

Angel Trigos

List of Publications by Year in descending order

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931
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#	ARTICLE	IF	CITATIONS
1	Phosphopantetheinyl Transferase CfwA/NpgA Is Required for <i>Aspergillus nidulans</i> Secondary Metabolism and Asexual Development. <i>Eukaryotic Cell</i> , 2007, 6, 710-720.	3.4	73
2	Inhibition of Bacterial Quorum Sensing by Extracts from Aquatic Fungi: First Report from Marine Endophytes. <i>Marine Drugs</i> , 2014, 12, 5503-5526.	4.6	68
3	Trypanocidal Activity of Ergosterol Peroxide from <i>Pleurotus ostreatus</i> . <i>Phytotherapy Research</i> , 2012, 26, 938-943.	5.8	41
4	Cosmetic dyes as potential photosensitizers of singlet oxygen generation. <i>Dyes and Pigments</i> , 2020, 176, 108248.	3.7	37
5	Selective destruction of microscopic fungi through photo-oxidation of ergosterol. <i>Mycologia</i> , 2002, 94, 563-568.	1.9	34
6	Tyrosol and tryptophol produced by <i>Ceratocystis adiposa</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2007, 23, 1473-1477.	3.6	30
7	Diketopiperazines from Cultures of the Fungus <i>Colletotrichum gloeosporoides</i> . <i>Natural Product Research</i> , 1997, 11, 13-16.	0.4	26
8	Photo-oxidation of ergosterol: Indirect detection of antioxidants photosensitizers or quenchers of singlet oxygen. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 145, 30-34.	3.8	25
9	Macrophominol, a diketopiperazine from cultures of <i>Macrophomina phaseolina</i> . <i>Phytochemistry</i> , 1995, 40, 1697-1698.	2.9	19
10	The Amoebicidal Effect of Ergosterol Peroxide Isolated from <i>Pleurotus ostreatus</i> . <i>Phytotherapy Research</i> , 2015, 29, 1982-1986.	5.8	18
11	The role of macrosporin in necrotic spots. <i>Phytochemistry Letters</i> , 2011, 4, 122-125.	1.2	17
12	Theoretical Study on the Photosensitizer Mechanism of Phenalenone in Aqueous and Lipid Media. <i>Journal of Physical Chemistry A</i> , 2016, 120, 6103-6110.	2.5	16
13	Antiproliferative Activity and Cytotoxicity of Some Medicinal Wood-Destroying Mushrooms from Russia. <i>International Journal of Medicinal Mushrooms</i> , 2018, 20, 1-11.	1.5	16
14	Three Diketopiperazines from the Cultivated Fungus <i>Fusarium oxysporum</i> . <i>Natural Product Research</i> , 1995, 6, 241-246.	0.4	15
15	Theoretical study on the oxidative damage to cholesterol induced by peroxy radicals. <i>Journal of Physical Organic Chemistry</i> , 2015, 28, 504-508.	1.9	14
16	Isolation and Characterization of Bioactive Metabolites from Fruiting Bodies and Mycelial Culture of <i>Ganoderma oerstedii</i> (Higher Basidiomycetes) from Mexico. <i>International Journal of Medicinal Mushrooms</i> , 2015, 17, 501-509.	1.5	13
17	Selective Destruction of Microscopic Fungi through Photo-Oxidation of Ergosterol. <i>Mycologia</i> , 2002, 94, 563.	1.9	12
18	Ergosterol Peroxide Isolated from Oyster Medicinal Mushroom, <i>Pleurotus ostreatus</i> (Agaricomycetes), Potentially Induces Radiosensitivity in Cervical Cancer. <i>International Journal of Medicinal Mushrooms</i> , 2020, 22, 1109-1119.	1.5	12

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19	An anthrone from <i>Picramnia antidesma</i> . <i>Phytochemistry</i> , 1998, 49, 2599-2601.	2.9	11
20	Mechanism and kinetics of the oxidative damage to ergosterol induced by peroxy radicals in lipid media: a theoretical quantum chemistry study. <i>Journal of Physical Organic Chemistry</i> , 2016, 29, 196-203.	1.9	11
21	On the primary and secondary antioxidant activity from hydroxy-methylcoumarins: experimental and theoretical studies. <i>Journal of Physical Organic Chemistry</i> , 2020, 33, e4025.	1.9	11
22	Mayoside, an oxanthrone from <i>Picramnia hirsuta</i> . <i>Phytochemistry</i> , 1996, 43, 279-281.	2.9	10
23	Chemical diversity and potential biological functions of the pygidial gland secretions in two species of Neotropical dung roller beetles. <i>Chemoecology</i> , 2015, 25, 201-213.	1.1	10
24	Scavenging Ability of Homogentisic Acid and Ergosterol toward Free Radicals Derived from Ethanol Consumption. <i>Journal of Physical Chemistry B</i> , 2018, 122, 7514-7521.	2.6	10
25	Isolation, Characterization, and Production of Red Pigment from <i>Cercospora piaropi</i> a Biocontrol Agent for Waterhyacinth. <i>Mycopathologia</i> , 2010, 169, 309-314.	3.1	9
26	Singlet Oxygen Detection Using Red Wine Extracts as Photosensitizers. <i>Journal of Food Science</i> , 2017, 82, 2051-2055.	3.1	9
27	Insights into Ergosterol Peroxide's Trypanocidal Activity. <i>Biomolecules</i> , 2019, 9, 484.	4.0	9
28	Genetic diversity and drug susceptibility of <i>Mycobacterium tuberculosis</i> in a city with a high prevalence of drug resistant tuberculosis from Southeast of Mexico. <i>BMC Infectious Diseases</i> , 2021, 21, 1202.	2.9	9
29	<i>Ganoderma oerstedii</i> (Fr.) Murrill (Higher Basidiomycetes), a Tree Parasite Species in Mexico: Taxonomic Description, rDNA Study, and Review of its Medical Applications. <i>International Journal of Medicinal Mushrooms</i> , 2011, 13, 545-552.	1.5	8
30	Antiproliferative effect of extract from endophytic fungus <i>Curvularia trifolii</i> isolated from the Veracruz Reef System in Mexico. <i>Pharmaceutical Biology</i> , 2016, 54, 1392-1397.	2.9	8
31	On the peroxy radical scavenging ability of Î²-sitosterol in lipid media: A theoretical study. <i>Journal of Physical Organic Chemistry</i> , 2021, 34, .	1.9	8
32	HS/GC-MS Analyzed Chemical Composition of the Aroma of Fruiting Bodies of Two Species of Genus <i>Lentinus</i> (Higher Basidiomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2014, 16, 477-484.	1.5	8
33	Serratin a new metabolite obtained from <i>Serratia marcescens</i> , a bacterium isolated from the microflora associated with banana plantations. <i>Natural Product Research</i> , 2013, 27, 49-53.	1.8	7
34	Exploring photosensitization as an efficient antifungal method. <i>Scientific Reports</i> , 2018, 8, 14489.	3.3	6
35	Diketopiperazines from Cultures of Fungus <i>Pestalotia palmarum</i> . <i>Natural Product Research</i> , 1996, 8, 199-205.	0.4	5
36	Ergosterol from <i>Phytophthora drechsleri</i> , a unusual metabolite of a member of this genus. <i>Mycopathologia</i> , 2005, 159, 469-471.	3.1	5

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37	Antiproliferative activity of biomass extract from <i>Pseudomonas cedrina</i> . <i>Electronic Journal of Biotechnology</i> , 2019, 40, 40-44.	2.2	5
38	Biological Activities of Different Strains of the Genus <i>Ganoderma</i> spp. (Agaricomycetes) from Mexico. <i>International Journal of Medicinal Mushrooms</i> , 2021, 23, 67-77.	1.5	5
39	In Silico Analysis of Lanostanoids Characterized in <i>Ganoderma</i> Mushrooms (Agaricomycetes) as Potential Ligands of the Vitamin D Receptor. <i>International Journal of Medicinal Mushrooms</i> , 2016, 18, 1037-1047.	1.5	5
40	The homolytic fragmentation of 1-hydroperoxy-eudesmanolides. <i>Tetrahedron Letters</i> , 1987, 28, 4203-4204.	1.4	4
41	Biomimetic synthesis of 1,10-sec-eudesmanolides. <i>Tetrahedron</i> , 1988, 44, 6745-6749.	1.9	4
42	Ergosterol exerts a differential effect on AR-dependent LNCaP and AR-independent DU-145 cancer cells. <i>Natural Product Research</i> , 2021, 35, 4857-4860.	1.8	4
43	In Vitro Expression of Toll-Like Receptors and Proinflammatory Molecules Induced by Ergosta-7,22-Dien-3-One Isolated from a Wild Mexican Strain of <i>Ganoderma oerstedii</i> (Agaricomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2017, 19, 203-211.	1.5	4
44	Cytotoxic activity and induction of inflammatory mediators of the methanol:chloroform extract of <i>Fusarium moniliforme</i> . <i>Revista Iberoamericana De Micologia</i> , 2015, 32, 235-241.	0.9	3
45	<i>Stethobaroides nudiventris</i> (Coleoptera: Curculionidae), the Curculionid Cause of Petal Wilting on the <i>Catasetum integerrimum</i> Orchid. <i>Annals of the Entomological Society of America</i> , 2016, 109, 845-849.	2.5	3
46	Antiproliferative potential of 3 β ,5 β ,6 β ,7 β -tetrahydroxyergosta-8(14),22-diene produced by <i>Acremonium persicinum</i> isolated from an alkaline crater lake in Puebla, Mexico. <i>Natural Product Research</i> , 2021, 35, 2895-2898.	1.8	3
47	Oxidative foliar photo-necrosis produced by the bacteria <i>Pseudomonas cedrina</i> . <i>Electronic Journal of Biotechnology</i> , 2020, 44, 14-18.	2.2	3
48	Antagonistic activity of hydroxycoumarin-based antioxidants as possible singlet oxygen precursor photosensitizers. <i>Dyes and Pigments</i> , 2021, 192, 109447.	3.7	3
49	Molecular Dynamics and Virtual Screening Analysis of Lanosterol Derivatives from <i>Ganoderma</i> Medicinal Mushrooms (Agaricomycetes) as Selective Ligands of Human Androgen Receptor. <i>International Journal of Medicinal Mushrooms</i> , 2017, 19, 595-605.	1.5	3
50	Bioprospecting of fungi with antiproliferative activity from the mangrove sediment of the Tampamachoco coastal lagoon, Veracruz, Mexico. <i>Scientia Fungorum</i> , 0, 48, 53-60.	0.3	3
51	Photodynamic treatment induced membrane cell damage in <i>Acanthamoeba castellanii</i> Neff. <i>Dyes and Pigments</i> , 2020, 180, 108481.	3.7	2
52	Antiproliferative and antibacterial activity of extracts of <i>Ganoderma</i> strains grown in vitro. <i>Food Science and Biotechnology</i> , 2021, 30, 711-721.	2.6	2
53	Elucidating Molecular Interactions of Ten Natural Compounds Targeting E6 HPV High Risk Oncoproteins Using Microsecond Molecular Dynamics Simulations. <i>Medicinal Chemistry</i> , 2021, 17, 587-600.	1.5	2
54	Antiproliferative activity of epi-cercosporin in human solid tumor cell lines. <i>Natural Product Communications</i> , 2013, 8, 187-9.	0.5	2

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55	Antiproliferative Activity of epi-Cercosporin in Human Solid Tumor Cell Lines. Natural Product Communications, 2013, 8, 1934578X1300800.	0.5	1
56	Insight on the pro-oxidant capability of amphotericin B in lipid media: A theoretical study. Journal of Physical Organic Chemistry, 2021, 34, e4167.	1.9	1
57	Structure-Based Virtual Screening of Sterols and Triterpenoids Isolated from Ganoderma (Agaricomycetes) Medicinal Mushrooms Shows Differences in Their Affinity for Human Glucocorticoid and Mineralocorticoid Receptors. International Journal of Medicinal Mushrooms, 2021, 23, 1-13.	1.5	1
58	Activity In Vitro of 2-Chloro-N-[4-(4-Chlorophenyl)-2-Thiazolyl]Acetamide Against Promastigotes of Leishmania mexicana: An Apoptosis Inducer. Acta Parasitologica, 2021, 66, 1068-1073.	1.1	1
59	In vitro antiproliferative and antioxidant activity of three fungal strains from the White sea. Polar Science, 2021, 29, 100724.	1.2	1
60	Aislamiento in vitro e identificación de Leucoagaricus gongylophorus de un jardín de hongos de Atta mexicana (Hymenoptera:Formicidae). Scientia Fungorum, 0, 46, .	0.3	1
61	First report of the cherry borer Grapholita packardii (Zeller) (Lepidoptera: Tortricidae) attacking hawthorn fruits (Crataegus mexicana) in Veracruz, Mexico. Revista De La Sociedad Entomologica Argentina, 2018, 77, 22-25.	0.2	1
62	Antioxidant capacity of fungi associated with corals and sponges of the reef system of Veracruz, Mexico. Electronic Journal of Biotechnology, 2022, 55, 40-46.	2.2	1
63	An unusual food plant for Cydia pomonella (Linnaeus) (Lepidoptera, Tortricidae) in Mexico. Revista Brasileira De Entomologia, 2014, 58, 261-264.	0.4	0
64	investigación como herramienta en la formación de recursos humanos, un punto de vista desde la Universidad Veracruzana. Educacion Quimica, 2021, , 4-8.	0.0	0
65	Trypanocidal Effect of Nano MOFs-EP on Circulating Forms of Trypanosoma cruzi. Iranian Journal of Parasitology, 0, , .	0.6	0
66	Trypanocidal Effect of Nano MOFs-EP on Circulating Forms of. Iranian Journal of Parasitology, 2020, 15, 115-123.	0.6	0