

# Ricardo M Kuster

## List of Publications by Year in descending order

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91  
papers

1,848  
citations

236612

25  
h-index

315357

38  
g-index

91  
all docs

91  
docs citations

91  
times ranked

2854  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2003, 21, 279-284.	1.1	210
2	Antimicrobial Ellagitannin of <i>Punica granatum</i> Fruits. <i>Journal of the Brazilian Chemical Society</i> , 2002, 13, 606-610.	0.6	117
3	Produtos naturais para o controle da transmissão da dengue: atividade larvicida de <i>Myroxylon balsamum</i> (Ã3leo vermelho) e de terpenÃ3ides e fenilpropanÃ3ides. <i>Quimica Nova</i> , 2004, 27, 46.	0.3	98
4	Quercetin and quercetin 3-O-glycosides from <i>Bauhinia longifolia</i> (Bong.) Steud. show anti-Mayaro virus activity. <i>Parasites and Vectors</i> , 2014, 7, 130.	1.0	81
5	<i>Tabebuia avellanedae</i> naphthoquinones: activity against methicillin-resistant staphylococcal strains, cytotoxic activity and in vivo dermal irritability analysis. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2006, 5, 5.	1.7	51
6	Chemical composition and antibacterial activity of Brazilian propolis essential oil. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2010, 16, 121-130.	0.8	48
7	Antinociceptive activity of fractions from <i>Couroupita guianensis</i> Aubl. leaves. <i>Journal of Ethnopharmacology</i> , 2010, 127, 407-413.	2.0	45
8	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> , 2007, 17, 8-13.	0.6	42
9	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> , 2013, 6, 67-72.	0.6	42
10	Avocado seeds ( <i>Persea americana</i> Mill.) prevents indomethacin-induced gastric ulcer in mice. <i>Food Research International</i> , 2019, 119, 751-760.	2.9	42
11	Piperine suppresses the Wnt/ $\beta$ -catenin pathway and has anti-cancer effects on colorectal cancer cells. <i>Scientific Reports</i> , 2020, 10, 11681.	1.6	42
12	Brazilian phytopharmaceuticals - evaluation against hospital bacteria. <i>Phytotherapy Research</i> , 2005, 19, 519-525.	2.8	39
13	Inhibition of Thyroid Peroxidase by <i>Myrcia uniflora</i> Flavonoids. <i>Chemical Research in Toxicology</i> , 2006, 19, 351-355.	1.7	37
14	The Chalcone Lonchocarpin Inhibits Wnt/ $\beta$ -Catenin Signaling and Suppresses Colorectal Cancer Proliferation. <i>Cancers</i> , 2019, 11, 1968.	1.7	37
15	Flavonoids and a neolignan glucoside from <i>Guarea macrophylla</i> (Meliaceae). <i>Quimica Nova</i> , 2012, 35, 1123-1126.	0.3	35
16	Furocoumarins from the rhizomes of <i>Dorstenia brasiliensis</i> . <i>Phytochemistry</i> , 1994, 36, 221-223.	1.4	34
17	Derricin and Derricidin Inhibit Wnt/ $\beta$ -Catenin Signaling and Suppress Colon Cancer Cell Growth In Vitro. <i>PLoS ONE</i> , 2015, 10, e0120919.	1.1	33
18	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> , 2016, 1, 13-21.	1.7	33

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19	Ceanothane and Lupane Type Triterpenes from <i>Zizyphus joazeiro</i> " An Anti-Staphylococcal Evaluation. <i>Planta Medica</i> , 2010, 76, 47-52.	0.7	31
20	Cinnamon extract improves the body composition and attenuates lipogenic processes in the liver and adipose tissue of rats. <i>Food and Function</i> , 2015, 6, 3257-3265.	2.1	31
21	Phytochemical and allelopathic studies of <i>Terminalia catappa</i> L. (Combretaceae). <i>Biochemical Systematics and Ecology</i> , 2012, 41, 119-125.	0.6	29
22	Anti-fungal flavonoids from <i>Tibouchina grandifolia</i> . <i>Biochemical Systematics and Ecology</i> , 2009, 37, 63-65.	0.6	27
23	Metabolite Profiling of the Leaves of the Brazilian Folk Medicine <i>Sideroxylon obtusifolium</i> . <i>Planta Medica</i> , 2012, 78, 703-710.	0.7	27
24	Atropoisomerism in Biflavones: The Absolute Configuration of (âˆ™)-Agathisflavone via Chiroptical Spectroscopy. <i>Journal of Natural Products</i> , 2016, 79, 2530-2537.	1.5	27
25	Synthesis and chemical modification of poly(butylene succinate) with rutin useful to the release of silybin. <i>Industrial Crops and Products</i> , 2017, 97, 599-611.	2.5	27
26	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> , 2012, 12, 2103-2113.	1.0	26
27	Atividade antioxidante e antimicrobiana de <i>Calceolaria chelidonioides</i> Humb. Bonpl. & Kunth.. <i>Revista Brasileira De Farmacognosia</i> , 2006, 16, 73-76.	0.6	24
28	Effects of Supplemental UV-A on the Development, Anatomy and Metabolite Production of <i>Phyllanthus tenellus</i> Cultured <i>In Vitro</i> . <i>Photochemistry and Photobiology</i> , 2011, 87, 685-689.	1.3	24
29	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> , 2007, 40, 405-407.	0.4	22
30	Atividade antibacteriana de floroglucinais e do extrato hexânico de <i>Hypericum brasiliense</i> Choisy. <i>Quimica Nova</i> , 2009, 32, 1103-1106.	0.3	21
31	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> , 2014, 155, 721-730.	2.0	20
32	Anti- <i>Escherichia coli</i> activity of extracts from <i>Schinus terebinthifolius</i> fruits and leaves. <i>Natural Product Research</i> , 2018, 32, 1365-1368.	1.0	18
33	Antiviral investigation on the flavonoids of <i>Chamaesyce thymifolia</i> . <i>Fä-toterapÄ-Äç</i> , 1999, 70, 293-295.	1.1	17
34	Antibacterial activity and cytotoxicity analysis of halistanol trisulphate from marine sponge <i>Petromica citrina</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 2396-2400.	1.3	15
35	Anti-Mayaro virus activity of <i>Cassia australis</i> extracts (Fabaceae, Leguminosae). <i>Parasites and Vectors</i> , 2014, 7, 537.	1.0	15
36	Volatile compounds profile changes from unripe to ripe fruits of Brazilian pepper ( <i>Schinus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (	2.5	15

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37	Analytical methods to access the chemical composition of an <i>Euphorbia tirucalli</i> anticancer latex from traditional Brazilian medicine. <i>Journal of Ethnopharmacology</i> , 2019, 237, 255-265.	2.0	15
38	Virucidal and antiviral activities of pomegranate ( <i>Punica granatum</i> ) extract against the mosquito-borne Mayaro virus. <i>Parasites and Vectors</i> , 2021, 14, 443.	1.0	15
39	Chemical characterization of synthetic cannabinoids by electrospray ionization FT-ICR mass spectrometry. <i>Forensic Science International</i> , 2016, 266, 474-487.	1.3	14
40	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> , 2020, 143, 111430.	2.5	14
41	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> , 2009, 45, 507-514.	1.2	13
42	Genotoxicity and mutagenicity of <i>Echinodorus macrophyllus</i> (chapu-de-couro) extracts. <i>Genetics and Molecular Biology</i> , 2010, 33, 549-557.	0.6	13
43	Volatile compounds from <i>Rosmarinus officinalis</i> L. and <i>Baccharis dracunculifolia</i> DC. Growing in southeast coast of Brazil. <i>Quimica Nova</i> , 2010, 33, 255-257.	0.3	13
44	Flavonoid extraction from <i>Alpinia zerumbet</i> (Pers.) Burt et Smith leaves using different techniques and solvents. <i>Eletica Quimica</i> , 2009, 34, 19-24.	0.2	13
45	In Vitro Antileukemic Activity of <i>Xanthosoma sagittifolium</i> (Taioba) Leaf Extract. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-10.	0.5	12
46	Identification of phenolic compounds in <i>Eugenia uniflora</i> leaves by FTICR MS in association with different ionization sources. <i>Analytical Methods</i> , 2018, 10, 1647-1655.	1.3	12
47	Flavonoids and other phenolics from leaves of two <i>Marlierea</i> species (Myrtaceae). <i>Biochemical Systematics and Ecology</i> , 2001, 29, 653-654.	0.6	11
48	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, 2009, 11, 147-153.	0.3	11
49	<i>Pentaclethra macroloba</i> tannins fractions active against methicillin-resistant staphylococcal and Gram-negative strains showing selective toxicity. <i>Revista Brasileira De Farmacognosia</i> , 2011, 21, 991-999.	0.6	11
50	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> , 2018, 225, 632-645.	3.4	11
51	Analysis of Isomeric Cannabinoid Standards and Cannabis Products by UPLC-ESI-TWIM-MS: a Comparison with GC-MS and GC-QMS. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	11
52	Poly (butylene succinate) and derivative copolymer filled with <i>Dendranthema grandiflora</i> biolarvicide extract. <i>Environmental Science and Pollution Research</i> , 2020, 27, 23575-23585.	2.7	11
53	Flavonoides O-glicosilados de <i>Croton campestris</i> St. Hill. (Euphorbiaceae). <i>Revista Brasileira De Farmacognosia</i> , 2005, 15, 321.	0.6	10
54	Antibacterial and antioxidant activities and acute toxicity of <i>Bumelia sartorum</i> Mart., Sapotaceae, a Brazilian medicinal plant. <i>Revista Brasileira De Farmacognosia</i> , 2011, 21, 86-91.	0.6	10

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55	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> , 2015, 29, 864-869.	2.8	10
56	<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> , 2016, 26, 342-346.	0.6	10
57	Analysis of <i>Erythroxylum coca</i> Leaves by Imaging Mass Spectrometry (MALDI-FT-ICR IMS). <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 946-955.	1.2	9
58	GC-MS Determination of Kava-Pyrone in <i>Alpinia zerumbet</i> Leaves. <i>Journal of High Resolution Chromatography</i> , 1999, 22, 129-130.	2.0	8
59	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> , 2010, 20, 147-153.	0.6	8
60	Identification of maloyl glucans from <i>Euphorbia tirucalli</i> by ESI-( $\hat{\sim}$ )-FT-ICR MS analyses. <i>Phytochemistry Letters</i> , 2015, 12, 209-214.	0.6	8
61	The effects of drying methods and harvest season on piperine, essential oil composition, and multi-elemental composition of black pepper. <i>Food Chemistry</i> , 2022, 390, 133148.	4.2	8
62	Isolation and characterization of polyphenols from <i>Euphorbia heterophylla</i> L. (Euphorbiaceae) leaves. <i>Revista Fitos</i> , 2019, 13, 49.	0.0	7
63	Cyclohexenyl butenolides from <i>Phyllanthus klotzschianus</i> . <i>Biochemical Systematics and Ecology</i> , 1997, 25, 675.	0.6	6
64	Production of Flavonoids in Organogenic Cultures of <i>Alpinia Zerumbet</i> . <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.2	6
65	Flavonoids extraction from <i>Alpinia zerumbet</i> (Pers.) Burt et Smith leaves using different procedures. <i>Eletica Quimica</i> , 2010, 35, 35-40.	0.2	6
66	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> , 2011, 34, 430-433.	0.3	6
67	Antiproliferative activity of extracts of <i>Euphorbia tirucalli</i> L (Euphorbiaceae) from three regions of Brazil. <i>Tropical Journal of Pharmaceutical Research</i> , 2017, 16, 1013.	0.2	6
68	SAP fractions from light, medium and heavy oils: Correlation between chemical profile and stationary phases. <i>Fuel</i> , 2020, 274, 117866.	3.4	5
69	Genotoxic Maillard byproducts in current phytopharmaceutical preparations of <i>Echinodorus grandiflorus</i> . <i>Anais Da Academia Brasileira De Ciencias</i> , 2014, 86, 1385-1394.	0.3	4
70	Chemical composition and anti-Mayaro virus activity of <i>Schinus terebinthifolius</i> fruits. <i>VirusDisease</i> , 2021, 32, 526-534.	1.0	4
71	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> , 2020, 264, 116816.	3.4	3
72	Development and Characterization of Phytocosmetic Formulations with <i>Saccharum officinarum</i> . <i>Revista Brasileira De Farmacognosia</i> , 2020, 30, 406-415.	0.6	3

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73	Antinociceptive constituents from <i>Saccharum officinarum</i> L. juice. <i>Natural Product Research</i> , 2020, 35, 1-5.	1.0	3
74	Preparation of a Nitrogen Oil Compound Fraction by Modified Gel Silica Column Chromatography. <i>Energy &amp; Fuels</i> , 2020, 34, 5652-5664.	2.5	3
75	Histological Study of the Leaf and Stem of the Amazonian Medicinal Mistletoe <i>Cladoclea micrantha</i> (Loranthaceae). <i>International Journal of Botany</i> , 2007, 3, 218-221.	0.2	3
76	PHYTOCHEMICAL AND PHYLOGENETIC ANALYSIS OF <i>Spondias</i> (Anacardiaceae). <i>Quimica Nova</i> , 2015, , .	0.3	3
77	Flavonoids from <i>Myrsine rubra</i> M. F. Freitas & Kinoshita (Myrsinaceae). <i>Biochemical Systematics and Ecology</i> , 2011, 39, 885-887.	0.6	2
78	Phytochemical Analysis and Determination of the Chemical Composition of Larvicidal Extracts of Black Pepper ( <i>Piper</i> <i>nigrum</i> L.) Waste: An Undergraduate Chemistry Experiment. <i>Journal of Chemical Education</i> , 2021, 98, 1397-1403.	1.1	2
79	Flavonoids and Antioxidant Potential from the Leaves of <i>Bauhinia longifolia</i> (Bong.) Steud.. <i>Revista Virtual De Quimica</i> , 2017, 9, 1303-1317.	0.1	2
80	IN VITRO EFFECT OF ISOSCHAFTOSIDE ISOLATED FROM <i>Syngonium podophyllum</i> ON PIG KIDNEY Na <sup>+</sup> , K <sup>+</sup> -ATPASE. <i>Quimica Nova</i> , 2014, , .	0.3	2
81	Anti- <i>Helicobacter pylori</i> and Anti-inflammatory Properties of <i>Eugenia uniflora</i> L.. <i>Brazilian Archives of Biology and Technology</i> , 0, 62, .	0.5	2
82	Flavonoids and fractions from <i>Saccharum officinarum</i> L. juice: antinociceptive agents and molecular docking evaluations with $\mu$ -opioid receptor. <i>Natural Product Research</i> , 2023, 37, 592-597.	1.0	2
83	Anthraquinones and xanthone from <i>Bonnetia stricta</i> and their chemosystematic significance. <i>Biochemical Systematics and Ecology</i> , 2013, 48, 73-75.	0.6	1
84	Hypoglycemic Effect of <i>Bumelia sartorum</i> Polyphenolic Rich Extracts. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.2	1
85	Identification of Triterpenes from the Leaves of <i>Jacaranda puberula</i> . <i>Chemistry of Natural Compounds</i> , 2014, 50, 1143.	0.2	1
86	Agro Residues of <i>Dendranthema x grandiflorum</i> as Raw Material for a Potential Larvicidal Product. <i>Waste and Biomass Valorization</i> , 2021, 12, 725-734.	1.8	1
87	Use of the Comprehensive Two-Dimensional Gas Chromatography (GC $\tilde{A}$ -GC-qMS) to Characterize The Classes of Saturated Compounds in Brazilian crude Oils. <i>Revista Virtual De Quimica</i> , 2018, 10, 977-988.	0.1	1
88	Chemical Study and Phytotoxic Activity of Fractions from Agroindustrial Residue Vinasse against the Weed <i>Ipomoea purpurea</i> . <i>Revista Virtual De Quimica</i> , 2021, 13, 1084-1091.	0.1	0
89	Analytical methods to assess larvicidal compounds in extracts from <i>Dendranthema x grandiflorum</i> (Ramat.) Kitam. residues. <i>Chemical Papers</i> , 2021, 75, 3035-3046.	1.0	0
90	<i>Punica granatum</i> L. Inhibits the Growth of Microorganisms Associated with Bovine Mastitis. <i>Natural Products Journal</i> , 2020, 10, 611-620.	0.1	0

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91	Flavonoids extraction from <i>Alpinia zerumbet</i> (Pers.) Burt et Smith leaves using different procedures. <i>Ecletica Quimica</i> , 0, 35, 35.	0.2	0