

# Eduardo Alves

## List of Publications by Year in descending order

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114  
papers

2,203  
citations

279487

23  
h-index

288905

40  
g-index

116  
all docs

116  
docs citations

116  
times ranked

3025  
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of biofilms by <i>Staphylococcus aureus</i> on stainless steel and glass surfaces and its resistance to some selected chemical sanitizers. <i>Brazilian Journal of Microbiology</i> , 2007, 38, 538-543.	0.8	132
2	Disinfectant action of <i>Cymbopogon</i> sp. essential oils in different phases of biofilm formation by <i>Listeria monocytogenes</i> on stainless steel surface. <i>Food Control</i> , 2010, 21, 549-553.	2.8	113
3	Wheat Blast: Past, Present, and Future. <i>Annual Review of Phytopathology</i> , 2018, 56, 427-456.	3.5	112
4	Antimicrobial activity of <i>Satureja montana</i> L. essential oil against <i>Clostridium perfringens</i> type A inoculated in mortadella-type sausages formulated with different levels of sodium nitrite. <i>International Journal of Food Microbiology</i> , 2011, 144, 546-555.	2.1	103
5	Wheat blast: from its origins in South America to its emergence as a global threat. <i>Molecular Plant Pathology</i> , 2019, 20, 155-172.	2.0	88
6	Identification of fungi of the genus <i>Aspergillus</i> section <i>nigri</i> using polyphasic taxonomy. <i>Brazilian Journal of Microbiology</i> , 2011, 42, 761-773.	0.8	71
7	The sanitizing action of essential oil-based solutions against <i>Salmonella enterica</i> serotype Enteritidis S64 biofilm formation on AISI 304 stainless steel. <i>Food Control</i> , 2012, 25, 673-677.	2.8	67
8	<i>Pyricularia graminis-tritici</i> , a new <i>Pyricularia</i> species causing wheat blast. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2016, 37, 199-216.	1.6	66
9	Antibacterial activity of essential oils on <i>Xanthomonas vesicatoria</i> and control of bacterial spot in tomato. <i>Pesquisa Agropecuaria Brasileira</i> , 2012, 47, 351-359.	0.9	52
10	Biofilm formation by <i>Listeria monocytogenes</i> on stainless steel surface and biotransfer potential. <i>Brazilian Journal of Microbiology</i> , 2010, 41, 97-106.	0.8	50
11	Genomics and X-ray microanalysis indicate that Ca <sup>2+</sup> and thiols mediate the aggregation and adhesion of <i>Xylella fastidiosa</i> . <i>Brazilian Journal of Medical and Biological Research</i> , 2002, 35, 645-650.	0.7	49
12	Leaf Symptoms on Plum, Coffee and Citrus and the Relationship with the Extent of Xylem Vessels Colonized by <i>Xylella fastidiosa</i> . <i>Journal of Phytopathology</i> , 2004, 152, 291-297.	0.5	47
13	Óleos essenciais no controle da ferrugem asiática da soja <i>Phakopsora pachyrhizi</i> Syd. & P. Syd.. <i>Ciencia E Agrotecnologia</i> , 2007, 31, 83-90.	1.5	47
14	Efeito do silício no controle da cercosporiose em três variedades de cafeeiro. <i>Tropical Plant Pathology</i> , 2004, 29, 185-188.	0.3	45
15	Sudden Death of Citrus in Brazil: A Graft-Transmissible Bud Union Disease. <i>Plant Disease</i> , 2004, 88, 453-467.	0.7	43
16	Ultrastructural analysis of drying damage in parchment Arabica coffee endosperm cells. <i>Biosystems Engineering</i> , 2008, 99, 62-66.	1.9	42
17	Plant extracts to control <i>Alternaria alternata</i> in Murcott tangor fruits. <i>Revista Iberoamericana De Micologia</i> , 2011, 28, 173-178.	0.4	41
18	Anatomia foliar de plantas de alfavaca-cravo cultivadas sob malhas coloridas. <i>Ciencia Rural</i> , 2009, 39, 82-87.	0.3	35

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19	Anatomy and ultrastructure alterations of <i>Leucaena leucocephala</i> (Lam.) inoculated with mycorrhizal fungi in response to arsenic-contaminated soil. <i>Journal of Hazardous Materials</i> , 2013, 262, 1245-1258.	6.5	33
20	Reduction of <i>Aeromonas hydrophyla</i> biofilm on stainless steel surface by essential oils. <i>Brazilian Journal of Microbiology</i> , 2013, 44, 73-80.	0.8	31
21	Potential of essential oils for the control of brown eye spot in coffee plants. <i>Ciencia E Agrotecnologia</i> , 2011, 35, 115-123.	1.5	30
22	Atividade antimicrobiana de Óleos essenciais em bactérias patogênicas de origem alimentar. <i>Revista Brasileira De Plantas Medicinai</i> s, 2012, 14, 57-67.	0.3	28
23	Efeito de fontes de silício na incidência e na severidade da antracnose do feijoeiro. <i>Tropical Plant Pathology</i> , 2006, 31, 69-75.	0.3	28
24	Induced resistance in tomato plants promoted by two endophytic bacilli against bacterial speck. <i>Tropical Plant Pathology</i> , 2017, 42, 96-108.	0.8	27
25	Extrato de casca de café, Óleo essencial de tomilho e acibenzolar-S-metil no manejo da cercosporiose-do-cafeeiro. <i>Pesquisa Agropecuaria Brasileira</i> , 2008, 43, 1287-1296.	0.9	26
26	Interaction of <i>Xylella fastidiosa</i> with Different Cultivars of <i>Nicotiana tabacum</i> : a Comparison of Colonization Patterns. <i>Journal of Phytopathology</i> , 2003, 151, 500-506.	0.5	24
27	<i>Citrus sinensis</i> leaf petiole and blade colonization by <i>Xylella fastidiosa</i> : details of xylem vessel occlusion. <i>Scientia Agricola</i> , 2009, 66, 218-224.	0.6	24
28	Chemical sanitizers to control biofilms formed by two <i>Pseudomonas</i> species on stainless steel surface. <i>Food Science and Technology</i> , 2012, 32, 142-150.	0.8	21
29	Yield and Composition of the Essential Oil of <i>Ocimum selloi</i> Benth. Cultivated Under Colored Netting. <i>Journal of Essential Oil Research</i> , 2010, 22, 34-39.	1.3	20
30	<i>Thymus vulgaris</i> essential oil and thymol against <i>Alternaria alternata</i> (Fr.) Keissler: effects on growth, viability, early infection and cellular mode of action. <i>Pest Management Science</i> , 2015, 71, 1371-1378.	1.7	20
31	Biocontrol activity of <i>Bacillus</i> against a GFP-marked <i>Pseudomonas syringae</i> pv. tomato on tomato phylloplane. <i>Australasian Plant Pathology</i> , 2013, 42, 643-651.	0.5	19
32	Bacterial spot and early blight biocontrol by epiphytic bacteria in tomato plants. <i>Pesquisa Agropecuaria Brasileira</i> , 2010, 45, 1381-1387.	0.9	18
33	Alterações morfofisiológicas em folhas de <i>Coffea arabica</i> L. cv. "Oeiras" sob influência do sombreamento por <i>Acacia mangium</i> Willd. <i>Ciencia Rural</i> , 2008, 38, 109-115.	0.3	18
34	Retention Sites for <i>Xylella fastidiosa</i> in Four Sharpshooter Vectors (Hemiptera: Cicadellidae) Analyzed by Scanning Electron Microscopy. <i>Current Microbiology</i> , 2008, 56, 531-538.	1.0	17
35	Antifungal activity and ultrastructural alterations in <i>Pseudocercospora griseola</i> treated with essential oils. <i>Ciencia E Agrotecnologia</i> , 2012, 36, 270-284.	1.5	17
36	Induction and characterization of oil palm ( <i>Elaeis guineensis</i> Jacq.) pro-embryogenic masses. <i>Anais Da Academia Brasileira De Ciencias</i> , 2013, 85, 1545-1556.	0.3	17

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37	Morphological characteristics and cell viability of coffee plants calli. <i>Ciencia Rural</i> , 2014, 44, 660-665.	0.3	17
38	Essential oils for rust control on coffee plants. <i>Ciencia E Agrotecnologia</i> , 2012, 36, 16-24.	1.5	15
39	Influence of Temperature on the Development of Peach Fruit in a Subtropical Climate Region. <i>Agronomy</i> , 2019, 9, 20.	1.3	15
40	Eventos dos processos de prÃ©-penetraÃ§Ã£o, penetraÃ§Ã£o e colonizaÃ§Ã£o de <i>Phakopsora pachyrhizi</i> em folÃ©olos de soja. <i>Tropical Plant Pathology</i> , 2007, 32, 156-160.	0.3	15
41	Ultrastructural calli analysis of <i>Inga vera</i> Willd. subsp. <i>Affinis</i> (DC.) T.D. Penn. <i>Revista Arvore</i> , 2010, 34, 789-796.	0.5	15
42	Bacterial volatile organic compounds induce adverse ultrastructural changes and <sc>DNA</sc> damage to the sugarcane pathogenic fungus <i>Thielaviopsis ethacetica</i>. <i>Environmental Microbiology</i> , 2022, 24, 1430-1453.	1.8	15
43	Essential oils for the control of bacterial speck in tomato crop. <i>African Journal of Agricultural Research Vol Pp</i> , 2014, 9, 2624-2629.	0.2	14
44	Nutrients distribution in diseased coffee leaf tissue. <i>Australasian Plant Pathology</i> , 2015, 44, 105-111.	0.5	14
45	Comparison of methodologies for conidia production by <i>Alternaria alternata</i> from citrus. <i>Brazilian Journal of Microbiology</i> , 2008, 39, 792-798.	0.8	14
46	Citronella essential oil in the control and activation of coffee plants defense response against rust and brown eye spot. <i>Ciencia E Agrotecnologia</i> , 2012, 36, 383-390.	1.5	13
47	Determination of zinc in rice grains using DTZ staining and ImageJ software. <i>Journal of Cereal Science</i> , 2016, 68, 53-58.	1.8	13
48	Effect of cytokinins on in vitro development of autotrophism and acclimatization of <i>Annona glabra</i> L.. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2008, 44, 128-135.	0.9	12
49	Physiological, morphological and biochemical characteristics of the sexual propagation of <i>Piper aduncum</i> (Piperaceae). <i>Revista Brasileira De Botanica</i> , 2011, 34, 297-305.	0.5	12
50	Microorganisms, application timing and fractions as players of the milk-mediated powdery mildew management. <i>Crop Protection</i> , 2012, 40, 8-15.	1.0	12
51	Tolerance to and Accumulation of Cadmium, Copper, and Zinc by <i>Cupriavidus necator</i> . <i>Revista Brasileira De Ciencia Do Solo</i> , 2018, 42, .	0.5	12
52	Morphogenetic potential of native passion fruit ( <i>Passiflora gibertii</i> N. E. Brown.) calli. <i>Revista Brasileira De Botanica</i> , 2013, 36, 141-151.	0.5	11
53	<i>Anadenanthera colubrina</i> (Vell.) Brenan produces steroidal substances that are active against <i>Alternaria alternata</i> (Fr.) Keissler and that may bind to oxysterol-binding proteins. <i>Pest Management Science</i> , 2014, 70, 1815-1822.	1.7	11
54	First Report of <i>Bipolaris micropus</i>, <i>Curvularia geniculata</i>, <i>Epicoccum sorghinum</i>, and <i>Fusarium incarnatum</i> on <i>Paspalum guenoarum</i> Seeds in Rio Grande do Sul, Brazil. <i>Plant Disease</i> , 2017, 101, 1679-1679.	0.7	11

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55	Evaluation of the infection process by <i>Lecanicillium fungicola</i> in <i>Agaricus bisporus</i> by scanning electron microscopy. <i>Revista Iberoamericana De Micologia</i> , 2017, 34, 36-42.	0.4	11
56	Emergência e análise ultraestrutural de plântulas de soja inoculadas com <i>Sclerotinia sclerotiorum</i> sob efeito da aplicação de <i>Trichoderma harzianum</i> . <i>Summa Phytopathologica</i> , 2017, 43, 41-45.	0.3	11
57	<i>Cinnamomum zeylanicum</i> oil and trans-cinnamaldehyde against <i>Alternaria</i> brown spot in tangerine: direct effects and induced resistance. <i>Phytoparasitica</i> , 2019, 47, 575-589.	0.6	11
58	Yeasts and <i>Bacillus</i> spp. as potential biocontrol agents of <i>Sclerotinia sclerotiorum</i> in garlic. <i>Scientia Horticulturae</i> , 2020, 261, 108931.	1.7	11
59	Yeasts isolated from Brazilian fermented foods in the protection against infection by pathogenic food bacteria. <i>Microbial Pathogenesis</i> , 2020, 140, 103969.	1.3	11
60	Histodifferentiation of oil palm somatic embryo development at low auxin concentration. <i>Protoplasma</i> , 2018, 255, 285-295.	1.0	10
61	Diagrammatic scale for assessment of <i>alternaria</i> brown spot severity on tangerine leaves. <i>Journal of Plant Pathology</i> , 2019, 101, 981-990.	0.6	10
62	Antifungal and antimycotoxigenic effect of the essential oil of <i>Eremanthus erythropappus</i> on three different <i>Aspergillus</i> species. <i>Flavour and Fragrance Journal</i> , 2020, 35, 524-533.	1.2	10
63	Longitudinal and radial variation of extractives and total lignin contents in a clone of <i>Eucalyptus grandis</i> W.Hill ex Maiden x <i>Eucalyptus urophylla</i> S. T. Blake. <i>Cerne</i> , 2011, 17, 283-291.	0.9	10
64	Teores de pigmentos fotossintéticos, taxa de fotossíntese e estrutura de cloroplastos de plantas jovens de <i>Mikania laevigata</i> Schultz Bip. ex Baker cultivadas sob malhas coloridas. <i>Semina: Ciências Agrárias</i> , 2011, 32, 1843-1854.	0.1	10
65	Estudos morfo-anatômicos de sementes de dois genótipos de mamão ( <i>Carica papaya</i> L.). <i>Revista Brasileira De Sementes = Brazilian Seed Journal</i> , 2009, 31, 116-122.	0.5	9
66	Efeito de extratos e óleos essenciais de plantas na germinação de uredíniásporos de <i>Phakopsora pachyrhizi</i> . <i>Revista Brasileira De Plantas Mediciniais</i> , 2013, 15, 325-331.	0.3	9
67	Identification and aggressiveness of four isolates of <i>Fusarium oxysporum</i> f.sp. <i>cubense</i> from Latundan banana in Brazil. <i>Journal of Phytopathology</i> , 2017, 165, 257-264.	0.5	9
68	Colored shade nets induced changes in growth, anatomy and essential oil of <i>Pogostemon cablin</i> . <i>Anais Da Academia Brasileira De Ciências</i> , 2018, 90, 1823-1835.	0.3	9
69	Symptoms and Prepenetration Events Associated with the Infection of Common Bean by the Anamorph and Teleomorph of <i>Glomerella cingulata</i> f.sp. <i>phaseoli</i> . <i>Journal of Phytopathology</i> , 2010, 158, 270-277.	0.5	8
70	Morphological and physiological characteristics in vitro anthurium plantlets exposed to silicon. <i>Crop Breeding and Applied Biotechnology</i> , 2017, 17, 18-24.	0.1	8
71	Germinação de uredíniásporos de <i>Phakopsora pachyrhizi</i> em diferentes métodos de armazenamento. <i>Summa Phytopathologica</i> , 2007, 33, 83-85.	0.3	7
72	Cell Viability, Mitotic Index and Callus Morphology of <i>Byrsonima verbascifolia</i> (Malpighiaceae). <i>Tropical Plant Biology</i> , 2015, 8, 87-97.	1.0	7

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73	Alterations in antioxidant metabolism in coffee leaves infected by <i>Cercospora coffeicola</i> . <i>Ciencia Rural</i> , 2016, 46, 1764-1770.	0.3	7
74	Essential oils in the control of dry bubble disease in white button mushroom. <i>Ciencia Rural</i> , 2017, 47, .	0.3	7
75	Two new <i>Ceratobasidium</i> species causing white thread blight on tropical plants in Brazil. <i>Tropical Plant Pathology</i> , 2018, 43, 559-571.	0.8	7
76	Essential oils on the control of stem and ear rot in maize. <i>Ciencia Rural</i> , 2013, 43, 1945-1951.	0.3	7
77	Postharvest Ginger Rhizome Rot Caused by <i>Fusarium verticillioides</i> in Brazil. <i>Plant Disease</i> , 2015, 99, 1177-1177.	0.7	7
78	Control of blast disease caused by <i>Pyricularia oryzae</i> with <i>Epicoccum nigrum</i> and microscopic studies of their interaction with rice plants under greenhouse conditions. <i>Biological Control</i> , 2022, 167, 104840.	1.4	7
79	Toxicological and ultrastructural analysis of the impact of pesticides used in temperate fruit crops on two populations of <i>Chrysoperla externa</i> (Neuroptera, Chrysopidae). <i>Revista Brasileira De Entomologia</i> , 2011, 55, 411-418.	0.1	6
80	<i>Thielaviopsis musarum</i> causes postharvest crown and fruit rot of banana in Northeastern Brazil. <i>Tropical Plant Pathology</i> , 2016, 41, 258-263.	0.8	6
81	Nondairy ice cream based on fermented yam ( <i>Dioscorea</i> sp.). <i>Food Science and Nutrition</i> , 2019, 7, 1899-1907.	1.5	6
82	Eputyfication of <i>Cercospora coffeicola</i> and its involvement with two different symptoms on coffee leaves in Brazil. <i>European Journal of Plant Pathology</i> , 2021, 159, 399-408.	0.8	6
83	Infection process and defense response of two distinct symptoms of <i>Cercospora</i> leaf spot in coffee leaves. <i>Phytoparasitica</i> , 2021, 49, 727-737.	0.6	6
84	Reprodução Sexual em <i>Pyricularia oryzae</i> . <i>Summa Phytopathologica</i> , 2015, 41, 175-182.	0.3	6
85	<i>Sarocladium graminicola</i> , a new endophytic species from tropical grasses. <i>Mycological Progress</i> , 2020, 19, 605-614.	0.5	6
86	Electron microscopy studies of basidiosporogenesis in <i>Agaricus brasiliensis</i> . <i>Mycologia</i> , 2012, 104, 1272-1280.	0.8	5
87	Essential oils and whole milk in the control of soybean powdery mildew. <i>Ciencia Rural</i> , 2013, 43, 1938-1944.	0.3	5
88	Induction and Morpho-Ultrastructural Analysis of Organogenic Calli of a Wild Passionfruit. <i>Brazilian Archives of Biology and Technology</i> , 2014, 57, 851-859.	0.5	5
89	Antibacterial action of the essential oil from <i>Cantinoa carpinifolia</i> benth. Against <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> strains. <i>Flavour and Fragrance Journal</i> , 2020, 35, 99-106.	1.2	5
90	Ultrastructural and antimicrobial impacts of allyl isothiocyanate incorporated in cellulose, cyclodextrin, and carbon nanotubes nanocomposites. <i>Journal of Vinyl and Additive Technology</i> , 2021, 27, 795-805.	1.8	5

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91	Comparison of methodologies for conidia production by <i>Alternaria alternata</i> from citrus. Brazilian Journal of Microbiology, 2008, 39, 792-8.	0.8	5
92	Morphological and ultrastructural analysis of various types of banana callus, cv. Prata anã. Acta Scientiarum - Agronomy, 2012, 34, .	0.6	4
93	Infection process of <i>Pseudocercospora musae</i> on banana leaf. Phytoparasitica, 2017, 45, 317-324.	0.6	4
94	First Report of <i>Pseudonectria buxi</i> Causing Leaf and Stem Blight on Boxwood in Santa Catarina, Brazil. Plant Disease, 2017, 101, 1326.	0.7	4
95	<b>Ultrastructural and cytochemical analysis of physic nut callus tissue in response to different combinations of growth regulators. Acta Scientiarum - Agronomy, 2015, 37, 355.	0.6	3
96	Chalcones to control <i>Alternaria alternata</i> in murcott tangor fruits. Bioscience Journal, 0, , 1512-1521.	0.4	3
97	Ocorrência natural de <i>Greeneria uvicola</i> em uva. Tropical Plant Pathology, 2006, 31, 213-213.	0.3	3
98	Difference between isolates from brown eye spot and black spot lesions in coffee plants. Pesquisa Agropecuaria Brasileira, 0, 54, .	0.9	3
99			

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109	Sodium hypochlorite for sarcotesta remotion from papaya seeds: anatomical studies. <i>Journal of Seed Science</i> , 2015, 37, 228-235.	0.7	1
110	Application of Electron Microscopy to the Study of Host-pathogen Interactions in Plants Infected by the Bacterium <i>Xylella fastidiosa</i> . <i>Microscopy and Microanalysis</i> , 2004, 10, 1438-1439.	0.2	0
111	Caracterizaci3n del limbo de <i>Piper aduncum</i> L. (Piperaceae): An4lisis estructurales, histoqu4micos y de sus aceites esenciales. <i>Gayana - Botanica</i> , 2014, 71, 147-162.	0.3	0
112	<i>Lembosia dianesei</i> sp. nov. associated with <i>Peritassa campestris</i> in Minas Gerais, Brazil. <i>Mycotaxon</i> , 2017, 132, 235-240.	0.1	0
113	Induction and detection of toxin in <i>Cercospora zeina</i> and <i>Cercospora sorghi</i> f. sp. <i>maydis</i> . <i>Revista Brasileirade Ciencias Agrarias</i> , 2014, 9, 31-35.	0.3	0
114	AVALIA4o DA SENSIBILIDADE in vitro DE ISOLADOS DE <i>Colletotrichum</i> spp. 4€ FUNGICIDAS. <i>Nativa</i> , 2020, 8, 01.	0.2	0