

Andres Quiroz

List of Publications by Year in descending order

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34
papers

742
citations

567281

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26
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#	ARTICLE	IF	CITATIONS
1	Microbial volatiles as plant growth inducers. <i>Microbiological Research</i> , 2018, 208, 63-75.	5.3	182
2	Ligand binding and homology modelling of insect odorant-binding proteins. <i>Physiological Entomology</i> , 2014, 39, 183-198.	1.5	57
3	Growth promotion of <i>Lactuca sativa</i> in response to volatile organic compounds emitted from diverse bacterial species. <i>Microbiological Research</i> , 2016, 193, 39-47.	5.3	46
4	Current advances in plant-microbe communication via volatile organic compounds as an innovative strategy to improve plant growth. <i>Microbiological Research</i> , 2021, 247, 126726.	5.3	46
5	Evolution of aroma compounds of murtilla fruits (<i>Ugni molinae</i> Turcz) during storage. <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 485-492.	3.5	42
6	Identification of volatiles from differently aged red clover (<i>Trifolium pratense</i>) root extracts and behavioural responses of clover root borer (<i>Hylastinus obscurus</i>) (Marsham) (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 537 Td	1.4	31
7	Volatiles Released From <i>Vaccinium corymbosum</i> Were Attractive to <i>Aegorhinus superciliosus</i> (Coleoptera: Curculionidae) in an Olfactometric Bioassay. <i>Environmental Entomology</i> , 2009, 38, 781-789.	1.4	31
8	Volatiles emitted by <i>Bacillus</i> sp. BCT9 act as growth modulating agents on <i>Lactuca sativa</i> seedlings. <i>Microbiological Research</i> , 2017, 203, 47-56.	5.3	29
9	Domestication in Murtilla (<i>Ugni molinae</i>) Reduced Defensive Flavonol Levels but Increased Resistance Against a Native Herbivorous Insect. <i>Environmental Entomology</i> , 2015, 44, 627-637.	1.4	28
10	Behavioral Responses of Clover Root Borer to Long-Chain Fatty Acids From Young Red Clover (<i>Trifolium pratense</i>) Roots. <i>Environmental Entomology</i> , 2011, 40, 399-404.	1.4	27
11	Response of the Beetle <i>Hylastinus obscurus</i> Marsham (Coleoptera: Scolytidae) to Red Clover (<i>Trifolium pratense</i> L.) Volatiles in a Laboratory Olfactometer. <i>Environmental Entomology</i> , 2005, 34, 690-695.	1.4	24
12	Evidence of Contact Pheromone Use in Mating Behavior of the Raspberry Weevil (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	1.4	24
13	Antibacterial Activity of Alkaloid Fractions from <i>Berberis microphylla</i> G. Forst and Study of Synergism with Ampicillin and Cephalothin. <i>Molecules</i> , 2016, 21, 76.	3.8	19
14	Virtual Screening of Plant Volatile Compounds Reveals a High Affinity of <i>Hylamorpha elegans</i> (Coleoptera: Scarabaeidae) Odorant-Binding Proteins for Sesquiterpenes From Its Native Host. <i>Journal of Insect Science</i> , 2016, 16, 30.	1.5	18
15	Antifeedant Effects of Essential Oil, Extracts, and Isolated Sesquiterpenes from <i>Pilgerodendron uviferum</i> (D. Don) Florin Heartwood on Red Clover Borer <i>Hylastinus obscurus</i> (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	3.8	14
16	Repellent Activity of the Essential Oil from the Heartwood of <i>Pilgerodendron uviferum</i> (D. Don) Florin against <i>Aegorhinus superciliosus</i> (Coleoptera: Curculionidae). <i>Molecules</i> , 2016, 21, 533.	3.8	14
17	Electroantennographic and Behavioral Responses of Adults of Raspberry Weevil <i>Aegorhinus superciliosus</i> (Coleoptera: Curculionidae) to Odors Released From Conspecific Females. <i>Environmental Entomology</i> , 2010, 39, 1276-1282.	1.4	12
18	Physiological response of <i>Lactuca sativa</i> exposed to 2-nonanone emitted by <i>Bacillus</i> sp. BCT9. <i>Microbiological Research</i> , 2019, 219, 49-55.	5.3	11

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19	Plant Flavonoid Content Modified by Domestication. <i>Environmental Entomology</i> , 2017, 46, 1080-1089.	1.4	10
20	Antifeedant activity of red clover root isoflavonoids on <i>Hylastinus obscurus</i> . <i>Journal of Soil Science and Plant Nutrition</i> , 2017, , 0-0.	3.4	10
21	Plant growth induction by volatile organic compound released from solid lipid nanoparticles and nanostructured lipid carriers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 596, 124739.	4.7	10
22	Formulation of a controlled-release delivery carrier for volatile organic compounds using multilayer O/W emulsions to plant growth. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 580, 123738.	4.7	9
23	Evaluation of <i>Drimys winteri</i> (Canelo) Essential Oil as Insecticide against <i>Acanthoscelides obtectus</i> (Coleoptera: Bruchidae) and <i>Aegorhinus superciliosus</i> (Coleoptera: Curculionidae). <i>Insects</i> , 2020, 11, 335.	2.2	8
24	Diversity and distribution of the <i>Aegorhinus</i> genus in the La AraucanÃa Region of Chile, with special reference to <i>A. superciliosus</i> and <i>A. nodipennis</i> . <i>Ciencia E Investigacion Agraria</i> , 2011, 38, 367-377.	0.2	8
25	Field response of <i>Hylastinus obscurus</i> Marsham (Coleoptera: Curculionidae) to E-2-hexenal and limonene, two host-derived semiochemicals. <i>Ciencia E Investigacion Agraria</i> , 2013, 40, 637-642.	0.2	5
26	Insecticidal, Repellent and Antifeedant Activity of Essential Oils from <i>Blepharocalyx cruckshanksii</i> (Hook. & Arn.) Nied. Leaves and <i>Pilgerodendron uviferum</i> (D. Don) Florin Heartwood against Horn Flies, <i>Haematobia irritans</i> (Diptera: Muscidae). <i>Molecules</i> , 2021, 26, 6936.	3.8	5
27	Restoration of flavonols and isoflavonoids in <i>Ugni molinae</i> subjected to a reciprocal transplant experiment in a domestication framework. <i>Chemistry and Ecology</i> , 2019, 35, 115-127.	1.6	3
28	Arbuscular mycorrhizal fungi enhance monoterpene production in red clover (<i>Trifolium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (Cu)	1.8	3
29	Antifeedant Activities of Organic Fractions from <i>Cestrum parqui</i> Leaves on the Red-Haired Bark Beetle <i>Hylurgus ligniperda</i> . <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 13-21.	3.4	2
30	Influence of long-chain fatty acids on weight gain of <i>Hylastinus obscurus</i> (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (Cu)	0.2	1
31	Formulation of a Controlled-Release Carrier for 2-ketones Based on Solid Lipid Nanoparticles to Increase Seedling Growth in <i>Lactuca sativa</i> and <i>Solanum lycopersicum</i> . <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 3002-3015.	3.4	1
32	Optimization of enzymatic parameters for the production of formononetin from red clover (<i>Trifolium pratense</i> L.) through a response surface methodology. <i>Natural Product Research</i> , 2021, , 1-6.	1.8	1
33	The Prospection of Plant Response to 2-Ketones Released from Nanostructured Lipid Carriers. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 1474-1483.	3.4	0
34	Domestication of Plants of <i>Ugni molinae</i> Turcz (Myrtaceae) Interferes in the Biology of <i>Chilesia rudis</i> (Lepidoptera: Erebidæ) Larvae. <i>Molecules</i> , 2021, 26, 2063.	3.8	0