge and spent brewery yeast as a feed for soil-dwelling earthworms. <i>Bioresource Technology</i> , 1993, 44, 105-107.	4.8	116
86	The intensive production of <i>lumbricus terrestris</i> L. for soil amelioration. <i>Soil Biology and Biochemistry</i> , 1992, 24, 1321-1325.	4.2	47