

# Moacir Rossi Forim

## List of Publications by Year in descending order

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79  
papers

1,097  
citations

394421

19  
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501196

28  
g-index

79  
all docs

79  
docs citations

79  
times ranked

1495  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Symbiotic Fungus <i>Leucoagaricus gongylophorus</i> (Müller) Singer (Agaricales, Agaricaceae) as a Target Organism to Control Leaf-Cutting Ants. <i>Insects</i> , 2022, 13, 359.	2.2	1
2	Evaluation of lignan-loaded poly( $\epsilon$ -caprolactone) nanoparticles: synthesis, characterization, <i>in vivo</i> and <i>in silico</i> schistosomicidal activity. <i>Natural Product Research</i> , 2022, 36, 5872-5878.	1.8	4
3	Characterization of <i>Zanthoxylum rhoifolium</i> (Sapindales: Rutaceae) Essential Oil Nanospheres and Insecticidal Effects to <i>Bemisia tabaci</i> (Sternorrhyncha: Aleyrodidae). <i>Plants</i> , 2022, 11, 1135.	3.5	4
4	Morphological and chemical plant traits associated with feeding non-preference to adult of <i>Diabrotica speciosa</i> (Coleoptera: Chrysomelidae) in soybean genotypes. <i>Bulletin of Entomological Research</i> , 2022, , 1-9.	1.0	0
5	Avocado kernels, an industrial residue: a source of compounds with insecticidal activity against silverleaf whitefly. <i>Environmental Science and Pollution Research</i> , 2021, 28, 2260-2268.	5.3	11
6	Chemical composition and antifungal activity of <i>Zanthoxylum riedelianum</i> stem bark essential oil. <i>Natural Product Research</i> , 2021, , 1-6.	1.8	0
7	Lignin-based compounds for the microencapsulation of neem extract for the control of <i>Diabrotica speciosa</i> (Coleoptera: Chrysomelidae) larvae on maize roots. <i>Phytoparasitica</i> , 2021, 49, 959.	1.2	3
8	Chemical composition and antifungal potential of essential oils from different aerial parts of <i>Protium ovatum</i> Engl. <i>Australian Journal of Crop Science</i> , 2021, , 570-576.	0.3	2
9	Octahedral ruthenium and magnesium naringenin 5-alkoxide complexes: NMR analysis of diastereoisomers and <i>in vivo</i> antibacterial activity against <i>Xylella fastidiosa</i> . <i>Talanta</i> , 2021, 225, 122040.	5.5	5
10	Soybean leaf age and plant stage influence expression of resistance to velvetbean caterpillar and fall armyworm. <i>Chemoecology</i> , 2021, 31, 377-390.	1.1	4
11	Encapsulation of <i>B. bassiana</i> in Biopolymers: Improving Microbiology of Insect Pest Control. <i>Frontiers in Microbiology</i> , 2021, 12, 704812.	3.5	14
12	Synthesis and characterization of silver(I) complexes bearing phenanthroline derivatives as ligands: Cytotoxicity and DNA interaction evaluation. <i>Inorganic Chemistry Communication</i> , 2021, 131, 108757.	3.9	6
13	Endophytic bacteria from strawberry plants control gray mold in fruits via production of antifungal compounds against <i>Botrytis cinerea</i> L.. <i>Microbiological Research</i> , 2021, 251, 126793.	5.3	21
14	Design of experiments applied to stress testing of pharmaceutical products: A case study of Albendazole. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 165, 105939.	4.0	6
15	To separate or not to separate: what is necessary and enough for a green and sustainable extraction of bioactive compounds from Brazilian citrus waste. <i>Pure and Applied Chemistry</i> , 2021, 93, 13-27.	1.9	8
16	Solvent Mixture Optimization in the Extraction of Bioactive Compounds and Antioxidant Activities from Garlic ( <i>Allium sativum</i> L.). <i>Molecules</i> , 2021, 26, 6026.	3.8	12
17	Chemical composition and <i>in vitro</i> inhibitory effects of essential oils from fruit peel of three Citrus species and limonene on mycelial growth of <i>Sclerotinia sclerotiorum</i> . <i>Brazilian Journal of Biology</i> , 2020, 80, 460-464.	0.9	22
18	Grain-protectant compounds from <i>Duguetia lanceolata</i> (Annonaceae) derivatives: Bioassay-guided searching and toxicity against the maize weevil. <i>Journal of Stored Products Research</i> , 2020, 85, 101549.	2.6	6

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19	Evaluation of the microencapsulation of orange essential oil in biopolymers by using a spray-drying process. <i>Scientific Reports</i> , 2020, 10, 11799.	3.3	22
20	Advances in the Biosynthesis of Pyranocoumarins: Isolation and <sup>13</sup> C-Incorporation Analysis by High-Performance Liquid Chromatography–Ultraviolet–Solid-Phase Extraction–Nuclear Magnetic Resonance Data. <i>Journal of Natural Products</i> , 2020, 83, 1409-1415.	3.0	10
21	Rapid differentiation of graft Citrus sinensis with and without Xylella fastidiosa infection by mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8745.	1.5	4
22	In natura and nanoencapsulated essential oils from Xylopia aromatica reduce oviposition of Bemisia tabaci in Phaseolus vulgaris. <i>Journal of Pest Science</i> , 2020, 93, 807-821.	3.7	21
23	Extraction and Characterization of Lignin from Corn Straw (Zea mays L.). <i>Revista Virtual De Quimica</i> , 2020, 12, 1441-1452.	0.4	1
24	Chemical composition and <i>in vitro</i> antibacterial and antiproliferative activities of the essential oil from the leaves of <i>Psidium myrtoides</i> O. Berg (Myrtaceae). <i>Natural Product Research</i> , 2019, 33, 2566-2570.	1.8	24
25	Determination of B-complex vitamins in pharmaceutical formulations by surface-enhanced Raman spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 188, 589-595.	3.9	24
26	Isolation of Chavibetol and Methyleugenol from Essential Oil of Pimenta pseudocaryophyllus by High Performance Liquid Chromatography. <i>Molecules</i> , 2018, 23, 2909.	3.8	11
27	Biological and Chemical Control of <i>Sclerotinia sclerotiorum</i> using <i>Stachybotrys levispora</i> and Its Secondary Metabolite Criseofulvin. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 7627-7632.	5.2	19
28	Characterization of Nanospheres Containing Zanthoxylum riedelianum Fruit Essential Oil and Their Insecticidal and Deterrent Activities against Bemisia tabaci (Hemiptera: Aleyrodidae). <i>Molecules</i> , 2018, 23, 2052.	3.8	21
29	Atratividade, consumo e mortalidade de Tuta absoluta (Lepidoptera: Gelechiidae) em tomateiro tratado com Óleo de Melia azedarach. <i>Revista De Ciências Agrárias</i> , 2018, 41, 454-463.	0.2	0
30	MALDI-TOF MS identification of microbiota associated with pest insect <i>Diabrotica speciosa</i> . <i>Agricultural and Forest Entomology</i> , 2017, 19, 408-417.	1.3	11
31	Efficacy of botanical extracts from Brazilian savannah against <i>Diabrotica speciosa</i> and associated bacteria. <i>Ecological Research</i> , 2017, 32, 435-444.	1.5	4
32	Compounds from Duguetia lanceolata St.-Hil. (Annonaceae) bioactive against Zabrotes subfasciatus (Boheman) (Coleoptera: Chrysomelidae: Bruchinae). <i>Industrial Crops and Products</i> , 2017, 97, 360-367.	5.2	16
33	Essential oil repellent action of plants of the genus Zanthoxylum against Bemisia tabaci biotype B (Homoptera: Aleyrodidae). <i>Scientia Horticulturae</i> , 2017, 226, 327-332.	3.6	13
34	Identification of Meliatoxins in Melia azedarach Extracts Using Mass Spectrometry for Quality Control. <i>Planta Medica</i> , 2017, 83, 312-317.	1.3	5
35	A Simple Defined Medium for the Production of True Diketopiperazines in Xylella fastidiosa and Their Identification by Ultra-Fast Liquid Chromatography-Electrospray Ionization Ion Trap Mass Spectrometry. <i>Molecules</i> , 2017, 22, 985.	3.8	11
36	Antifungal Polyketides and Other Compounds from Amazonian Endophytic Talaromyces Fungi. <i>Journal of the Brazilian Chemical Society</i> , 2017, , .	0.6	3

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37	FOURIER TRANSFORM INFRARED SPECTROSCOPY, THERMOGRAVIMETRIC ANALYSIS, SCANNING ELECTRON MICROSCOPY AS SUPPORTING TOOLS IN QUALITY CONTROL OF ANTIPARASITICS. <i>Quimica Nova</i> , 2017, , .	0.3	5
38	<b>Compatibility of polymers to fungi <i>Beauveria bassiana</i> and </i>Metarhizium anisopliae</i> and their formulated products stability. <i>Acta Scientiarum - Agronomy</i> , 2017, 39, 457.	0.6	15
39	Evaluation of neem-based nanoformulations as alternative to control fall armyworm. <i>Ciencia E Agrotecnologia</i> , 2016, 40, 26-36.	1.5	36
40	Use of Lignins from Sugarcane Bagasse for Assembling Microparticles Loaded with<i>Azadirachta indica</i>Extracts for Use as Neem-Based Organic Insecticides. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	9
41	Rapid Detection of ACTG- and AK-Toxins in<i>Alternaria alternata</i>by LC-ESI-MS/MS Analysis and Antifungal Properties of Citrus Compounds. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	0
42	Erosion and abrasion-inhibiting in situ effect of the <i>Euclea natalensis</i> plant of African regions. <i>Brazilian Oral Research</i> , 2016, 30, .	1.4	4
43	Essential Oil Variation from Twenty Two Genotypes of Citrus in Brazil&quot;Chemometric Approach and Repellency Against <i>Diaphorina citri</i> Kuwayama. <i>Molecules</i> , 2016, 21, 814.	3.8	12
44	Catalytic Wet Air Oxidation of Methyl Orange Onto Pt and Pt&quot;TiO&lt;SUB&gt;2&lt;/SUB&gt;. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 10040-10047.	0.9	6
45	Antibiosis levels of common bean genotypes toward <i>Zabrotes subfasciatus</i> (Bohemian) (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Over 2.6 14	0.784314	14
46	Lethal and Sublethal Toxicities of<i>Annona sylvatica</i>(Magnoliales: Annonaceae) Extracts to<i>Zabrotes subfasciatus</i>(Coleoptera: Chrysomelidae: Bruchinae). <i>Florida Entomologist</i> , 2015, 98, 921-928.	0.5	17
47	Concerns and Considerations about the Quality Control of Natural Products Using Chromatographic Methods. <i>Current Chromatography</i> , 2015, 2, 20-31.	0.3	14
48	Application of a Quantitative HPLC-ESI-MS/MS Method for Flavonoids in Different Vegetables Matrices. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	6
49	Efeito inseticida sist&acirc;mico de nanoformula&Atilde; base de nim sobre <i>Bemisia tabaci</i> (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Over 1.3 17	0.784314	17
50	Phytotoxicity and Identification of Secondary Metabolites of <i>Sapindus saponaria</i> L. Leaf Extract. <i>Journal of Plant Growth Regulation</i> , 2015, 34, 339-349.	5.1	13
51	Quantification and localization of hesperidin and rutin in <i>Citrus sinensis</i> grafted on <i>C. limonia</i> after <i>Xylella fastidiosa</i> infection by HPLC-UV and MALDI imaging mass spectrometry. <i>Phytochemistry</i> , 2015, 115, 161-170.	2.9	57
52	Toxicity of an azadirachtin-based biopesticide on <i>Diaphorina citri</i> Kuwayama (Hemiptera: Liviidae) and its ectoparasitoid <i>Tamarixia radiata</i> (Waterston) (Hymenoptera: Eulophidae). <i>Crop Protection</i> , 2015, 74, 116-123.	2.1	22
53	Effects of different formulations of neem oil-based products on control <i>Zabrotes subfasciatus</i> (Bohemian, 1833) (Coleoptera: Bruchidae) on beans. <i>Journal of Stored Products Research</i> , 2014, 56, 49-53.	2.6	70
54	Green chemistry, sustainable agriculture and processing systems: a Brazilian overview. <i>Chemical and Biological Technologies in Agriculture</i> , 2014, 1, .	4.6	31

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55	New Limonoids from <i>Hortia oreadica</i> and Unexpected Coumarin from <i>H. superba</i> Using Chromatography over Cleaning Sephadex with Sodium Hypochlorite. <i>Molecules</i> , 2014, 19, 12031-12047.	3.8	4
56	DEVELOPMENT AND VALIDATION OF A RP-HPLC METHOD TO DETERMINE THE XANTHYLETIN CONTENT IN BIODEGRADABLE POLYMERIC NANOPARTICLES. <i>Quimica Nova</i> , 2014, , .	0.3	0
57	Biodegradation of 1,2,3,4-tetrachlorodibenzo-p-dioxin in liquid broth by brown-rot fungi. <i>Bioresource Technology</i> , 2013, 148, 624-627.	9.6	4
58	Development of a New Method To Prepare Nano-/microparticles Loaded with Extracts of <i>Azadirachta indica</i> , Their Characterization and Use in Controlling <i>Plutella xylostella</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 9131-9139.	5.2	87
59	Effect of natural gel product on bovine dentin erosion in vitro. <i>Journal of Applied Oral Science</i> , 2013, 21, 597-600.	1.8	7
60	N-Acetylcysteine in Agriculture, a Novel Use for an Old Molecule: Focus on Controlling the Plantâ€“Pathogen <i>Xylella fastidiosa</i> . <i>PLoS ONE</i> , 2013, 8, e72937.	2.5	57
61	Evaluation of an Experimental Gel Containing <i>Euclea natalensis</i> : An <i>In Vitro</i> Study. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-6.	1.2	9
62	Validation and application of HPLCâ€“ESI-MS/MS method for the quantification of RBBR decolorization, a model for highly toxic molecules, using several fungi strains. <i>Bioresource Technology</i> , 2012, 124, 37-44.	9.6	28
63	Polymeric nanoparticles loaded with the 3,5,3&acute;-triiodothyroacetic acid (Triac), a thyroid hormone: factorial design, characterization, and release kinetics. <i>Nanotechnology, Science and Applications</i> , 2012, 5, 37.	4.6	18
64	Bioatividade de nanoformulaÃ§Ãµes de nim sobre a traÃ§a-do-tomateiro. <i>Ciencia Rural</i> , 2012, 42, 1347-1353.	0.5	9
65	Efficiency of neem oil nanoformulations to <i>Bemisia tabaci</i> (GENN.) Biotype B (Hemiptera: Aleyrodidae). <i>Semina:Ciencias Agrarias</i> , 2012, 33, 193-202.	0.3	12
66	Development and validation of a fast RP-HPLC method to determine the analogue of the thyroid hormone, 3,5,3&acute;-triiodothyroacetic acid (TRIAC), in polymeric nanoparticles. <i>Analytical Methods</i> , 2011, 3, 1936.	2.7	0
67	Effect of propolis gel on the in vitro reduction of dentin permeability. <i>Journal of Applied Oral Science</i> , 2011, 19, 318-323.	1.8	26
68	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. <i>Phytochemical Analysis</i> , 2010, 21, 363-373.	2.4	19
69	Efficacy evaluation of a commercial neem cake for control of <i>Haematobia irritans</i> on Nelore cattle. <i>Brazilian Journal of Veterinary Parasitology</i> , 2010, 19, 217-221.	0.7	5
70	Uso de CLAE no controle de qualidade em produtos comerciais de Nim: reprodutibilidade da aÃ§Ã£o inseticida. <i>Quimica Nova</i> , 2010, 33, 1082-1087.	0.3	21
71	Simultaneous quantification of azadirachtin and 3-tigloylazadirachtol in Brazilian seeds and oil of <i>Azadirachta indica</i> : application to quality control and marketing. <i>Analytical Methods</i> , 2010, 2, 860.	2.7	35
72	High-speed counter-current chromatographic isolation of ricinine, an insecticide from <i>Ricinus communis</i> . <i>Journal of Chromatography A</i> , 2009, 1216, 4290-4294.	3.7	20

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73	Isolation of secondary metabolites from <i>Hortia oreadica</i> (Rutaceae) leaves through high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 4275-4281.	3.7	25
74	An Environmentally Friendly Procedure to Obtain Flavonoids From Brazilian Citrus Waste. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	3
75	New Limonoids from <i>Dictyoloma vandellianum</i> and <i>Sohnreyia excelsa</i> : Chemosystematic Considerations. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	0
76	Quality Control for Lignin and Gelatin Microcapsules Loaded with Orange Essential Oil. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	0
77	Nortriterpenes, chromones, anthraquinones, and their chemosystematics significance in Meliaceae, Rutaceae, and Simaroubaceae (Sapindales). <i>Revista Brasileira De Botanica</i> , 0, , 1.	1.3	6
78	Evaluation of Lignins of Trunk and Roots from <i>Citrus sinensis</i> L. Osbeck: A Large Available Brazilian Biomass. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	4
79	Valorization of Hesperidin from Citrus Residues: Evaluation of Microwave-As. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1