

# Rogelio Pereda-Miranda

## List of Publications by Year in descending order

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105  
papers

3,537  
citations

126858

33  
h-index

168321

53  
g-index

110  
all docs

110  
docs citations

110  
times ranked

2728  
citing authors

#	ARTICLE	IF	CITATIONS
1	HPLC quantification of major active components from 11 different saffron ( <i>Crocus sativus</i> L.) sources. <i>Food Chemistry</i> , 2007, 100, 1126-1131.	4.2	195
2	Screening for antimicrobial activity of crude drug extracts and pure natural products from Mexican medicinal plants. <i>Journal of Ethnopharmacology</i> , 1992, 35, 275-283.	2.0	176
3	The anti-staphylococcal activity of <i>Angelica dahurica</i> (Bai Zhi). <i>Phytochemistry</i> , 2004, 65, 331-335.	1.4	141
4	Use of in vitro assays to assess the potential antigenotoxic and cytotoxic effects of saffron ( <i>Crocus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.1	123
5	Tricolorin A, Major Phytogrowth Inhibitor from <i>Ipomoea tricolor</i> . <i>Journal of Natural Products</i> , 1993, 56, 571-582.	1.5	103
6	Polyacylated Oligosaccharides from Medicinal Mexican Morning Glory Species as Antibacterials and Inhibitors of Multidrug Resistance in <i>Staphylococcus aureus</i> âŠ¥. <i>Journal of Natural Products</i> , 2006, 69, 406-409.	1.5	99
7	Application of molecular mechanics in the total stereochemical elucidation of spicigerolide, a cytotoxic 6-tetraacetyloxyheptenyl-5,6-dihydro-1±-pyrone from <i>Hyptis spicigera</i> . <i>Tetrahedron</i> , 2001, 57, 47-53.	1.0	86
8	Structure and Stereochemistry of Pectinolides A-C, Novel Antimicrobial and Cytotoxic 5,6-Dihydro-1±-pyrones from <i>Hyptis pectinata</i> . <i>Journal of Natural Products</i> , 1993, 56, 583-593.	1.5	81
9	Metabolic Profiling of the Mexican Anxiolytic and Sedative Plant <i>Galphimia glauca</i> Using Nuclear Magnetic Resonance Spectroscopy and Multivariate Data Analysis. <i>Planta Medica</i> , 2008, 74, 1295-1301.	0.7	81
10	Inhibitors of Bacterial Multidrug Efflux Pumps from the Resin Glycosides of <i>Ipomoea murucoides</i> . <i>Journal of Natural Products</i> , 2008, 71, 1037-1045.	1.5	79
11	Reversal of Multidrug Resistance by Morning Glory Resin Glycosides in Human Breast Cancer Cells. <i>Journal of Natural Products</i> , 2012, 75, 93-97.	1.5	77
12	Biodynamic Constituents in the Mexican Morning Glories: Purgative Remedies Transcending Boundaries. <i>Current Topics in Medicinal Chemistry</i> , 2003, 3, 111-131.	1.0	72
13	Resin Glycosides from the Morning Glory Family. <i>Progress in the Chemistry of Organic Natural Products</i> , 2010, 92, 77-153.	0.8	71
14	Cytotoxic Constituents from <i>Hyptis verticillata</i> . <i>Journal of Natural Products</i> , 1993, 56, 1728-1736.	1.5	63
15	HPLC Isolation and structural elucidation of diastereomeric niloyl ester tetrasaccharides from Mexican scammony root. <i>Tetrahedron</i> , 2002, 58, 3145-3154.	1.0	62
16	Allelopathic potential of compounds isolated from <i>Ipomoea tricolor</i> cav. ( <i>Convolvulaceae</i> ). <i>Journal of Chemical Ecology</i> , 1990, 16, 2145-2152.	0.9	59
17	Hepatotoxic pyrrolizidine alkaloids in the Mexican medicinal plant <i>Packera candidissima</i> ( <i>Asteraceae</i> ): Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 5	2.0	49
18	Detailed FAB-mass spectrometry and high resolution NMR investigations of tricolorins A-E, individual oligosaccharides from the resins of <i>Ipomoea tricolor</i> ( <i>Convolvulaceae</i> ). <i>Tetrahedron</i> , 1996, 52, 13063-13080.	1.0	49

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19	Profiling of the Resin Glycoside Content of Mexican Jalap Roots with Purgative Activity. Journal of Natural Products, 2006, 69, 1460-1466.	1.5	49
20	Isolation and structural characterization of new glyclipid ester type dimers from the resin of Ipomoea tricolor (Convolvulaceae). Tetrahedron, 1997, 53, 9007-9022.	1.0	48
21	Characterization of Lipophilic Pentasaccharides from Beach Morning Glory (Ipomoea pes-caprae). Journal of Natural Products, 2005, 68, 226-230.	1.5	47
22	Antimycobacterial agents from selected Mexican medicinal plants. Journal of Pharmacy and Pharmacology, 2010, 57, 1117-1126.	1.2	46
23	Triterpenoids and Flavonoids from Hyptis albida. Journal of Natural Products, 1990, 53, 182-185.	1.5	44
24	Batatins I and II, Ester-Type Dimers of Acylated Pentasaccharides from the Resin Glycosides of Sweet Potato. Journal of Natural Products, 2007, 70, 1029-1034.	1.5	44
25	Resin Glycosides from the Flowers of Ipomoea murucoides. Journal of Natural Products, 2006, 69, 595-599.	1.5	42
26	Stereoselective Synthesis and Determination of the Cytotoxic Properties of Spicigerolide and Three of Its Stereoisomers. Journal of Organic Chemistry, 2003, 68, 5672-5676.	1.7	40
27	Bufadienolides from parotoid gland secretions of Cuban toad Peltophyryne fustiger (Bufonidae): Inhibition of human kidney Na <sup>+</sup> /K <sup>+</sup> -ATPase activity. Toxicon, 2016, 110, 27-34.	0.8	40
28	Anti-Staphylococcal and Cytotoxic Compounds from Hyptis pectinata. Planta Medica, 2005, 71, 278-280.	0.7	39
29	Morning glory resin glycosides as $\beta$ -glucosidase inhibitors: In vitro and in silico analysis. Phytochemistry, 2018, 148, 39-47.	1.4	37
30	Flavonoids and terpenoids of Chenopodium graveolens. Phytochemistry, 1986, 26, 191-193.	1.4	36
31	Bacterial resistance modifying tetrasaccharide agents from Ipomoea murucoides. Phytochemistry, 2009, 70, 222-227.	1.4	36
32	Characterization of a xylose containing oligosaccharide, an inhibitor of multidrug resistance in Staphylococcus aureus, from Ipomoea pes-caprae. Phytochemistry, 2010, 71, 1796-1801.	1.4	35
33	Chemistry of Hyptis mutabilis: New Pentacyclic Triterpenoids. Journal of Natural Products, 1988, 51, 996-998.	1.5	34
34	Structural Reassignment, Absolute Configuration, and Conformation of Hypurticin, a Highly Flexible Polyacyloxy-6-heptenyl-5,6-dihydro-2H-pyran-2-one. Journal of Natural Products, 2009, 72, 700-708.	1.5	34
35	Purgin II, a Resin Glycoside Ester-Type Dimer and Inhibitor of Multidrug Efflux Pumps from Ipomoea purga. Journal of Natural Products, 2013, 76, 64-71.	1.5	34
36	Resin Glycosides from the Herbal Drug Jalap (Ipomoea purga). Journal of Natural Products, 2011, 74, 1148-1153.	1.5	32

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37	Triterpenoid acids from <i>Cunila lythrifolia</i> . <i>Phytochemistry</i> , 1989, 28, 1483-1485.	1.4	31
38	Tricolorin A, a potent natural uncoupler and inhibitor of photosystem II acceptor side of spinach chloroplasts. <i>Physiologia Plantarum</i> , 1999, 106, 246-252.	2.6	31
39	Orizabins V <sup>~</sup> VIII, Tetrasaccharide Glycolipids from the Mexican Scammony Root ( <i>Ipomoea orizabensis</i> )1. <i>Journal of Natural Products</i> , 1999, 62, 1096-1100.	1.5	31
40	Structure and stereochemistry of four $\hat{\pm}$ -pyrones from <i>Hyptis oblongifolia</i> . <i>Phytochemistry</i> , 1990, 29, 2971-2974.	1.4	30
41	Chemical Studies on Mexican Plants Used in Traditional Medicine, XVIII. New Secondary Metabolites from <i>Dodonaea viscosa</i> . <i>Journal of Natural Products</i> , 1991, 54, 913-917.	1.5	30
42	Methyl 4-Hydroxy-3-(3 $\hat{\pm}$ -methyl-2 $\hat{\pm}$ -butenyl)benzoate, Major Insecticidal Principle from <i>Piper guanacastensis</i> . <i>Journal of Natural Products</i> , 1997, 60, 282-284.	1.5	30
43	Synthesis of Tricolorin F. <i>Journal of Organic Chemistry</i> , 2004, 69, 4567-4570.	1.7	30
44	Isolation of Nor-secofriedelanes from the Sedative Extracts of <i>Galphimia glauca</i> . <i>Journal of Natural Products</i> , 2004, 67, 644-649.	1.5	30
45	Absolute Configuration and Conformational Analysis of Brevipolides, Bioactive 5,6-Dihydro- $\hat{\pm}$ -pyrones from <i>Hyptis brevipes</i> . <i>Journal of Natural Products</i> , 2013, 76, 72-78.	1.5	29
46	Resin Glycosides from <i>Ipomoea pes-caprae</i> . <i>Journal of Natural Products</i> , 2007, 70, 974-978.	1.5	28
47	Complementarity of DFT Calculations, NMR Anisotropy, and ECD for the Configurational Analysis of Brevipolides K <sup>13</sup> C from <i>Hyptis brevipes</i> . <i>Journal of Natural Products</i> , 2017, 80, 181-189.	1.5	28
48	Terpenoids From <i>Viguiera excelsa</i> and <i>Viguiera oaxacana</i> . <i>Journal of Natural Products</i> , 1984, 47, 1042-1045.	1.5	27
49	Production of the Sedative Triterpene Galphimine B in <i>Galphimia glauca</i> Tissue Culture*. <i>Planta Medica</i> , 1999, 65, 149-152.	0.7	26
50	Jalapinoside, a Macrocyclic Bisdesmoside from the Resin Glycosides of <i>Ipomoea purga</i> , as a Modulator of Multidrug Resistance in Human Cancer Cells. <i>Journal of Natural Products</i> , 2015, 78, 168-172.	1.5	26
51	Novel Labdane Diterpenes from the Insecticidal Plant <i>Hyptis spicigera</i> . <i>Journal of Natural Products</i> , 1999, 62, 45-50.	1.5	25
52	Intrapilosins I <sup>~</sup> VII, Pentasaccharides from the Seeds of <i>Ipomoea intrapilosa</i> . <i>Journal of Natural Products</i> , 2007, 70, 1153-1157.	1.5	25
53	Morning Glory Resin Glycosides as Modulators of Antibiotic Activity in Multidrug-Resistant Gram-Negative Bacteria. <i>Planta Medica</i> , 2012, 78, 128-131.	0.7	25
54	New Triterpenoids from <i>Salvia nicolsoniana</i> . <i>Journal of Natural Products</i> , 1986, 49, 225-230.	1.5	24

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55	Crystal Structure of Tricolorin A: Molecular Rationale for the Biological Properties of Resin Glycosides Found in Some Mexican Herbal Remedies. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5918-5922.	7.2	23
56	Batatinosides II <sup>VI</sup> , Acylated Lipooligosaccharides from the Resin Glycosides of Sweet Potato. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 9423-9428.	2.4	23
57	Batatins III <sup>VI</sup> , glycolipid ester-type dimers from <i>Ipomoea batatas</i> . <i>Phytochemistry</i> , 2011, 72, 773-780.	1.4	23
58	Vicinal <sup>1</sup> H- <sup>1</sup> H NMR Coupling Constants from Density Functional Theory as Reliable Tools for Stereochemical Analysis of Highly Flexible Multichiral Center Molecules. <i>Journal of Organic Chemistry</i> , 2011, 76, 6057-6066.	1.7	22
59	Mammalian Multidrug Resistance Lipopentasaccharide Inhibitors from <i>Ipomoea alba</i> Seeds. <i>Journal of Natural Products</i> , 2012, 75, 1603-1611.	1.5	22
60	Resin Glycosides from <i>Ipomoea alba</i> Seeds as Potential Chemosensitizers in Breast Carcinoma Cells. <i>Journal of Natural Products</i> , 2016, 79, 3093-3104.	1.5	22
61	Production of Triterpenoids in Liquid-Cultivated Hairy Roots of <i>Galphimia glauca</i> . <i>Planta Medica</i> , 2006, 72, 842-844.	0.7	20
62	Studies of (â <sup>2</sup> )-Pironetin Binding to Î±-Tubulin: Conformation, Docking, and Molecular Dynamics. <i>Journal of Organic Chemistry</i> , 2014, 79, 3752-3764.	1.7	20
63	Resin glycosides from <i>Ipomoea wolcottiana</i> as modulators of the multidrug resistance phenotype in vitro. <i>Phytochemistry</i> , 2016, 123, 48-57.	1.4	20
64	Resin Glycosides from the Yellow-Skinned Variety of Sweet Potato ( <i>Ipomoea batatas</i> ). <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 9488-9494.	2.4	19
65	In vitro Inhibition of 1,3- $\beta$ -Glucan Synthase by Glycolipids from Convolvulaceous Species. <i>Planta Medica</i> , 2002, 68, 739-742.	0.7	18
66	Antifungal Phenylpropanoid Glycosides from <i>Lippia rubella</i> . <i>Journal of Natural Products</i> , 2019, 82, 566-572.	1.5	18
67	Cytotoxic Constituents of <i>Exostema mexicanum</i> 1. <i>Planta Medica</i> , 1990, 56, 241-241.	0.7	17
68	A Novel Antimicrobial Abietane-Type Diterpene from <i>Salvia albocaerulea</i> . <i>Planta Medica</i> , 1992, 58, 223-224.	0.7	17
69	Structure Elucidation, Conformation, and Configuration of Cytotoxic 6-Heptyl-5,6-dihydro-2H-pyran-2-ones from <i>Hyptis</i> Species and Their Molecular Docking to Î±-Tubulin. <i>Journal of Natural Products</i> , 2019, 82, 520-531.	1.5	17
70	Modulators of antibiotic activity from <i>Ipomoea murucoides</i> . <i>Phytochemistry</i> , 2013, 95, 277-283.	1.4	16
71	Structure and Stereochemistry of 4-Deacetoxy-10-epi-olguine, a New d-Lactone from <i>Hyptis oblongifolia</i> Benth (Labiatae). <i>Heterocycles</i> , 1985, 23, 1869.	0.4	16
72	Reversal of multidrug resistance by amphiphilic morning glory resin glycosides in bacterial pathogens and human cancer cells. <i>Phytochemistry Reviews</i> , 2020, 19, 1211-1229.	3.1	15

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73	Resin Glycosides from the Roots of <i>Operculina macrocarpa</i> (Brazilian Jalap) with Purgative Activity. <i>Journal of Natural Products</i> , 2019, 82, 1664-1677.	1.5	14
74	Ent-beyerene and ent-atisene diterpenes from <i>viguiera insignis</i> . <i>Phytochemistry</i> , 1984, 23, 2285-2288.	1.4	13
75	Bioactive Natural Products from Traditionally used Mexican Plants. , 1995, , 83-112.		13
76	Genetic Transformation of <i>Galphimia glauca</i> by <i>Agrobacterium rhizogenes</i> and the Production of Norfriedelanones. <i>Planta Medica</i> , 2004, 70, 1174-1179.	0.7	13
77	Profiling of Alkaloids and Eremophilanes in Miracle Tea ( <i>Packeria candidissima</i> and <i>P. Tj ETQq1 1 0.784314 rgBT /Oyerlock 10</i> )	1.5	13
78	An abietane diterpenoid from <i>Salvia sapinae</i> . <i>Phytochemistry</i> , 1986, 25, 1931-1933.	1.4	12
79	Cytotoxic Anthraquinone Derivatives from <i>Picramnia antidesma</i> . <i>Planta Medica</i> , 2002, 68, 556-558.	0.7	12
80	Metabolic profiling of <i>Dactylopius</i> (Hemiptera: Dactylopiidae) species pigments by geographical origin and hosts using multivariate data analysis. <i>Biochemical Systematics and Ecology</i> , 2010, 38, 671-679.	0.6	11
81	Jalapinoside II, a bisdesmoside resin glycoside, and related glycosidic acids from the officinal jalap root ( <i>Ipomoea purga</i> ). <i>Phytochemistry Letters</i> , 2016, 17, 85-93.	0.6	11
82	In vitro production of sedative galphimine B by cell suspension cultures of <i>Galphimia glauca</i> . <i>Biotechnology Letters</i> , 2002, 24, 257-261.	1.1	10
83	DFT <sup>1</sup> H <sup>1</sup> H coupling constants in the conformational analysis and stereoisomeric differentiation of 6-heptenyl-2H-pyran-2-ones: configurational reassignment of synargentolide A. <i>Magnetic Resonance in Chemistry</i> , 2015, 53, 203-212.	1.1	10
84	HPLC-MS profiling of the multidrug-resistance modifying resin glycoside content of <i>Ipomoea alba</i> seeds. <i>Revista Brasileira De Farmacognosia</i> , 2017, 27, 434-439.	0.6	10
85	Acylsugar diversity in the resin glycosides from <i>Ipomoea tricolor</i> seeds as chemosensitizers in breast cancer cells. <i>Phytochemistry Letters</i> , 2019, 32, 77-82.	0.6	10
86	A dammarane from <i>Stevia salicifolia</i> . <i>Phytochemistry</i> , 1991, 30, 3822-3823.	1.4	9
87	Stevalioside A, a Novel Bitter-Tasting ent-Atisene Glycoside from the Roots of <i>Stevia salicifolia</i> . <i>Journal of Natural Products</i> , 1992, 55, 660-666.	1.5	9
88	Tricolorin A as a Natural Herbicide. <i>Molecules</i> , 2013, 18, 778-788.	1.7	9
89	Identification of $\beta$ -Glucosidase Inhibitors from <i>Ipomoea alba</i> by Affinity-Directed Fractionation-Mass Spectrometry. <i>Revista Brasileira De Farmacognosia</i> , 2020, 30, 336-345.	0.6	9
90	Flavonoids from <i>Salvia nicolsoniana</i> . <i>Journal of Natural Products</i> , 1986, 49, 1160-1161.	1.5	8

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91	Conformational Analysis of Sulfur-Containing 6-Deoxy-l-hexose Derivatives by Molecular Modeling and NMR Spectroscopy. A Theoretical Study and Experimental Evidence of Intramolecular Nonbonded Interactions between Sulfur and Oxygen. <i>Journal of Organic Chemistry</i> , 2003, 68, 7167-7175.	1.7	8
92	Batatins VIIIâ€“XI, Glycolipid Ester-Type Dimers from <i>Ipomoea batatas</i> . <i>Journal of Natural Products</i> , 2015, 78, 26-33.	1.5	8
93	Purification of Alkaloids by Countercurrent Chromatography. <i>Revista Brasileira De Farmacognosia</i> , 2021, 31, 625-647.	0.6	8
94	Ratibinolide iii, a sesquiterpene lactone glucoside from <i>Ratibida latipalearis</i> . <i>Phytochemistry</i> , 1993, 34, 1079-1082.	1.4	7
95	Density functional theory calculations and experimental parameters for mutarotation of 6-deoxy-l-mannopyranosyl hydrazine. <i>Tetrahedron</i> , 2006, 62, 11916-11924.	1.0	7
96	Glycosidic Acid Content from the Roots of <i>Operculina hamiltonii</i> (Brazilian Jalap) and Some of Their Phytopharmaceuticals with Purgative Activity. <i>Revista Brasileira De Farmacognosia</i> , 2021, 31, 698-708.	0.6	5
97	Terpenoids from <i>Viguiera latibracteata</i> and <i>Viguiera greggii</i> . <i>Journal of Natural Products</i> , 1986, 49, 1165-1166.	1.5	4
98	Dereplication of podophyllotoxin and related cytotoxic lignans in <i>Hyptis verticillata</i> by ultraâ€“highâ€“performance liquid chromatography tandem mass spectrometry. <i>Phytochemical Analysis</i> , 2020, 31, 81-87.	1.2	4
99	Absolute Stereochemistry of Antifungal Limonene-1,2-diols from <i>Lippia rubella</i> . <i>Revista Brasileira De Farmacognosia</i> , 2020, 30, 537-543.	0.6	4
100	Stereochemistry of the Ester Side Chain of the Germacranolides of <i>Viguiera hypargyrea</i> . <i>Journal of Natural Products</i> , 1987, 50, 273-276.	1.5	3
101	Crystal Structure of Tricolorin A: Molecular Rationale for the Biological Properties of Resin Glycosides Found in Some Mexican Herbal Remedies. <i>Angewandte Chemie</i> , 2004, 116, 6044-6048.	1.6	2
102	Dihydro-furanones from <i>Hyptis</i> species: Chemical correlations and DFT-NMR/ECD calculations for stereochemical assignments. <i>Phytochemistry</i> , 2020, 179, 112481.	1.4	2
103	Distribution of 5,6-dihydro-Î±-pyrones by electrospray ionization ion trap mass spectrometry in different aerial parts of <i>Hyptis monticola</i> . <i>Phytochemistry</i> , 2021, 185, 112706.	1.4	2
104	Trends in Pharmacognosy: 35 Years of Research on Therapeutical Natural Resources. <i>Revista Brasileira De Farmacognosia</i> , 0, , 1.	0.6	1
105	Special Issue in Honor of Professor Rachel Mata. <i>Journal of Natural Products</i> , 2019, 82, 423-424.	1.5	0