

# Manuela Matos

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

1,817  
citations

236612

25  
h-index

288905

40  
g-index

74  
all docs

74  
docs citations

74  
times ranked

2341  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence of extended-spectrum beta-lactamase-producing <i>Escherichia coli</i> isolates in faecal samples of broilers. <i>Veterinary Microbiology</i> , 2009, 138, 339-344.	0.8	130
2	Copper induced upregulation of apoptosis related genes in zebrafish ( <i>Danio rerio</i> ) gill. <i>Aquatic Toxicology</i> , 2013, 128-129, 183-189.	1.9	116
3	Prevalence of antimicrobial resistance and resistance genes in faecal <i>Escherichia coli</i> isolates recovered from healthy pets. <i>Veterinary Microbiology</i> , 2008, 127, 97-105.	0.8	114
4	Silicon dioxide nanoparticles ameliorate the phytotoxic hazards of aluminum in maize grown on acidic soil. <i>Science of the Total Environment</i> , 2019, 693, 133636.	3.9	113
5	Mechanisms of Antibiotic Resistance in <i>Escherichia coli</i> Isolates Recovered from Wild Animals. <i>Microbial Drug Resistance</i> , 2008, 14, 71-77.	0.9	89
6	Differential aluminium changes on nutrient accumulation and root differentiation in an Al sensitive vs. tolerant wheat. <i>Environmental and Experimental Botany</i> , 2010, 68, 91-98.	2.0	70
7	Ketamine induction of p53-dependent apoptosis and oxidative stress in zebrafish ( <i>Danio rerio</i> ) embryos. <i>Chemosphere</i> , 2018, 201, 730-739.	4.2	66
8	Age and years in practice as factors associated with needlestick and sharps injuries among health care workers in a Portuguese hospital. <i>Accident Analysis and Prevention</i> , 2012, 47, 11-15.	3.0	57
9	Developmental toxicity of endocrine disruptors in early life stages of zebrafish, a genetic and embryogenesis study. <i>Neurotoxicology and Teratology</i> , 2014, 46, 18-25.	1.2	57
10	Genetic diversity and structure of Iberian Peninsula cowpeas compared to world-wide cowpea accessions using high density SNP markers. <i>BMC Genomics</i> , 2017, 18, 891.	1.2	50
11	Evaluating stress responses in cowpea under drought stress. <i>Journal of Plant Physiology</i> , 2019, 241, 153001.	1.6	50
12	A new aluminum tolerance gene located on rye chromosome arm 7RS. <i>Theoretical and Applied Genetics</i> , 2005, 111, 360-369.	1.8	45
13	Ketamine-induced oxidative stress at different developmental stages of zebrafish ( <i>Danio rerio</i> ) embryos. <i>RSC Advances</i> , 2016, 6, 61254-61266.	1.7	45
14	Assessment of the impact of Aluminum on germination, early growth and free proline content in <i>Lactuca sativa</i> L.. <i>Ecotoxicology and Environmental Safety</i> , 2016, 131, 151-156.	2.9	43
15	Morphological and behavioral responses of zebrafish after 24 h of ketamine embryonic exposure. <i>Toxicology and Applied Pharmacology</i> , 2017, 321, 27-36.	1.3	41
16	Al toxicity mechanism in tolerant and sensitive rye genotypes. <i>Environmental and Experimental Botany</i> , 2012, 75, 89-97.	2.0	37
17	Disruption of apoptosis pathways involved in zebrafish gonad differentiation by 17 $\beta$ -ethinylestradiol and fadrozole exposures. <i>Aquatic Toxicology</i> , 2016, 177, 269-284.	1.9	35
18	Oxidative Metabolism of Rye ( <i>Secale cereale</i> L.) after Short Term Exposure to Aluminum: Uncovering the Glutathione-Ascorbate Redox Network. <i>Frontiers in Plant Science</i> , 2016, 7, 685.	1.7	34

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19	Phylogenetic Relationships among Portuguese Rye Based on Isozyme, RAPD and ISSR Markers. <i>Hereditas</i> , 2004, 134, 229-236.	0.5	33
20	Pb low doses induced genotoxicity in <i>Lactuca sativa</i> plants. <i>Plant Physiology and Biochemistry</i> , 2017, 112, 109-116.	2.8	33
21	Embryonic Stage-Dependent Teratogenicity of Ketamine in Zebrafish ( <i>Danio rerio</i> ). <i>Chemical Research in Toxicology</i> , 2016, 29, 1298-1309.	1.7	32
22	DNA fingerprint of F1 interspecific hybrids from the Triticeae tribe using ISSRs. <i>Euphytica</i> , 2005, 143, 93-99.	0.6	31
23	New Insights into <i>Mycobacterium bovis</i> Prevalence in Wild Mammals in Portugal. <i>Transboundary and Emerging Diseases</i> , 2016, 63, e313-e322.	1.3	30
24	Effects of exogenous compound sprays on cherry cracking: skin properties and gene expression. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 2911-2921.	1.7	29
25	Copper induced apoptosis in Caco-2 and Hep-G2 cells: Expression of caspases 3, 8 and 9, AIF and p53. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016, 185-186, 138-146.	1.3	26
26	Variation of chemical constituents, antioxidant activity, and endogenous plant hormones throughout different ripening stages of highbush blueberry ( <i>Vaccinium corymbosum</i> L.) cultivars produced in centre of Portugal. <i>Journal of Food Biochemistry</i> , 2017, 41, e12414.	1.2	23
27	Screening of worldwide cowpea collection to drought tolerant at a germination stage. <i>Scientia Horticulturae</i> , 2019, 247, 107-115.	1.7	23
28	Molecular instability induced by aluminum stress in <i>Plantago</i> species. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014, 770, 105-111.	0.9	17
29	MS-222 short exposure induces developmental and behavioural alterations in zebrafish embryos. <i>Reproductive Toxicology</i> , 2018, 81, 122-131.	1.3	17
30	Secale cereale inter-microsatellites (SCIMs): chromosomal location and genetic inheritance. <i>Genetica</i> , 2005, 123, 303-311.	0.5	15
31	Detection and mapping of SSRs in rye ESTs from aluminium-stressed roots. <i>Molecular Breeding</i> , 2007, 20, 103-115.	1.0	15
32	Genetic diversity of two endemic and endangered <i>Plantago</i> species. <i>Biochemical Systematics and Ecology</i> , 2013, 51, 37-44.	0.6	15
33	SURVEY OF <i>MYCOBACTERIUM AVIUM</i> SUBSPECIES <i>PARATUBERCULOSIS</i> IN ROAD-KILLED WILD CARNIVORES IN PORTUGAL. <i>Journal of Zoo and Wildlife Medicine</i> , 2014, 45, 775-781.	0.3	15
34	Effects of heat stress in the leaf mitotic cell cycle and chromosomes of four wine-producing grapevine varieties. <i>Protoplasma</i> , 2018, 255, 1725-1740.	1.0	15
35	<i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> infection in slaughtered domestic pigs for consumption detected by molecular methods. <i>Food Research International</i> , 2011, 44, 3276-3277.	2.9	14
36	Granuloma Coinfection with <i>Mycobacterium bovis</i> , <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> , and <i>Corynebacterium pseudotuberculosis</i> in Five Hunted Red deer ( <i>Cervus elaphus</i> ) in Portugal. <i>Journal of Wildlife Diseases</i> , 2015, 51, 793-794.	0.3	14

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37	European cowpea landraces for a more sustainable agriculture system and novel foods. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 4399-4407.	1.7	14
38	Apoptosis-related genes induced in response to ketamine during early life stages of zebrafish. <i>Toxicology Letters</i> , 2017, 279, 1-8.	0.4	14
39	Zonal responses of sensitive vs. tolerant wheat roots during Al exposure and recovery. <i>Journal of Plant Physiology</i> , 2012, 169, 760-769.	1.6	13
40	Screening and identification of potential sex-associated sequences in <i>Danio rerio</i> . <i>Molecular Reproduction and Development</i> , 2015, 82, 756-764.	1.0	13
41	Characterization, genetic diversity, phylogenetic relationships, and expression of the aluminum tolerance MATE1 gene in <i>Secale</i> species. <i>Biologia Plantarum</i> , 2018, 62, 109-120.	1.9	13
42	Al exposure increases proline levels by different pathways in an Al-sensitive and an Al-tolerant rye genotype. <i>Scientific Reports</i> , 2020, 10, 16401.	1.6	13
43	Drought stress effect on polyphenolic content and antioxidant capacity of cowpea pods and seeds. <i>Journal of Agronomy and Crop Science</i> , 2021, 207, 197-207.	1.7	12
44	Molecular diversity and genetic relationships in <i>Secale</i> . <i>Journal of Genetics</i> , 2016, 95, 273-281.	0.4	11
45	<i>Mycobacterium avium</i> subspecies paratuberculosis in a diamond sparrow. <i>Veterinary Record</i> , 2009, 165, 184-184.	0.2	10
46	Biochemical, physiological and genetic analysis of aluminum tolerance of different rye species. <i>Environmental and Experimental Botany</i> , 2019, 162, 87-94.	2.0	10
47	Diagnosis of <i>Mycobacterium avium</i> Complex in Granulomatous Lymphadenitis in Slaughtered Domestic Pigs. <i>Journal of Comparative Pathology</i> , 2012, 147, 401-405.	0.1	9
48	<i>Mycobacterium bovis</i> in an Egyptian mongoose. <i>Veterinary Record</i> , 2013, 173, 376-377.	0.2	8
49	DISSEMINATED <i>MYCOBACTERIUM AVIUM</i> SUBSP. <i>PARATUBERCULOSIS</i> INFECTION IN TWO WILD EURASIAN OTTERS ( <i>LUTRA LUTRA</i> ) FROM PORTUGAL. <i>Journal of Zoo and Wildlife Medicine</i> , 2013, 44, 193-195.	0.3	8
50	Disseminated <i>Mycobacterium bovis</i> Infection in Red Foxes ( <i>Vulpes vulpes</i> ) with Cerebral Involvement Found in Portugal. <i>Vector-Borne and Zoonotic Diseases</i> , 2014, 14, 531-533.	0.6	8
51	<i>Mycobacterium avium</i> Complex in Domestic and Wild Animals. , 2013, , .		7
52	Mesenteric lymph node granulomatous lesions in naturally infected wild boar ( <i>Sus scrofa</i> ) in Portugal—Histological, immunohistochemical and molecular aspects. <i>Veterinary Immunology and Immunopathology</i> , 2016, 173, 21-26.	0.5	7
53	Detection of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> in kidney samples of red deer ( <i>Cervus elaphus</i> ) in Portugal: Evaluation of different methods. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 692-698.	0.3	7
54	Effects of short-term exposure to genistein and overfeeding diet on the neural and retinal progenitor competence of adult zebrafish ( <i>Danio rerio</i> ). <i>Neurotoxicology and Teratology</i> , 2021, 88, 107030.	1.2	6

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55	Short communication: Identification of cultivated and wild <i>Vaccinium</i> species grown in Portugal. Spanish Journal of Agricultural Research, 2018, 16, e07SC01.	0.3	6
56	Fungicide Activity of <i>Thymus mastichina</i> and <i>Mentha rotundifolia</i> in Plants In Vitro. Journal of Medicinal Food, 2013, 16, 273-273.	0.8	5
57	Isolation of <i>Talaromyces marneffeii</i> from the Skin of an Egyptian Mongoose ( <i>Herpestes ichneumon</i> ) in Portugal. Journal of Wildlife Diseases, 2019, 55, 238.	0.3	5
58	Heat stress tolerance assayed in four wine-producing grapevine varieties using a cytogenetic approach. Ciencia E Tecnica Vitivinicola, 2019, 34, 61-70.	0.3	5
59	Isolation and characterization of a new <i>MATE</i> gene located in the same chromosome arm of the aluminium tolerance ( <i>Alt1</i> ) rye locus. Plant Biology, 2020, 22, 691-700.	1.8	5
60	Fingerprinting of <i>Vaccinium corymbosum</i> cultivars using DNA of fruits. Zahradnictvi (Prague, Czech) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.3	4
61	Effects of physical exercise training in DNA damage and repair activity in humans with different genetic polymorphisms of <i>hOGG1</i> ( <i>Ser326Cys</i> ). Cell Biochemistry and Function, 2015, 33, 519-524.	1.4	4
62	Seroprevalence of <i>Mycobacterium avium</i> Complex in Wild Mammals in the Iberian Peninsula. Journal of the Hellenic Veterinary Medical Society, 2018, 66, 177.	0.1	2
63	Caracterizaçãõ agro-morfolã³gica de acessos de feijãõ-frade ( <i>Vigna unguiculata</i> ): bases para o melhoramento. Revista De Ciãncias Agrãrias, 2016, 39, 506-517.	0.2	2
64	In Vitro Multiplication of Aromatic and Medicinal Plants and Fungicide Activity. , 0, ,		2
65	Granulomatous lymphadenitis caused by <i>Nocardia</i> species in hunted wild boar ( <i>Sus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.2	1
66	Evaluation of Fruit Quality, Chromatic Parameters and Anthocyaninã™s Content Under Foliar Application of Magnesium and Potassium on Sweet Cherry ( <i>Prunus avium</i> L.) cv. Burlat. , 2021, 3, .		1
67	Serological survey for antibodies against <i>Mycobacterium avium</i> complex in hunting dogs in East-Central Portugal. Turkish Journal of Veterinary and Animal Sciences, 2016, 40, 667-670.	0.2	0
68	Portuguese landraces: on-farm conservation, management and use.. , 2012, , 142-151.		0
69	Subcellular Compartmentalization of Aluminum Reduced its Hazardous Impact on Rye Photosynthesis. SSRN Electronic Journal, 0, , .	0.4	0
70	Knowledge about COVID-19 Best Practices in the North of Portugal and the Importance of Health Education in the Prevention of Pandemic Events. Societies, 2022, 12, 82.	0.8	0