## Edson Rodrigues-Filho

List of Publications by Year in descending order

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114 papers 2,457 citations

218677 26 h-index 289244 40 g-index

116 all docs

116 docs citations

116 times ranked 3682 citing authors

#	Article	IF	CITATIONS
1	Purification and characterization of two new antimicrobial molecules produced by an endophytic strain of Paenibacillus polymyxa. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20200486.	0.8	O
2	MALDI-TOF mass spectrometry–based identification of Eurotiales from different substrates and locations in Brazil. Mycological Progress, 2021, 20, 539-548.	1.4	1
3	Exploration of structural, electronic and third order nonlinear optical properties of crystalline chalcone systems: Monoarylidene and unsymmetrical diarylidene cycloalkanones. Journal of Molecular Structure, 2021, 1241, 130685.	3.6	18
4	Development, validation, and application of an HPLC-MS/MS method for quantification of oxidized fatty acids in plants. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1186, 123006.	2.3	2
5	Antiproliferative activity of the dibenzylideneacetone derivate (E)-3-ethyl-4-(4-nitrophenyl)butâ€'3-en-2-one in Trypanosoma cruzi. Acta Tropica, 2020, 211, 105653.	2.0	6
6	Biodegradation of the fungicide Pyraclostrobin by bacteria from orange cultivation plots. Science of the Total Environment, 2020, 746, 140968.	8.0	17
7	Digestion of Intact Gluten Proteins by Bifidobacterium Species: Reduction of Cytotoxicity and Proinflammatory Responses. Journal of Agricultural and Food Chemistry, 2020, 68, 4485-4492.	5.2	10
8	Crystal and Quantum Chemical Exploration of the Potent Monocarbonyl Curcuminoids to Unveil Their Structural and Intriguing Electronic Properties. ChemistrySelect, 2020, 5, 3735-3745.	1.5	9
9	Rapid differentiation of graft Citrus sinensis with and without Xylella fastidiosa infection by mass spectrometry. Rapid Communications in Mass Spectrometry, 2020, 34, e8745.	1.5	4
10	Facile preparation, characterization, SC-XRD and DFT/DTDFT study of diversely functionalized unsymmetrical bis-aryl- $\hat{l}\pm$ , $\hat{l}^2$ -unsaturated ketone derivatives. Journal of Molecular Structure, 2020, 1206, 127755.	3.6	51
11	Activity and Cell-Death Pathway in Leishmania infantum Induced by Sugiol: Vectorization Using Yeast Cell Wall Particles Obtained From Saccharomyces cerevisiae. Frontiers in Cellular and Infection Microbiology, 2019, 9, 208.	3.9	16
12	Chalcone analogues: Synthesis, activity against <i>Meloidogyne incognita</i> , and in silico interaction with cytochrome P450. Journal of Phytopathology, 2019, 167, 197-208.	1.0	10
13	Synthesis, characterization, molecular docking evaluation, antidepressant, and antiâ€Alzheimer effects of dibenzylidene ketone derivatives. Drug Development Research, 2019, 80, 595-605.	2.9	9
14	The structure design of biotransformed unsymmetrical nitro-contained 1,5-diaryl-3-oxo-1,4-pentadienyls for the anti-parasitic activities. Arabian Journal of Chemistry, 2019, 12, 4006-4016.	4.9	7
15	Optimized one-pot synthesis of monoarylidene and unsymmetrical diarylidene cycloalkanones. Arabian Journal of Chemistry, 2019, 12, 4756-4763.	4.9	6
16	Optimization of sample preparation for intact cell mass spectrometry (matrixâ€assisted laser) Tj ETQq0 0 0 rgBT Communications in Mass Spectrometry, 2018, 32, 815-823.	Overlock	2 10 Tf 50 147 2
17	Draft Genome Sequence of the Fungus <i>Penicillium brasilianum</i> (Strain LaBioMMi 136), a Plant Endophyte from <i>Melia azedarach</i> Microbiology Resource Announcements, 2018, 7, .	0.6	8
18	Conjugation of antifungal benzoic acid derivatives as a path for detoxification in Penicillium brasilianum, an endophyte from Melia azedarach. Bioorganic Chemistry, 2018, 81, 367-372.	4.1	7

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19	Symmetrical and unsymmetrical substituted 2,5-diarylidene cyclohexanones as anti-parasitic compounds. European Journal of Medicinal Chemistry, 2018, 155, 596-608.	5.5	17
20	Photolysis of parabens using medium-pressure mercury lamps: Toxicity effects in MCF7, Balb/c 3T3 cells and Ceriodaphnia dubia. Chemosphere, 2018, 208, 325-334.	8.2	19
21	Efficacy of botanical extracts from Brazilian savannah against <i>Diabrotica speciosa </i> and associated bacteria. Ecological Research, 2017, 32, 435-444.	1.5	4
22	Phytotoxicity, structural and computational analysis of 2-methyl-1,5-diarylpentadienones. Journal of Molecular Structure, 2017, 1142, 239-247.	3.6	3
23	Crystal structures, in-silico study and anti-microbial potential of synthetic monocarbonyl curcuminoids. Journal of Molecular Structure, 2017, 1144, 529-534.	<b>3.</b> 6	8
24	A3K2A3-induced apoptotic cell death of Leishmania amazonensis occurs through caspase- and ATP-dependent mitochondrial dysfunction. Apoptosis: an International Journal on Programmed Cell Death, 2017, 22, 57-71.	4.9	17
25	Insights into Penicillium brasilianum Secondary Metabolism and Its Biotechnological Potential. Molecules, 2017, 22, 858.	3.8	27
26	Effects of (1 <i>E</i> ,4 <i>E</i> )-2-Methyl-1,5-bis(4-nitrophenyl)penta-1,4-dien-3-one on <i>Trypanosoma cruzi</i> and Its Combinational Effect with Benznidazole, Ketoconazole, or Fluconazole. BioMed Research International, 2017, 2017, 1-11.	1.9	9
27	Nanostructured Assemblies of Gold and Silver Nanoparticles for Plasmon Enhanced Spectroscopy Using Living Biotemplates. Colloids and Interfaces, 2017, 1, 4.	2.1	8
28	Allelopathy of Bracken Fern (Pteridium arachnoideum): New Evidence from Green Fronds, Litter, and Soil. PLoS ONE, 2016, 11, e0161670.	2.5	28
29	Curcumin inspired synthesis of unsymmetrical diarylpentanoids with highly potent anti-parasitic activities: in silico studies and DFT-based stereochemical calculation. MedChemComm, 2016, 7, 820-831.	3.4	8
30	Dibenzylideneacetones Are Potent Trypanocidal Compounds That Affect the Trypanosoma cruzi Redox System. Antimicrobial Agents and Chemotherapy, 2016, 60, 890-903.	<b>3.</b> 2	31
31	Dichlorinated and Brominated Rugulovasines, Ergot Alkaloids Produced by Talaromyces wortmannii. Molecules, 2015, 20, 17627-17644.	3.8	10
32	Insights into electrodegradation mechanism of tebuconazole pesticide on Bi-doped PbO 2 electrodes. Electrochimica Acta, 2015, 154, 278-286.	<b>5.</b> 2	39
33	Dereplication-guided isolation of depsides thielavins S–T and lecanorins D–F from the endophytic fungus Setophoma sp Phytochemistry, 2015, 111, 154-162.	2.9	15
34	Antibiotic oxylipins from Alternanthera brasiliana and its endophytic bacteria. Phytochemistry, 2015, 110, 72-82.	2.9	40
35	Aryl carboxylic acid reduction and further reactions with GABA and glucose promoted by whole cells of Xylaria arbuscula. Journal of Molecular Catalysis B: Enzymatic, 2015, 113, 90-94.	1.8	9
36	Amycolatopsis rhabdoformis sp. nov., an actinomycete isolated from a tropical forest soil. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 1786-1793.	1.7	8

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37	Cytotoxic compounds from the marine-derived fungus <i>Aspergillus </i> sp. recovered from the sediments of the Brazilian coast. Natural Product Research, 2015, 29, 1545-1550.	1.8	24
38	Bioprospection of Cytotoxic Compounds in Fungal Strains Recovered from Sediments of the Brazilian Coast. Chemistry and Biodiversity, 2015, 12, 432-442.	2.1	25
39	An HPLC Evaluation of Cytochalasin D Biosynthesis by Xylaria arbuscula Cultivated in Different Media. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	4
40	Validated method for phytohormone quantification in plants. Frontiers in Plant Science, 2014, 5, 417.	3.6	121
41	Diversity of Clonostachys species assessed by molecular phylogenetics and MALDI-TOF mass spectrometry. Fungal Biology, 2014, 118, 1004-1012.	2.5	35
42	Biosynthesis of Bromoroquefortines in a High Saline Medium by <i>Penicillium chrysogenum</i> , a Terrestrial Endophyte Collected from <i>Coffea arabica</i> . Helvetica Chimica Acta, 2014, 97, 1345-1353.	1.6	7
43	Unsymmetrical 1,5-diaryl-3-oxo-1,4-pentadienyls and their evaluation as antiparasitic agents. Bioorganic and Medicinal Chemistry, 2014, 22, 1121-1127.	3.0	26
44	Diclofenac on Boron-Doped Diamond Electrode: From Electroanalytical Determination to Prediction of the Electrooxidation Mechanism with HPLC-ESI/HRMS and Computational Simulations. Langmuir, 2014, 30, 5645-5654.	3.5	24
45	Molecular and Kinetic Characterization of Two Extracellular Xylanases Isolated from Leucoagaricus gongylophorus. Applied Biochemistry and Biotechnology, 2014, 173, 694-704.	2.9	4
46	ALLELOPATHIC POTENTIAL OF Serjania lethalis: EVIDENCE FROM Sesamum indicum. Acta Biologica Colombiana, 2014, 20, 31-37.	0.4	0
47	An HPLC evaluation of cytochalasin D biosynthesis by Xylaria arbuscula cultivated in different media. Natural Product Communications, 2014, 9, 1279-82.	0.5	5
48	New fungi for whole-cell biotransformation of carvone enantiomers. Novel p-menthane-2,8,9-triols production. Applied Catalysis A: General, 2013, 468, 88-94.	4.3	16
49	Identification of Alternaria alternata Mycotoxins by LC-SPE-NMR and Their Cytotoxic Effects to Soybean (Glycine max) Cell Suspension Culture. Molecules, 2013, 18, 2528-2538.	3.8	26
50	Mauritic acid: a new dammarane triterpene from the roots of <i>Mauritia flexuosa </i> L.f. (Arecaceae). Natural Product Research, 2013, 27, 2118-2125.	1.8	15
51	Production of 5-hydroxy-7-methoxy-4-methylphthalide in a culture of Penicillium crustosum. Anais Da Academia Brasileira De Ciencias, 2013, 85, 487-496.	0.8	13
52	Larvicidal effects of endophytic and basidiomycete fungus extracts on Aedes and Anopheles larvae (Diptera, Culicidae). Revista Da Sociedade Brasileira De Medicina Tropical, 2013, 46, 411-419.	0.9	15
53	Antioxidant Capacity of the Leaf Extract Obtained from Arrabidaea chica Cultivated in Southern Brazil. PLoS ONE, 2013, 8, e72733.	2.5	49
54	Cytotoxic Activity of Fungal Strains Isolated from the Ascidian <i>Eudistoma vannamei</i> . Chemistry and Biodiversity, 2012, 9, 2203-2209.	2.1	27

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55	Triterpenes and flavonoids from the roots of Mauritia flexuosa. Revista Brasileira De Farmacognosia, 2012, 22, 189-192.	1.4	24
56	Secondary Metabolite Production by the Basidiomycete, Lentinus strigellus, under Different Culture Conditions. Natural Product Communications, 2012, 7, 1934578X1200700.	0.5	5
57	Evaluation of herbicidal potential of depsides from Cladosporium uredinicola, an endophytic fungus found in Guava fruit. Journal of the Brazilian Chemical Society, 2012, 23, 1551-1557.	0.6	11
58	Metabólitos secundários dos nudibrânquios Tambja stegosauriformis, Hypselodoris lajensis e Okenia zoobotryon e dos briozoários Zoobotryon verticillatum e Bugula dentata da costa do Brasil. Quimica Nova, 2012, 35, 2194-2201.	0.3	16
59	Terpenoids from Endophytic Fungi. Molecules, 2011, 16, 10604-10618.	3.8	57
60	Novel anthraquinone derivatives produced by Pestalotiopsis guepinii, an endophytic of the medicinal plant Virola michelii (Myristicaceae). Journal of the Brazilian Chemical Society, 2011, 22, 993-996.	0.6	13
61	Composition of essential oils from Cupressus lusitanica and a Xylariaceous fungus found on its leaves. Biochemical Systematics and Ecology, 2011, 39, 485-490.	1.3	18
62	Phenylpropanoid substituted flavan-3-ols from Trichilia catigua and their in vitro antioxidative activity. Journal of the Brazilian Chemical Society, 2011, 22, 2087-2093.	0.6	34
63	Chemical characterization of <i>Azadirachta indica</i> grafted on <i>Melia azedarach</i> and analyses of azadirachtin by HPLCâ€MSâ€MS (SRM) and meliatoxins by MALDIâ€MS. Phytochemical Analysis, 2010, 21, 363-373.	2.4	19
64	Two novel eremophilane sesquiterpenes from an endophytic Xylariaceous fungus isolated from leaves of Cupressus lusitanica. Journal of the Brazilian Chemical Society, 2010, 21, 1446-1450.	0.6	16
65	Polysaccharide fraction of Agaricus brasiliensis avoids tumor-induced IL-10 production and changes the microenvironment of subcutaneous Ehrlich adenocarcinoma. Cellular Immunology, 2009, 256, 27-38.	3.0	22
66	Methyl angolensate changes in Khaya ivorensis after fungal infection. Phytochemistry, 2009, 70, 2027-2033.	2.9	1
67	High-speed counter-current chromatographic isolation of ricinine, an insecticide from Ricinus communis. Journal of Chromatography A, 2009, 1216, 4290-4294.	3.7	20
68	Isolation of secondary metabolites from Hortia oreadica (Rutaceae) leaves through high-speed counter-current chromatography. Journal of Chromatography A, 2009, 1216, 4275-4281.	3.7	25
69	Isolation of xanthyletin, an inhibitor of ants' symbiotic fungus, by high-speed counter-current chromatography. Journal of Chromatography A, 2009, 1216, 4307-4312.	3.7	32
70	Co-Production of Bisphenylpropanoid Amides and Meroterpenes by an Endophytic Penicillium brasilianum Found in the Root Bark of Melia azedarach. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2009, 64, 355-360.	1.4	19
71	Koninginins, phospholipase A2 inhibitors from endophytic fungus Trichoderma koningii. Toxicon, 2008, 51, 240-250.	1.6	44
72	A new guaiane mannoside from a Eutypa-like fungus isolated from Murraya paniculata in Brazil. Journal of the Brazilian Chemical Society, 2008, 19, 1321-1325.	0.6	12

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73	A new eremophilane-type sesquiterpene from the phytopatogen fungus Lasiodiplodia theobromae (Sphaeropsidaceae). Journal of the Brazilian Chemical Society, 2008, 19, 478-482.	0.6	17
74	Potencial herbicida da biomassa e de substâncias quÃmicas produzidas pelo fungo endofÃŧico Pestalotiopsis guepinii. Planta Daninha, 2008, 26, 539-548.	0.5	7
75	Hydroxylation of a hederagenin derived saponin by a Xylareaceous fungus found in fruits of Sapindus saponaria. Journal of the Brazilian Chemical Society, 2008, 19, 831-835.	0.6	14
76	[NO TITLE AVAILABLE]. Revista Do Instituto De Medicina Tropical De Sao Paulo, 2008, 50, 26-28.	1.1	31
77	Antifungal activity of the extracts and saponins from Sapindus saponaria L Anais Da Academia Brasileira De Ciencias, 2007, 79, 577-583.	0.8	68
78	Analysis of Alternariol and Alternariol Monomethyl Ether on Flavedo and Albedo Tissues of Tangerines (Citrus reticulata) with Symptoms of Alternaria Brown Spot. Journal of Agricultural and Food Chemistry, 2007, 55, 4980-4986.	5.2	48
79	Peptaibols of Trichoderma. Natural Product Reports, 2007, 24, 1128.	10.3	134
80	Inhibition of Photophosphorylation and Electron Transport Chain in Thylakoids by Lasiodiplodin, a Natural Product fromBotryosphaeria rhodina. Journal of Agricultural and Food Chemistry, 2007, 55, 4217-4221.	5.2	20
81	Larvicidal activity of oil-resin fractions from the Brazilian medicinal plant Copaifera reticulata Ducke (Leguminosae-Caesalpinoideae) against Aedes aegypti (Diptera, Culicidae). Revista Da Sociedade Brasileira De Medicina Tropical, 2007, 40, 264-267.	0.9	29
82	Diversidade de policetÃdeos produzidos por espécies de Penicillium isoladas de Melia azedarach e murraya paniculata. Quimica Nova, 2007, 30, 1867-1871.	0.3	23
83	New nitrosyl ruthenium complex [RuCl(NO)(dcype)(bipy)](PF6)2: Synthesis, electrochemistry, NMR and ESI-MS/MS studies. Inorganic Chemistry Communication, 2007, 10, 133-138.	3.9	22
84	Dereplication of glycosides from Sapindus saponaria using liquid chromatography-mass spectrometry. Journal of the Brazilian Chemical Society, 2006, 17, 1281.	0.6	27
85	Tandem mass spectrometry of coprogen and deferoxamine hydroxamic siderophores. Rapid Communications in Mass Spectrometry, 2006, 20, 193-199.	1.5	13
86	A validated higher-performance liquid chromatography method for quantification of cinchonain lb in bark and phytopharmaceuticals of Trichilia catigua used as Catuaba. Journal of Chromatography A, 2006, 1119, 257-263.	3.7	25
87	Four spiroquinazoline alkaloids from Eupenicillium sp. isolated as an endophytic fungus from leaves of Murraya paniculata (Rutaceae). Biochemical Systematics and Ecology, 2005, 33, 257-268.	1.3	43
88	Lanostane triterpenes from the fungus Pisolithus tinctorius. Journal of the Brazilian Chemical Society, 2005, 16, 863-867.	0.6	7
89	C25 steroid epimers produced by Penicillium janthinellum, a fungus isolated from fruits Melia azedarach. Journal of the Brazilian Chemical Society, 2005, 16, 1342-1346.	0.6	31
90	Estudo fitoquÃmico e avaliação da atividade moluscicida do Calophyllum brasiliense Camb (Clusiaceae). Quimica Nova, 2005, 28, 575-578.	0.3	33

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91	Biologically active polyketides produced by Penicillium janthinellum isolated as an endophytic fungus from fruits of Melia azedarach. Journal of the Brazilian Chemical Society, 2005, 16, 280-283.	0.6	94
92	Cytotoxicity, genotoxicity and antimutagenicity of hexane extracts of Agaricus blazei determined in vitro by the comet assay and CHO/HGPRT gene mutation assay. Toxicology in Vitro, 2005, 19, 533-539.	2.4	25
93	Chemical constituents of Cordia piauhiensis: Boraginaceae. Journal of the Brazilian Chemical Society, 2005, 16, 662-665.	0.6	13
94	Complete1H and 13C NMR assignments for two new monodesmoside saponins from Pentaclethra macroloba (Willd.) Kuntze. Magnetic Resonance in Chemistry, 2004, 42, 695-699.	1.9	9
95	Effects of extracts from Brazilian sun-mushroom (Agaricus blazei) on the NK activity and lymphoproliferative responsiveness of Ehrlich tumor-bearing mice. Food and Chemical Toxicology, 2004, 42, 909-916.	3.6	63
96	Triterpenoid saponins from stem bark of Pentaclethra macroloba. Journal of the Brazilian Chemical Society, 2004, 15, 595-602.	0.6	14
97	Electrophysiological responses of female and male Hypsipyla grandella (Zeller) to Swietenia macrophylla essential oils. Journal of Chemical Ecology, 2003, 29, 2143-2151.	1.8	15
98	Enzymatic inhibition studies of selected flavonoids and chemosystematic significance of polymethoxylated flavonoids and quinoline alkaloids in Neoraputia (Rutaceae). Journal of the Brazilian Chemical Society, 2003, 14, 380-387.	0.6	22
99	Structures of meroterpenes produced by Penicillium sp, an endophytic fungus found associated with Melia azedarach. Journal of the Brazilian Chemical Society, 2003, 14, 722-727.	0.6	34
100	Isomeric Triterpenoids From Peritassa Campestris. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2002, 57, 403-406.	1.4	7
101	Hydroxylation of the Labdane Diterpene Cupressic Acid by Fusarium graminearum. Journal of the Brazilian Chemical Society, 2002, 13, 266-269.	0.6	11
102	Extra $\tilde{A}$ § $\tilde{A}$ µes de $\tilde{A}$ ³leos de sementes de citros e suas atividades sobre a formiga cortadeira Atta sexdens e seu fungo simbionte. Quimica Nova, 2002, 25, 1091-1095.	0.3	19
103	Detection and identification of quinonemethide triterpenes inPeritassa campestris by mass spectrometry. Rapid Communications in Mass Spectrometry, 2002, 16, 627-633.	1.5	9
104	Triterpene benzoates from the bark of Picramnia teapensis (Simaroubaceae). Journal of the Brazilian Chemical Society, 2001, 12, 386-390.	0.6	8
105	Sesquiterpene pyridine alkaloids from Peritassa campestris. Phytochemistry, 2001, 58, 1205-1207.	2.9	18
106	A new pentacyclic triterpene isolated from Myroxylon balsamum (syn. Myroxylon peruiferum). Journal of the Brazilian Chemical Society, 2000, 11, 195-198.	0.6	12
107	20(R)- and 20(S)-Simarolide Epimers Isolated from Simaba cuneata: Chemical Shifts Assignment of Carbon and Hydrogen Atoms. Journal of the Brazilian Chemical Society, 1999, 10, 76-84.	0.6	9
108	A New Coumarln from Brosimum Gaudichaudii Trecul. Natural Product Research, 1999, 13, 47-52.	0.4	10

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109	Iridoid and seco-iridoid glucosides from Chioccoca alba (Rubiaceae). Phytochemistry, 1999, 51, 781-785.	2.9	23
110	Chemistry of Toona ciliata and Cedrela odorata graft (Meliaceae): chemosystematic and ecological significance. Pure and Applied Chemistry, 1999, 71, 1083-1087.	1.9	29
111	A New Isoflavone Glycoside fromDalbergianigra. Journal of Natural Products, 1998, 61, 1158-1161.	3.0	20
112	Novel $11\hat{i}$ ±-O- $\hat{i}$ ²-d-Glucopyranosylrotenoid Isolated from Clitoria fairchildiana. Natural Product Research, 1998, 11, 119-126.	0.4	8
113	A New Depside Isolated from the Bark of Rauwolfia mattfeldiana. Journal of the Brazilian Chemical Society, 1998, 9, 91-95.	0.6	3
114	Dimethylchromene rotenoids from Tephrosia candida. Phytochemistry, 1997, 46, 1081-1085.	2.9	56