

# Ricardo M Kuster

## List of Publications by Citations

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85  
papers

1,288  
citations

20  
h-index

32  
g-index

91  
ext. papers

1,497  
ext. citations

2.9  
avg, IF

4.03  
L-index

#	Paper	IF	Citations
85	In vitro activity of Brazilian medicinal plants, naturally occurring naphthoquinones and their analogues, against methicillin-resistant <i>Staphylococcus aureus</i> . <i>International Journal of Antimicrobial Agents</i> , <b>2003</b> , 21, 279-84	14.3	175
84	Antimicrobial Ellagitannin of <i>Punica granatum</i> Fruits. <i>Journal of the Brazilian Chemical Society</i> , <b>2002</b> , 13, 606-610	1.5	78
83	Produtos naturais para o controle da transmissõ da dengue: atividade larvicida de <i>Myroxylon balsamum</i> (lõo vermelho) e de terpenõdes e fenilpropanõdes. <i>Quimica Nova</i> , <b>2004</b> , 27, 46	1.6	61
82	Quercetin and quercetin 3-O-glycosides from <i>Bauhinia longifolia</i> (Bong.) Steud. show anti-Mayaro virus activity. <i>Parasites and Vectors</i> , <b>2014</b> , 7, 130	4	52
81	<i>Tabebuia avellaneda</i> naphthoquinones: activity against methicillin-resistant staphylococcal strains, cytotoxic activity and in vivo dermal irritability analysis. <i>Annals of Clinical Microbiology and Antimicrobials</i> , <b>2006</b> , 5, 5	6.2	41
80	Antinociceptive activity of fractions from <i>Couroupita guianensis</i> Aubl. leaves. <i>Journal of Ethnopharmacology</i> , <b>2010</b> , 127, 407-13	5	40
79	Acetylenic 2-phenylethylamides and new isobutylamides from <i>Acmella oleracea</i> (L.) R. K. Jansen, a Brazilian spice with larvicidal activity on <i>Aedes aegypti</i> . <i>Phytochemistry Letters</i> , <b>2013</b> , 6, 67-72	1.9	36
78	Furocoumarins from the rhizomes of <i>Dorstenia brasiliensis</i> . <i>Phytochemistry</i> , <b>1994</b> , 36, 221-223	4	33
77	Inhibition of thyroid peroxidase by <i>Myrcia uniflora</i> flavonoids. <i>Chemical Research in Toxicology</i> , <b>2006</b> , 19, 351-5	4	32
76	Brazilian phytopharmaceuticals--evaluation against hospital bacteria. <i>Phytotherapy Research</i> , <b>2005</b> , 19, 519-25	6.7	32
75	Ceanothane and lupane type triterpenes from <i>Zizyphus joazeiro</i> - an anti-staphylococcal evaluation. <i>Planta Medica</i> , <b>2010</b> , 76, 47-52	3.1	27
74	Flavonoids and a neolignan glucoside from <i>Guarea macrophylla</i> (Meliaceae). <i>Quimica Nova</i> , <b>2012</b> , 35, 1123-1126	1.6	27
73	Phytochemical and allelopathic studies of <i>Terminalia catappa</i> L. (Combretaceae). <i>Biochemical Systematics and Ecology</i> , <b>2012</b> , 41, 119-125	1.4	26
72	Chemical composition and antibacterial activity of Brazilian propolis essential oil. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , <b>2010</b> , 16, 121-130	2.2	26
71	Hypoglycemic activity of two Brazilian <i>Bauhinia</i> species: <i>Bauhinia forficata</i> L. and <i>Bauhinia monandra</i> Kurz.. <i>Revista Brasileira De Farmacognosia</i> , <b>2007</b> , 17, 8-13	2	25
70	Derricin and derricidin inhibit Wnt/ $\beta$ -catenin signaling and suppress colon cancer cell growth in vitro. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120919	3.7	23
69	Evaluating the selectivity of colorimetric test (Fast Blue BB salt) for the cannabinoids identification in marijuana street samples by UV-Vis, TLC, ESI(+)-FT-ICR MS and ESI(+)-MS/MS. <i>Forensic Chemistry</i> , <b>2016</b> , 1, 13-21	2.8	23

68	Atropoisomerism in Biflavones: The Absolute Configuration of (-)-Agathisflavone via Chiroptical Spectroscopy. <i>Journal of Natural Products</i> , <b>2016</b> , 79, 2530-2537	4.9	22
67	Avocado seeds ( <i>Persea americana</i> Mill.) prevents indomethacin-induced gastric ulcer in mice. <i>Food Research International</i> , <b>2019</b> , 119, 751-760	7	22
66	Cinnamon extract improves the body composition and attenuates lipogenic processes in the liver and adipose tissue of rats. <i>Food and Function</i> , <b>2015</b> , 6, 3257-65	6.1	21
65	Synthesis and chemical modification of poly(butylene succinate) with rutin useful to the release of silybin. <i>Industrial Crops and Products</i> , <b>2017</b> , 97, 599-611	5.9	20
64	Anti-fungal flavonoids from <i>Tibouchina grandifolia</i> . <i>Biochemical Systematics and Ecology</i> , <b>2009</b> , 37, 63-65	1.4	20
63	Effects of natural compounds on <i>Xenopus</i> embryogenesis: a potential read out for functional drug discovery targeting Wnt/ $\beta$ Catenin signaling. <i>Current Topics in Medicinal Chemistry</i> , <b>2012</b> , 12, 2103-13	3	20
62	Effects of supplemental UV-A on the development, anatomy and metabolite production of <i>Phyllanthus tenellus</i> cultured in vitro. <i>Photochemistry and Photobiology</i> , <b>2011</b> , 87, 685-9	3.6	18
61	Multiple readout assay for hormonal (androgenic and antiandrogenic) and cytotoxic activity of plant and fungal extracts based on differential prostate cancer cell line behavior. <i>Journal of Ethnopharmacology</i> , <b>2014</b> , 155, 721-30	5	17
60	Metabolite profiling of the leaves of the Brazilian folk medicine <i>Sideroxylon obtusifolium</i> . <i>Planta Medica</i> , <b>2012</b> , 78, 703-10	3.1	17
59	Atividade antibacteriana de floroglucina e do extrato hexânico de <i>Hypericum brasiliense</i> Choisy. <i>Quimica Nova</i> , <b>2009</b> , 32, 1103-1106	1.6	17
58	Atividade antioxidante e antimicrobiana de <i>Calceolaria chelidonioides</i> Humb. Bonpl. & Kunth.. <i>Revista Brasileira De Farmacognosia</i> , <b>2006</b> , 16, 73-76	2	16
57	Piperine suppresses the Wnt/ $\beta$ Catenin pathway and has anti-cancer effects on colorectal cancer cells. <i>Scientific Reports</i> , <b>2020</b> , 10, 11681	4.9	16
56	Antibacterial activity and cytotoxicity analysis of halistanol trisulphate from marine sponge <i>Petromica citrina</i> . <i>Journal of Antimicrobial Chemotherapy</i> , <b>2012</b> , 67, 2396-400	5.1	14
55	Potential use of <i>Piper nigrum</i> ethanol extract against pyrethroid-resistant <i>Aedes aegypti</i> larvae. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , <b>2007</b> , 40, 405-7	1.5	14
54	The Chalcone Lonchocarpin Inhibits Wnt/ $\beta$ Catenin Signaling and Suppresses Colorectal Cancer Proliferation. <i>Cancers</i> , <b>2019</b> , 11,	6.6	13
53	Anti- <i>Escherichia coli</i> activity of extracts from <i>Schinus terebinthifolius</i> fruits and leaves. <i>Natural Product Research</i> , <b>2018</b> , 32, 1365-1368	2.3	12
52	Anti-Mayaro virus activity of <i>Cassia australis</i> extracts (Fabaceae, Leguminosae). <i>Parasites and Vectors</i> , <b>2014</b> , 7, 537	4	12
51	Antiviral investigation on the flavonoids of <i>Chamaesyce thymifolia</i> . <i>Floterapia</i> <b>1999</b> , 70, 293-295	3.2	12

50	Chemical characterization of synthetic cannabinoids by electrospray ionization FT-ICR mass spectrometry. <i>Forensic Science International</i> , <b>2016</b> , 266, 474-487	2.6	12
49	Volatile compounds from <i>Rosmarinus officinalis</i> L. and <i>Baccharis dracunculifolia</i> DC. Growing in southeast coast of Brazil. <i>Quimica Nova</i> , <b>2010</b> , 33, 255-257	1.6	11
48	Volatile compounds profile changes from unripe to ripe fruits of Brazilian pepper ( <i>Schinus terebinthifolia</i> Raddi). <i>Industrial Crops and Products</i> , <b>2018</b> , 119, 125-131	5.9	10
47	Genotoxicity and mutagenicity of <i>Echinodorus macrophyllus</i> (chapū-de-couro) extracts. <i>Genetics and Molecular Biology</i> , <b>2010</b> , 33, 549-57	2	10
46	Flavonoids and other phenolics from leaves of two <i>Marlierea</i> species (Myrtaceae). <i>Biochemical Systematics and Ecology</i> , <b>2001</b> , 29, 653-654	1.4	10
45	Analytical methods to access the chemical composition of an <i>Euphorbia tirucalli</i> anticancer latex from traditional Brazilian medicine. <i>Journal of Ethnopharmacology</i> , <b>2019</b> , 237, 255-265	5	9
44	<i>Dendranthema grandiflorum</i> , a hybrid ornamental plant, is a source of larvicidal compounds against <i>Aedes aegypti</i> larvae. <i>Revista Brasileira De Farmacognosia</i> , <b>2016</b> , 26, 342-346	2	8
43	In Vitro Antileukemic Activity of <i>Xanthosoma sagittifolium</i> (Taioba) Leaf Extract. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2015</b> , 2015, 384267	2.3	8
42	Antibacterial and antioxidant activities and acute toxicity of <i>Bumelia sartorum</i> Mart., Sapotaceae, a Brazilian medicinal plant. <i>Revista Brasileira De Farmacognosia</i> , <b>2011</b> , 21, 86-91	2	8
41	Detection of flavonoids in <i>Alpinia purpurata</i> (Vieill.) K. Schum. leaves using high-performance liquid chromatography. <i>Revista Brasileira De Plantas Medicinai</i> s, <b>2009</b> , 11, 147-153		8
40	Flavonoid extraction from <i>Alpinia zerumbet</i> (Pers.) Burt et Smith leaves using different techniques and solvents. <i>Eclética Quimica</i> , <b>2009</b> , 34, 19-24	2.6	8
39	Identification of maloyl glucans from <i>Euphorbia tirucalli</i> by ESI-( $\text{H}^+$ )FT-ICR MS analyses. <i>Phytochemistry Letters</i> , <b>2015</b> , 12, 209-214	1.9	7
38	Identification of phenolic compounds in <i>Eugenia uniflora</i> leaves by FTICR MS in association with different ionization sources. <i>Analytical Methods</i> , <b>2018</b> , 10, 1647-1655	3.2	7
37	A Clinical Trial with Brazilian Arnica ( <i>Solidago chilensis</i> Meyen) Glycolic Extract in the Treatment of Tendonitis of Flexor and Extensor Tendons of Wrist and Hand. <i>Phytotherapy Research</i> , <b>2015</b> , 29, 864-9	6.7	7
36	<i>Pentaclethra macroloba</i> tannins fractions active against methicillin-resistant staphylococcal and Gram-negative strains showing selective toxicity. <i>Revista Brasileira De Farmacognosia</i> , <b>2011</b> , 21, 991-999 <sup>2</sup>		7
35	Vasodilator activity of extracts of field <i>Alpinia purpurata</i> (Vieill) K: Schum and <i>A. zerumbet</i> (Pers.) Burt et Smith cultured in vitro. <i>Brazilian Journal of Pharmaceutical Sciences</i> , <b>2009</b> , 45, 507-514	1.8	7
34	Poly (butylene succinate) and derivative copolymer filled with <i>Dendranthema grandiflora</i> biolarvicide extract. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 23575-23585	5.1	6
33	Evaluating the effect of ion source gas (N <sub>2</sub> , He, and synthetic air) on the ionization of hydrocarbon, condensed aromatic standards, and paraffin fractions by APCI(+)-FT-ICR MS. <i>Fuel</i> , <b>2018</b> , 225, 632-645	7.1	6

32	Antioxidant activity from the leaf extracts of <i>Jacaranda puberula</i> Cham., Bignoniaceae, a Brazilian medicinal plant used for blood depuration. <i>Revista Brasileira De Farmacognosia</i> , <b>2010</b> , 20, 147-153	2	6
31	Flavonóides O-glicosilados de <i>Croton campestris</i> St. Hill. (Euphorbiaceae). <i>Revista Brasileira De Farmacognosia</i> , <b>2005</b> , 15, 321	2	6
30	GC-MS Determination of Kava-Pyrone in <i>Alpinia zerumbet</i> Leaves. <i>Journal of High Resolution Chromatography</i> , <b>1999</b> , 22, 129-130		6
29	Residues from the Brazilian pepper tree ( <i>Schinus terebinthifolia</i> Raddi) processing industry: Chemical profile and antimicrobial activity of extracts against hospital bacteria. <i>Industrial Crops and Products</i> , <b>2020</b> , 143, 111430	5.9	6
28	Analysis of Isomeric Cannabinoid Standards and Cannabis Products by UPLC-ESI-TWIM-MS: a Comparison with GC-MS and GC-MS-QMS. <i>Journal of the Brazilian Chemical Society</i> , <b>2018</b> ,	1.5	6
27	Cyclohexenyl butenolides from <i>Phyllanthus klotzschianus</i> . <i>Biochemical Systematics and Ecology</i> , <b>1997</b> , 25, 675	1.4	5
26	Leaf and root volatiles produced by tissue cultures of <i>Alpinia zerumbet</i> (pers.) Burt & Smith under the influence of different plant growth regulators. <i>Quimica Nova</i> , <b>2011</b> , 34, 430-433	1.6	4
25	Isolation and characterization of polyphenols from <i>Euphorbia heterophylla</i> L. (Euphorbiaceae) leaves <b>2019</b> , 13, 49		4
24	Virucidal and antiviral activities of pomegranate ( <i>Punica granatum</i> ) extract against the mosquito-borne Mayaro virus. <i>Parasites and Vectors</i> , <b>2021</b> , 14, 443	4	4
23	SAP fractions from light, medium and heavy oils: Correlation between chemical profile and stationary phases. <i>Fuel</i> , <b>2020</b> , 274, 117866	7.1	3
22	Antinociceptive constituents from L. juice. <i>Natural Product Research</i> , <b>2021</b> , 35, 5392-5396	2.3	3
21	Antiproliferative activity of extracts of <i>Euphorbia tirucalli</i> L (Euphorbiaceae) from three regions of Brazil. <i>Tropical Journal of Pharmaceutical Research</i> , <b>2017</b> , 16, 1013	0.8	3
20	Genotoxic Maillard byproducts in current phytopharmaceutical preparations of <i>Echinodorus grandiflorus</i> . <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2014</b> , 86, 1385-94	1.4	3
19	Flavonoids extraction from <i>Alpinia zerumbet</i> (Pers.) Burt et Smith leaves using different procedures. <i>Eletica Quimica</i> , <b>2010</b> , 35, 35-40	2.6	3
18	Development and Characterization of Phytocosmetic Formulations with <i>Saccharum officinarum</i> . <i>Revista Brasileira De Farmacognosia</i> , <b>2020</b> , 30, 406-415	2	2
17	Histological Study of the Leaf and Stem of the Amazonian Medicinal Mistletoe <i>Cladoclea micrantha</i> (Loranthaceae). <i>International Journal of Botany</i> , <b>2007</b> , 3, 218-221	0.3	2
16	Study of the effect of <i>Eucalyptus globulus</i> lignin and <i>Schinus terebinthifolius</i> tannin extract on water in oil emulsions of heavy oil. <i>Fuel</i> , <b>2020</b> , 264, 116816	7.1	2
15	Analysis of Leaves by Imaging Mass Spectrometry (MALDI-FT-ICR IMS). <i>Journal of the American Society for Mass Spectrometry</i> , <b>2021</b> , 32, 946-955	3.5	2

14	Anthraquinones and xanthone from <i>Bonnetia stricta</i> and their chemosystematic significance. <i>Biochemical Systematics and Ecology</i> , <b>2013</b> , 48, 73-75	1.4	1
13	Flavonoids from <i>Myrsine rubra</i> M. F. Freitas & Kinoshita (Myrsinaceae). <i>Biochemical Systematics and Ecology</i> , <b>2011</b> , 39, 885-887	1.4	1
12	Production of Flavonoids in Organogenic Cultures of <i>Alpinia Zerumbet</i> . <i>Natural Product Communications</i> , <b>2010</b> , 5, 1934578X1000500	0.9	1
11	Anti- <i>Helicobacter pylori</i> and Anti-inflammatory Properties of <i>Eugenia uniflora</i> L.. <i>Brazilian Archives of Biology and Technology</i> , <b>2012</b> , 62,	1.8	1
10	Agro Residues of <i>Dendranthema x grandiflorum</i> as Raw Material for a Potential Larvicidal Product. <i>Waste and Biomass Valorization</i> , <b>2021</b> , 12, 725-734	3.2	1
9	Chemical composition and anti-Mayaro virus activity of fruits. <i>VirusDisease</i> , <b>2021</b> , 32, 526-534	3.4	0
8	The effects of drying methods and harvest season on piperine, essential oil composition, and multi-elemental composition of black pepper.. <i>Food Chemistry</i> , <b>2022</b> , 390, 133148	8.5	0
7	Preparation of a Nitrogen Oil Compound Fraction by Modified Gel Silica Column Chromatography. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 5652-5664	4.1	
6	Hypoglycemic Effect of <i>Bumelia sartorum</i> Polyphenolic Rich Extracts. <i>Natural Product Communications</i> , <b>2013</b> , 8, 1934578X1300800	0.9	
5	Identification of Triterpenes from the Leaves of <i>Jacaranda puberula</i> . <i>Chemistry of Natural Compounds</i> , <b>2014</b> , 50, 1143	0.7	
4	<i>Punica granatum</i> L. Inhibits the Growth of Microorganisms Associated with Bovine Mastitis. <i>Natural Products Journal</i> , <b>2020</b> , 10, 611-620	0.6	
3	Phytochemical Analysis and Determination of the Chemical Composition of Larvicidal Extracts of Black Pepper ( <i>Piper nigrum</i> L.) Waste: An Undergraduate Chemistry Experiment. <i>Journal of Chemical Education</i> , <b>2021</b> , 98, 1397-1403	2.4	
2	Analytical methods to assess larvicidal compounds in extracts from <i>Dendranthema x grandiflorum</i> (Ramat.) Kitam. residues. <i>Chemical Papers</i> , <b>2021</b> , 75, 3035-3046	1.9	
1	Flavonoids and fractions from L. juice: antinociceptive agents and molecular docking evaluations with $\mu$ -opioid receptor.. <i>Natural Product Research</i> , <b>2022</b> , 1-6	2.3	