

Robson Andreazza

List of Publications by Year in descending order

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115
papers

1,357
citations

361045

20
h-index

395343

33
g-index

124
all docs

124
docs citations

124
times ranked

1964
citing authors

#	ARTICLE	IF	CITATIONS
1	Probiotic potential, antimicrobial and antioxidant activities of <i>Enterococcus durans</i> strain LAB18s. <i>Food Control</i> , 2014, 37, 251-256.	2.8	182
2	Characterization of copper bioreduction and biosorption by a highly copper resistant bacterium isolated from copper-contaminated vineyard soil. <i>Science of the Total Environment</i> , 2010, 408, 1501-1507.	3.9	70
3	Cu(II) adsorption from copper mine water by chitosan films and the matrix effects. <i>Environmental Science and Pollution Research</i> , 2017, 24, 5908-5917.	2.7	58
4	Bioremediation assessment of diesel and biodiesel-contaminated soil using an alternative bioaugmentation strategy. <i>Environmental Science and Pollution Research</i> , 2014, 21, 2592-2602.	2.7	51
5	Evaluation of resistance genes and virulence factors in a food isolated <i>Enterococcus durans</i> with potential probiotic effect. <i>Food Control</i> , 2015, 51, 49-54.	2.8	50
6	Bioremediation strategies for diesel and biodiesel in oxisol from southern Brazil. <i>International Biodeterioration and Biodegradation</i> , 2014, 95, 356-363.	1.9	47
7	Bacterial stimulation of copper phytoaccumulation by bioaugmentation with rhizosphere bacteria. <i>Chemosphere</i> , 2010, 81, 1149-1154.	4.2	46
8	Enzymatic activity of catechol 1,2-dioxygenase and catechol 2,3-dioxygenase produced by <i>Gordonia polyisoprenivorans</i> . <i>Quimica Nova</i> , 2012, 35, 1587-1592.	0.3	46
9	Use of High-Yielding Bioenergy Plant Castor Bean (<i>Ricinus communis</i> L.) as a Potential Phytoremediator for Copper-Contaminated Soils. <i>Pedosphere</i> , 2013, 23, 651-661.	2.1	46
10	Isolation and characterization of bacteria from mercury contaminated sites in Rio Grande do Sul, Brazil, and assessment of methylmercury removal capability of a <i>Pseudomonas putida</i> V1 strain. <i>Biodegradation</i> , 2013, 24, 319-331.	1.5	38
11	Bioprospection of indigenous flora grown in copper mining tailing area for phytoremediation of metals. <i>Journal of Environmental Management</i> , 2020, 256, 109953.	3.8	32
12	Bioaccumulation and distribution of selenium in <i>Enterococcus durans</i> . <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 40, 37-45.	1.5	30
13	Characterization of Copper-Resistant Rhizosphere Bacteria from <i>Avena sativa</i> and <i>Plantago lanceolata</i> for Copper Bioreduction and Biosorption. <i>Biological Trace Element Research</i> , 2012, 146, 107-115.	1.9	27
14	Evaluation of copper resistant bacteria from vineyard soils and mining waste for copper biosorption. <i>Brazilian Journal of Microbiology</i> , 2011, 42, 66-74.	0.8	26
15	Antimicrobial and antioxidant activities of <i>Enterococcus</i> species isolated from meat and dairy products. <i>Brazilian Journal of Biology</i> , 2015, 75, 923-931.	0.4	26
16	Potential of <i>Solanum viarum</i> Dunal in use for phytoremediation of heavy metals to mining areas, southern Brazil. <i>Environmental Science and Pollution Research</i> , 2019, 26, 24132-24142.	2.7	25
17	Production of biodiesel using oil obtained from fish processing residue by conventional methods assisted by ultrasonic waves: Heating and stirring. <i>Renewable Energy</i> , 2019, 143, 1357-1365.	4.3	24
18	Properties of catechol 1,2-dioxygenase in the cell free extract and immobilized extract of <i>Mycobacterium fortuitum</i> . <i>Brazilian Journal of Microbiology</i> , 2013, 44, 291-297.	0.8	22

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19	Phytoremediation of heavy metals and nutrients by the <i>Sagittaria montevidensis</i> into an anthropogenic contaminated site at Southern of Brazil. <i>International Journal of Phytoremediation</i> , 2019, 21, 1145-1152.	1.7	22
20	Evaluation of selenite bioremoval from liquid culture by <i>Enterococcus</i> species. <i>Microbiological Research</i> , 2011, 166, 176-185.	2.5	21
21	Methane-hydrogen fuel blends for SI engines in Brazilian public transport: Potential supply and environmental issues. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 12615-12628.	3.8	21
22	Production of Selenium-Enriched Biomass by <i>Enterococcus durans</i> . <i>Biological Trace Element Research</i> , 2013, 155, 447-454.	1.9	19
23	Evaluation of two Brazilian indigenous plants for phytostabilization and phytoremediation of copper-contaminated soils. <i>Brazilian Journal of Biology</i> , 2015, 75, 868-877.	0.4	19
24	Physicochemical characterization of oil extraction from fishing waste for biofuel production. <i>Renewable Energy</i> , 2019, 143, 471-477.	4.3	19
25	Capability of a selected bacterial consortium for degrading diesel/biodiesel blends (B20): Enzyme and biosurfactant production. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2012, 47, 1776-1784.	0.9	18
26	Sediment pollution in margins of the Lake Guaíba, Southern Brazil. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 3.	1.3	18
27	In vivo action of <i>Lactococcus lactis</i> subsp. <i>lactis</i> isolate (R7) with probiotic potential in the stabilization of cancer cells in the colorectal epithelium. <i>Process Biochemistry</i> , 2020, 91, 165-171.	1.8	18
28	Potential Phytoextraction and Phytostabilization of Perennial Peanut on Copper-Contaminated Vineyard Soils and Copper Mining Waste. <i>Biological Trace Element Research</i> , 2011, 143, 1729-1739.	1.9	16
29	Copper Phytoextraction and Phytostabilization by <i>Brachiaria decumbens</i> Stapf. in Vineyard Soils and a Copper Mining Waste. <i>Open Journal of Soil Science</i> , 2013, 03, 273-282.	0.3	15
30	Avaliação in vitro do potencial antioxidante de frutas e hortaliças. <i>Ciencia E Agrotecnologia</i> , 2009, 33, 552-559.	1.5	14
31	Efficiency and pollutant emissions of an SI engine using biogas-hydrogen fuel blends: BIO60, BIO95, H2OBIO60 and H2OBIO95. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 7190-7200.	3.8	14
32	In situ phytoremediation characterization of heavy metals promoted by <i>Hydrocotyle ranunculoides</i> at Santa Bárbara stream, an anthropogenic polluted site in southern of Brazil. <i>Environmental Science and Pollution Research</i> , 2018, 25, 28312-28321.	2.7	14
33	Effects of Stimulation of Copper Bioleaching on Microbial Community in Vineyard Soil and Copper Mining Waste. <i>Biological Trace Element Research</i> , 2012, 146, 124-133.	1.9	12
34	Biodegradation potential of <i>Serratiamarcescens</i> for diesel/biodiesel blends. <i>International Biodeterioration and Biodegradation</i> , 2016, 110, 141-146.	1.9	12
35	Treated Industrial Wastewater Effects on Chemical Constitution Maize Biomass, Physicochemical Soil Properties, and Economic Balance. <i>Communications in Soil Science and Plant Analysis</i> , 2018, 49, 319-333.	0.6	12
36	Bioreduction of Cu(II) by Cell-Free Copper Reductase from a Copper Resistant <i>Pseudomonas</i> sp. NA. <i>Biological Trace Element Research</i> , 2011, 143, 1182-1192.	1.9	11

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37	Copper resistance of different ectomycorrhizal fungi such as <i>Pisolithus microcarpus</i> , <i>Pisolithus</i> sp., <i>Scleroderma</i> sp. and <i>Suillus</i> sp.. Brazilian Journal of Microbiology, 2013, 44, 613-622.	0.8	11
38	CRESCIMENTO INICIAL DE ACÁCIA-NEGRA COM VERMICOMPOSTOS DE DIFERENTES RESÍDUOS AGROINDUSTRIAIS. Ciencia Florestal, 2016, 26, .	0.1	10
39	The effects of trace elements, cations, and environmental conditions on protocatechuate 3,4-dioxygenase activity. Scientia Agricola, 2013, 70, 68-73.	0.6	9
40	ALTERAÇÕES ELETROQUÍMICAS E DINÂMICA DE NUTRIENTES NA SOLUÇÃO DO SOLO EM ARROZ IRRIGADO COM LIXIVIADO INDUSTRIAL TRATADO. Revista Brasileira De Ciencia Do Solo, 2015, 39, 466-474.	0.5	9
41	Copper Phytoaccumulation and Tolerance by Seedlings of Native Brazilian Trees. Environmental Engineering Science, 2016, 33, 176-184.	0.8	9
42	Irrigation of paddy soil with industrial landfill leachate: impacts in rice productivity, plant nutrition, and chemical characteristics of soil. Paddy and Water Environment, 2017, 15, 133-144.	1.0	9
43	Growth of tropical tree species and absorption of copper in soil artificially contaminated. Brazilian Journal of Biology, 2015, 75, 119-125.	0.4	8
44	Physicochemical properties of ethanol with the addition of biodiesel for use in Otto cycle internal combustion engines: Results and revision. Renewable and Sustainable Energy Reviews, 2017, 74, 1181-1188.	8.2	8
45	Mushroom extract of <i>Lactarius deliciosus</i> (L.) Sf. Gray as biopesticide: Antifungal activity and toxicological analysis. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2022, 85, 43-55.	1.1	8
46	Phytoremediation of Vineyard Copper-Contaminated Soil and Copper Mining Waste by a High Potential Bioenergy Crop (<i>Helianthus annuus</i> L.). Journal of Plant Nutrition, 2015, 38, 1580-1594.	0.9	7
47	Atividade microbiana em solos sob doses de lodo de estação de tratamento de efluentes de um aterro industrial. Ciencia Rural, 2016, 46, 267-272.	0.3	7
48	Modelagem sazonal da qualidade da água do Rio dos Sinos/RS utilizando o modelo QUAL-UFGM. Engenharia Sanitaria E Ambiental, 2018, 23, 275-285.	0.1	7
49	Lago Guaíba: uma análise histórico-cultural da poluição hídrica em Porto Alegre, RS, Brasil. Engenharia Sanitaria E Ambiental, 2019, 24, 229-237.	0.1	7
50	Influence of eucalyptus development under soil fauna. Brazilian Journal of Biology, 2020, 80, 345-353.	0.4	7
51	New low-cost biofilters for SARS-CoV-2 using <i>Hymenachne grumosa</i> as a precursor. Journal of Cleaner Production, 2022, 331, 130000.	4.6	7
52	Cultivation of sorghum and sunflower in soils with amendment of sludge from industrial landfill. International Journal of Recycling of Organic Waste in Agriculture, 2019, 8, 119-130.	2.0	6
53	Growth, tolerance and zinc accumulation in <i>Senna multijuga</i> and <i>Erythrina crista-galli</i> seedlings. Revista Brasileira De Engenharia Agricola E Ambiental, 2017, 21, 465-470.	0.4	5
54	Molecular identification and microbiological evaluation of isolates from equipments and food contact surfaces in a hospital Food and Nutrition Unit. Brazilian Journal of Biology, 2019, 79, 191-200.	0.4	5

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55	Anti-inflammatory Effect of a Goji Berry Extract (<i>Lycium barbarum</i>) in Rats Subjected to Inflammation by Lipopolysaccharides (LPS). <i>Brazilian Archives of Biology and Technology</i> , 0, 63, .	0.5	5
56	<i>Ilex paraguariensis</i> extract prevents body weight gain in rats fed a high-fat diet. <i>Food Science and Technology</i> , 2019, 39, 620-626.	0.8	5
57	Ocorrência de associações micorrízicas em seis espécies florestais nativas do estado do Rio Grande do Sul. <i>Ciencia Florestal</i> , 2009, 18, 339-346.	0.1	5
58	Assessment of Beneficial Properties of <i>Enterococcus</i> Strains. <i>Journal of Food Processing and Preservation</i> , 2014, 38, 665-675.	0.9	4
59	Evaluation of the Redox State of Wistar Rats Submitted to High-Fat Diet Supplemented With Infusion of <i>Ilex paraguariensis</i> . <i>Brazilian Archives of Biology and Technology</i> , 2018, 61, .	0.5	4
60	Transformações químicas dos ácidos húmicos durante o processo de vermicompostagem de resíduos orgânicos. <i>Engenharia Sanitaria E Ambiental</i> , 2015, 20, 699-708.	0.1	4
61	Biosorption and Bioreduction of Copper from Different Copper Compounds in Aqueous Solution. <i>Biological Trace Element Research</i> , 2013, 152, 411-416.	1.9	3
62	Biomassa e atividade microbiana do solo em sistemas de produção olerícola orgânica e convencional. <i>Ciencia Rural</i> , 2013, 43, 270-276.	0.3	3
63	Humic Substances and Chemical Properties of an Acrisol Amended with Vermicomposted Vegetal and Animal Residues. <i>Revista Brasileira De Ciencia Do Solo</i> , 0, 43, .	0.5	3
64	Evaluation of <i>Enydra anagallis</i> remediation at a contaminated watercourse in south Brazil. <i>International Journal of Phytoremediation</i> , 2020, 22, 1216-1223.	1.7	3
65	Produção, caracterização e aplicação de carvão ativado de caroço de pêssego no tratamento de efluente têxtil. <i>Engenharia Sanitaria E Ambiental</i> , 2021, 26, 485-494.	0.1	3
66	Influence of weathering and temperature on the electrochemical and microscopical characteristics of CeO ₂ and CeO ₂ :V ₂ O ₅ sol-gel thin films. <i>Materials Research Bulletin</i> , 2021, 142, 111432.	2.7	3
67	DECOMPOSIÇÃO DE RESÍDUOS INDUSTRIAIS NO SOLO. <i>Ciência E Natura</i> , 2012, 34, .	0.0	3
68	Efeito de Vermicomposto no Crescimento Inicial de Ipê Amarelo (<i>Handroanthus chrysotrichus</i>) e Leucena (<i>Leucaena leucocephala</i>). <i>Nativa</i> , 2013, 1, 29-33.	0.2	3
69	Impact of Treated Industrial Effluent on Physical and Chemical Properties of Three Subtropical Soils and Millet Nutrition. <i>Communications in Soil Science and Plant Analysis</i> , 2017, 48, 2514-2525.	0.6	2
70	Phytoremediation of metals by colonizing plants developed in point bars in the channeled bed of the Dilúvio Stream, Southern Brazil. <i>International Journal of Phytoremediation</i> , 2022, 24, 59-65.	1.7	2
71	Analysis of <i>Baccharis dracunculifolia</i> and <i>Baccharis trimera</i> for Phytoremediation of Heavy Metals in Copper Mining Tailings Area in Southern Brazil. <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 694-708.	1.4	2
72	Correção da acidez do solo e aporte de metais pesados pela aplicação de escória básica de aciaria. <i>Bioscience Journal</i> , 2015, 31, 135-145.	0.4	2

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73	ECTOMICORRIZA NO CRESCIMENTO DE <i>Eucalyptus saligna</i> EM SOLO CONTAMINADO COM COBRE. <i>Ciencia Florestal</i> , 2018, 28, 624.	0.1	2
74	Composting for valuation of marine fish waste. <i>Revista Brasileira De Saude E Producao Animal</i> , 2017, 18, 594-603.	0.3	1
75	Teores de cromo ligados aos Áxidos de ferro em Áreas de descarte de lodo de curtume. <i>Engenharia Sanitaria E Ambiental</i> , 2018, 23, 63-67.	0.1	1
76	Geoaccumulation of Heavy Metals in the Sediment of Lake Guaíba Transitional Waters, Southern Brazil. <i>Environmental Engineering Science</i> , 2019, 36, 1315-1322.	0.8	1
77	Copper adsorption by different extracts of shrimp chitin. , 0, 141, 220-228.		1
78	SELEÇÃO DE MACRÓFITAS AQUÁTICAS COM POTENCIAL DE FITORREMEDIÇÃO NO ARROIO SANTA BÁRBARA, MUNICÍPIO DE PELOTAS/RS. , 0, , .		1
79	Adsorption of methylene blue dye by different methods of obtaining shrimp residue chitin. <i>Brazilian Journal of Environmental Sciences (Online)</i> , 2021, 56, 589-598.	0.1	1
80	Comunidade de fungos micorrízicos arbusculares em solo cultivado com eucalipto, pinus e campo nativo em solo arenoso, São Francisco de Assis, RS.. <i>Ciencia Florestal</i> , 2009, 18, 353-361.	0.1	1
81	Impactos ambientais dos resíduos de pescado. <i>Revista Brasileira De Engenharia E Sustentabilidade</i> , 2016, 2, 1.	0.1	1
82	Cinética e equilíbrio secular das principais séries radioativas e suas implicações ambientais. <i>Revista Brasileira De Engenharia E Sustentabilidade</i> , 2016, 2, 1.	0.1	1
83	ANÁLISE AMBIENTAL E QUALIDADE DA ÁGUA DA LAGOA DOS PATOS NAS PROXIMIDADES DE UMA TRADICIONAL COMUNIDADE DE PESCADORES. <i>Revista Gestão & Sustentabilidade Ambiental</i> , 2018, 7, 105.	0.1	1
84	Doenças relacionadas ao saneamento ambiental inadequado e indicadores de saneamento. <i>Revista Ibero-americana De Ciências Ambientais</i> , 2019, 10, 90-98.	0.0	1
85	Crescimento e teor de cromo em mamoneira cultivada em solo receptor de resíduos de curtume e carboníferos. <i>Engenharia Sanitaria E Ambiental</i> , 2019, 24, 1095-1102.	0.1	1
86	Evaluation of the phytotoxicity of landfill leachate treated with a Rotating Biological Reactor. <i>Engenharia Sanitaria E Ambiental</i> , 2022, 27, 47-53.	0.1	1
87	Comparison of the adsorption kinetics of methylene blue using rice husk ash activated with different chemical agents. <i>Brazilian Journal of Environmental Sciences (Online)</i> , 2022, 57, 279-289.	0.1	1
88	Post-treatment of landfill leachate using rice husk ash as adsorbent medium. <i>Revista Ambiente & Água</i> , 2019, 14, 1.	0.1	0
89	Chemical attributes of percolate from degraded sand soil irrigated with treated industrial wastewater. <i>Environmental Quality Management</i> , 0, , .	1.0	0
90	Composting of fish waste and its phytotoxicity effects. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2021, 56, 1051-1057.	0.9	0

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91	Development of mycorrhizal soybean grown in copper-contaminated soil. Semina:Ciencias Agrarias, 2021, 42, 3617-3632.	0.1	0
92	QUALIDADE BIOLÓGICA DO SOLO DE SISTEMAS DE CULTIVO EM POMARES DE CITRUS DELICIOSA. Ciência E Natura, 2012, 34, .	0.0	0
93	DECOMPOSIÇÃO DE RESÍDUOS DE AGROINDÚSTRIA FUMAGEIRA NO SOLO. Ciência E Natura, 2014, 35, .	0.0	0
94	BACTÉRIAS DIAZOTRÁFICAS E VERMICOMPOSTO COMO FONTES ALTERNATIVAS DE N PARA O ARROZ IRRIGADO. Ciência E Natura, 2014, 35, .	0.0	0
95	DECOMPOSIÇÃO DE RESÍDUO CARBONÍFERO E DE CURTUME IN VITRO EM ARGISSOLO VERMELHO DISTRÍCO TÍPICO. Ciência E Natura, 2014, 35, .	0.0	0
96	Crescimento da cultura da cenoura após aplicação de resíduos de curtume e carboníferos no solo. Bioscience Journal, 0, , 127-134.	0.4	0
97	Crescimento da cultura da cenoura após aplicação de resíduos de curtume e carboníferos no solo. Bioscience Journal, 2015, 31, 127-134.	0.4	0
98	Aplicação da análise multivariada nos parâmetros de qualidade da água do Rio Piratini em RS. Revista Brasileira De Engenharia E Sustentabilidade, 2016, 2, 45.	0.1	0
99	ANÁLISE DOS TEORES DE CHUMBO E NÍQUEL NA ESPÉCIE HYDROCOTYLE RANUNCULOIDES EM ÁREA ANTROPIZADA. , 0, , .		0
100	OBTENÇÃO DA QUANTIDADE DE CARBOIDRATOS PRESENTES NO EFLUENTE DE ARROZ PARBOILIZADO DE UM REATOR UASB. , 0, , .		0
101	ÁREAS DE RISCOS NA CIDADE DE EMBU DAS ARTES, SÃO PAULO - SP. , 0, , .		0
102	PRODUCTION OF MEAL AS A TOOL FOR THE VALUATION OF THE FISH RESIDUES. Ciência E Natura, 2017, 39, 767.	0.0	0
103	Eficiência de coagulantes na remoção de manganês. Revista Brasileira De Engenharia E Sustentabilidade, 2018, 5, 39.	0.1	0
104	Determinação de substâncias húmicas em diferentes tipos de compostos. Revista Ibero-americana De Ciências Ambientais, 2018, 9, 273-279.	0.0	0
105	Adsorção de óleos lubrificantes em casca de arroz. Revista Ibero-americana De Ciências Ambientais, 2018, 9, 22-28.	0.0	0
106	Variabilidade na composição química de vermicompostos comerciais. Revista Verde De Agroecologia E Desenvolvimento Sustentável, 2018, 13, 557.	0.1	0
107	Perícia ambiental em crimes ambientais: pesca ilegal no município de Rio Grande (RS). Revista Ibero-americana De Ciências Ambientais, 2019, 9, 359-367.	0.0	0
108	Selection of suitable areas for landfill installation in a Brazilian municipality through free software spatial analysis. Ciência E Natura, 0, 41, e51.	0.0	0

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109	Urban solid waste in the southern of Rio Grande do Sul state. <i>Ciência E Natura</i> , 0, 41, 52.	0.0	0
110	Scientometric analysis applied to the water treatment with activated carbon. <i>Ciência E Natura</i> , 0, 42, e27.	0.0	0
111	Attributes and Magnitude of the Socio-Environmental Impacts in Environmental Impact Study and Environmental Impact Report (EIS/EIR) of two small Hydroelectric Power Plants. <i>Ciência E Natura</i> , 0, 42, e22.	0.0	0
112	Desempenho ambiental e nível de sustentabilidade de uma empresa do setor médico-hospitalar no sul do Rio Grande do Sul, Brasil. <i>Revista Brasileira De Gestão Ambiental E Sustentabilidade</i> , 2020, 7, 1455-1470.	0.0	0
113	Impacts and recovery techniques of degraded areas by petroleum spills - case study in southern Brazil. <i>Ciência E Natura</i> , 0, 42, e21.	0.0	0
114	Influence of <i>Lycium barbarum</i> Extract Intake on Oxidative Stress in Wistar Rats. <i>Brazilian Archives of Biology and Technology</i> , 0, 65, .	0.5	0
115	Growth and tolerance of <i>Ilex paraguariensis</i> A. St.-Hil. inoculated with ectomycorrhizal fungi in copper-contaminated soil. <i>Brazilian Journal of Environmental Sciences (Online)</i> , 2022, 57, 343-351.	0.1	0