

Luis Cunha

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

460
citations

687363

13
h-index

794594

19
g-index

41
all docs

41
docs citations

41
times ranked

937
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil Animals and Pedogenesis. <i>Soil Science</i> , 2016, 181, 110-125.	0.9	40
2	Multiple introductions and environmental factors affecting the establishment of invasive species on a volcanic island. <i>Soil Biology and Biochemistry</i> , 2015, 85, 89-100.	8.8	38
3	Bioavailable metals and cellular effects in the digestive gland of marine limpets living close to shallow water hydrothermal vents. <i>Chemosphere</i> , 2008, 71, 1356-1362.	8.2	32
4	Genetic variation in populations of the earthworm, <i>Lumbricus rubellus</i> , across contaminated mine sites. <i>BMC Genetics</i> , 2017, 18, 97.	2.7	29
5	Methods and approaches to advance soil macroecology. <i>Global Ecology and Biogeography</i> , 2020, 29, 1674-1690.	5.8	28
6	Complex taxonomy of the "brush tail" peregrine earthworm <i>Pontoscolex corethrurus</i> . <i>Molecular Phylogenetics and Evolution</i> , 2018, 124, 60-70.	2.7	27
7	The genome, transcriptome, and proteome of the nematode <i>Steinernema carpocapsae</i> : evolutionary signatures of a pathogenic lifestyle. <i>Scientific Reports</i> , 2016, 6, 37536.	3.3	25
8	Distinct functional properties of the vertical and horizontal saccadic network in Health and Parkinson's disease: An eye-tracking and fMRI study. <i>Brain Research</i> , 2016, 1648, 469-484.	2.2	23
9	Bioavailability of heavy metals and their effects on the midgut cells of a phytophagous insect inhabiting volcanic environments. <i>Science of the Total Environment</i> , 2008, 406, 116-122.	8.0	20
10	Phylogenomic analyses of a Mediterranean earthworm family (Annelida: Hormogastridae). <i>Molecular Phylogenetics and Evolution</i> , 2016, 94, 473-478.	2.7	19
11	The neural basis of fatigue in multiple sclerosis. <i>Neurology: Clinical Practice</i> , 2018, 8, 492-500.	1.6	18
12	Living on a volcano's edge: genetic isolation of an extremophile terrestrial metazoan. <i>Heredity</i> , 2014, 112, 132-142.	2.6	16
13	A large set of microsatellites for the highly invasive earthworm <i>Amyntas corticis</i> predicted from low coverage genomes. <i>Applied Soil Ecology</i> , 2017, 119, 152-155.	4.3	15
14	Morphometry of the epidermis of an invasive megascolecid earthworm (<i>Amyntas gracilis</i> , Kinberg) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Safety, 2011, 74, 25-32.	6.0	14
15	Evidence confirms an anthropic origin of Amazonian Dark Earths. <i>Nature Communications</i> , 2022, 13, .	12.8	14
16	Experimental studies on the effect of food in early larvae of the cleaner shrimp <i>Lysmata amboinensis</i> (De Mann, 1888) (Decapoda: Caridea: Hippolytidae). <i>Aquaculture</i> , 2008, 277, 117-123.	3.5	13
17	Pesticides in a case study on no-tillage farming systems and surrounding forest patches in Brazil. <i>Scientific Reports</i> , 2021, 11, 9839.	3.3	11
18	Biological endpoints in earthworms (<i>Amyntas gracilis</i>) as tools for the ecotoxicity assessment of soils from livestock production systems. <i>Ecological Indicators</i> , 2018, 95, 984-990.	6.3	9

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19	Earthworm-biochar interactions: A laboratory trial using <i>Pontoscolex corethrurus</i> . <i>Science of the Total Environment</i> , 2021, 777, 146147.	8.0	8
20	A neotype for <i>Pontoscolex corethrurus</i> (Müller, 1857) (Clitellata). <i>Zootaxa</i> , 2019, 4545, 124-132.	0.5	7
21	Anthropogenic disturbance and environmental factors drive the diversity and distribution of earthworms in São Miguel Island (Azores, Portugal). <i>Applied Soil Ecology</i> , 2020, 145, 103301.	4.3	7
22	A "Dirty" Footprint: Macroinvertebrate diversity in Amazonian Anthropogenic Soils. <i>Global Change Biology</i> , 2021, 27, 4575-4591.	9.5	7
23	The complete mitochondrial DNA sequence of the pantropical earthworm <i>Pontoscolex corethrurus</i> (Rhinodrilidae, Clitellata): Mitogenome characterization and phylogenetic positioning. <i>ZooKeys</i> , 2017, 688, 1-13.	1.1	7
24	Recommendations for assessing earthworm populations in Brazilian ecosystems. <i>Pesquisa Agropecuaria Brasileira</i> , 0, 55, .	0.9	6
25	A case of simultaneous hermaphroditism in the Azorean endemic limpet <i>Patella candei gomesii</i> (Mollusca: Patellogastropoda), a gonochoristic species. <i>Invertebrate Reproduction and Development</i> , 2007, 50, 203-205.	0.8	4
26	The functional ghost in the genome machine: Holistic mapping of environmentally induced changes in the epigenome of a soil sentinel. <i>Toxicology Letters</i> , 2014, 229, S18.	0.8	3
27	Unravelling the molecular mechanisms of nickel in woodlice.. <i>Environmental Research</i> , 2019, 176, 108507.	7.5	3
28	Identifying conserved polychaete molecular markers of metal exposure: Comparative analyses using the <i>Alitta virens</i> (Annelida, Lophotrochozoa) transcriptome. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 240, 108913.	2.6	3
29	Emission of greenhouse gases and soil changes in casts of a giant Brazilian earthworm. <i>Biology and Fertility of Soils</i> , 2021, 57, 617-628.	4.3	3
30	Genetic evidence of multiple introductions and mixed reproductive strategy in the peregrine earthworm <i>Pontoscolex corethrurus</i> . <i>Biological Invasions</i> , 2020, 22, 2545-2557.	2.4	2
31	Population genetics and diversity structure of an invasive earthworm in tropical and temperate pastures from Veracruz, Mexico. <i>ZooKeys</i> , 2020, 941, 49-69.	1.1	1
32	Carbon and nitrogen storage and stability by mineral-organic association in physical fractions of anthropogenic dark earth and of reference soils in Amazonia. <i>Catena</i> , 2022, 213, 106185.	5.0	1