Ana Estevez-Braun

List of Publications by Year
in descending order

113 papers	2,808 citations	186265 28 h-index	223800 46 g-index
125 all docs	125 docs citations	125 times ranked	3593 citing authors

#	Article	IF	Citations
1	Coumarins. Natural Product Reports, 1997, 14, 465.	10.3	157
2	Antiplasmodial Activity of Naphthoquinones Related to Lapachol andÎ²-Lapachone. Chemistry and Biodiversity, 2005, 2, 264-274.	2.1	135
3	Recent Studies on Natural Products as Anticancer Agents. Current Topics in Medicinal Chemistry, 2004, 4, 241-265.	2.1	129
4	Synthesis and Pharmacophore Modeling of Naphthoquinone Derivatives with Cytotoxic Activity in Human Promyelocytic Leukemia HL-60 Cell Line. Journal of Medicinal Chemistry, 2007, 50, 696-706.	6.4	115
5	Inhibitory effects of lapachol derivatives on epstein-barr virus activation. Bioorganic and Medicinal Chemistry, 2003, 11, 483-488.	3.0	104
6	Synthesis and Antimicrobial Activity of 4-Substituted 1,2,3-Triazole-Coumarin Derivatives. Molecules, 2018, 23, 199.	3.8	79
7	Design and Synthesis of a Novel Series of Pyranonaphthoquinones as Topoisomerase II Catalytic Inhibitors. Journal of Medicinal Chemistry, 2008, 51, 6761-6772.	6.4	76
8	Acetylenic Acids from the Aerial Parts ofNanodeamuscosaâŠ¥. Journal of Natural Products, 2003, 66, 722-724.	3.0	71
9	Synthesis and antiplasmodial activity of lycorine derivatives. Bioorganic and Medicinal Chemistry, 2010, 18, 4694-4701.	3.0	55
10	An efficient synthesis of embelin derivatives through domino Knoevenagel hetero Dielsâ€“Alder reactions under microwave irradiation. Tetrahedron, 2008, 64, 8938-8942.	1.9	50
11	Structure and absolute configuration of triterpene dimers from Maytenus scutioides. Tetrahedron, 1996, 52, 9597-9608.	1.9	49
12	Synthesis and induction of apoptosis signaling pathway of ent-kaurane derivatives. Bioorganic and Medicinal Chemistry, 2010, 18, 1724-1735.	3.0	47
13	Bioactive Montanine Derivatives from Halide-induced Rearrangements of Haemanthamine-type Alkaloids. Absolute Configuration by VCD. Organic Letters, 2009, 11, 1491-1494.	4.6	45
14	Double domino Knoevenagel hetero Dielsâ€“Alder strategy towards bis-pyrano-1,4-benzoquinones. Tetrahedron, 2007, 63, 3066-3074.	1.9	44
15	Synthesis and cytotoxic activity of metallic complexes of lawsone. Bioorganic and Medicinal Chemistry, 2013, 21, 2471-2477.	3.0	44
16	Structure and Antimicrobial Activity of Phloroglucinol Derivatives from Achyrocline satureioides. Journal of Natural Products, 2015, 78, 93-102.	3.0	43
17	Pancratium canariense as an Important Source of Amaryllidaceae Alkaloids. Journal of Natural Products, 2009, 72, 112-116.	3.0	39
18	Friedelane Triterpenoids fromMaytenus macrocarpa. Journal of Natural Products, 1998, 61, 82-85.	3.0	37

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19	Synthesis and Anti-HIV Activity of Lupane and Olean-18-ene Derivatives. Absolute Configuration of 19,20-Epoxylupanes by VCD. Journal of Natural Products, 2012, 75, 669-676.	3.0	37
20	Microwave-Assisted Organocatalytic Intramolecular Knoevenagel/Hetero Dielsâ€“Alder Reaction with O-(Arylpropynyloxy)-Salicylaldehydes: Synthesis of Polycyclic Embelin Derivatives. Journal of Organic Chemistry, 2016, 81, 9738-9756.	3.2	37
21	Î²-Agarofurans and Sesquiterpene Pyridine Alkaloids from Maytenus spinosa. Journal of Natural Products, 2014, 77, 1853-1863.	3.0	36
22	Effect of (E)-Chalcone on Potato-Cyst Nematodes (Globodera pallidaandG. rostochiensis). Journal of Agricultural and Food Chemistry, 1998, 46, 1163-1165.	5.2	35
23	Electronic and Cytotoxic Properties of 2-Amino-naphtho[2,3-b]furan-4,9-diones. Journal of Organic Chemistry, 2011, 76, 1634-1643.	3.2	35
24	Synthesis and biological evaluation of naphthoquinone-coumarin conjugates as topoisomerase II inhibitors. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 484-489.	2.2	35
25	Bis-pyranobenzoquinones as a New Family of Reversal Agents of the Multidrug Resistance Phenotype Mediated by P-Glycoprotein in Mammalian Cells and the Protozoan Parasite Leishmania. Journal of Medicinal Chemistry, 2008, 51, 7132-7143.	6.4	33
26	Three lignans from Bupleurum salicifolium. Phytochemistry, 1990, 29, 1981-1983.	2.9	31
27	Multicomponent Synthesis of Antibacterial Dihydropyridin and Dihydropyran Embelin Derivatives. Journal of Organic Chemistry, 2013, 78, 7977-7985.	3.2	30
28	Novel DNA-Damaging Tropolone Derivatives fromGoupia glabra. European Journal of Organic Chemistry, 2003, 2003, 4243-4247.	2.4	28
29	New terpenoids from Maytenus apurimacensis as MDR reversal agents in the parasite Leishmania. Bioorganic and Medicinal Chemistry, 2008, 16, 1425-1430.	3.0	28
30	Antiproliferative and Structure Activity Relationships of Amaryllidaceae Alkaloids. Molecules, 2015, 20, 13854-13863.	3.8	28
31	Lawsone, Juglone, and Î²-Lapachone Derivatives with Enhanced Mitochondrial-Based Toxicity. ACS Chemical Biology, 2018, 13, 1950-1957.	3.4	28
32	Terpenoids from the Medicinal PlantMaytenusilicifolia. Journal of Natural Products, 2007, 70, 1049-1052.	3.0	27
33	Synthesis and antimalarial activity of new haemanthamine-type derivatives. Bioorganic and Medicinal Chemistry, 2012, 20, 5464-5472.	3.0	27
34	First examples of dammarane triterpenes isolated from Celastraceae. Tetrahedron, 1997, 53, 6465-6472.	1.9	26
35	Complexes of Co(II), Ni(II) and Cu(II) with lapachol. Polyhedron, 2007, 26, 4860-4864.	2.2	26
36	Acanthamoeba castellanii Neff: In vitro activity against the trophozoite stage of a natural sesquiterpene and a synthetic cobalt(II)â€“lapachol complex. Experimental Parasitology, 2010, 126, 106-108.	1.2	26

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37	Macrocarpins Aâ€“D, new cytotoxic nor-triterpenes from Maytenus macrocarpa. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 759-762.	2.2	25
38	Cytotoxic Triterpenoids from Maytenus retusa. Journal of Natural Products, 2010, 73, 2029-2034.	3.0	25
39	Isokaerophyllin, a butyrolactone from Bupleurum salicifolium. Phytochemistry, 1990, 29, 675-678.	2.9	24
40	New Lignan Butenolides from Bupleurum salicifolium. Journal of Natural Products, 1993, 56, 1177-1181.	3.0	24
41	Signal transducer and activator of transcription (STAT)-5: an opportunity for drug development in oncohematology. Oncogene, 2019, 38, 4657-4668.	5.9	24
42	Structure of new bioactive triterpenes related to 22-Î²-hydroxy-tingenone. Tetrahedron, 1998, 54, 13579-13590.	1.9	23
43	Domino Synthesis of Embelin Derivatives with Antibacterial Activity. Journal of Natural Products, 2016, 79, 970-977.	3.0	23
44	The Lupane-type Triterpene 30-Oxo-calenduladiol Is a CCR5 Antagonist with Anti-HIV-1 and Anti-chemotactic Activities. Journal of Biological Chemistry, 2009, 284, 16609-16620.	3.4	22
45	Synthesis and anti-inflammatory activity of ent-kaurene derivatives. European Journal of Medicinal Chemistry, 2011, 46, 1291-1305.	5.5	22
46	Busaliol and Busalicifol, Two New Tetrahydrofuran Lignans from Bupleurum salicifolium. Journal of Natural Products, 1995, 58, 887-892.	3.0	21
47	New Phenolic and Quinoneâ˜Methide Triterpenes fromMaytenus amazonica. Journal of Natural Products, 1999, 62, 434-436.	3.0	21
48	Evaluation of labdane derivatives as potential anti-inflammatory agents. European Journal of Medicinal Chemistry, 2010, 45, 3155-3161.	5.5	21
49	Benzodihydrofurans from Cyperus teneriffae. Journal of Natural Products, 2011, 74, 1061-1065.	3.0	21
50	Synthesis and study of antiproliferative, antitopoisomerase II, DNA-intercalating and DNA-damaging activities of arylnaphthalimides. Bioorganic and Medicinal Chemistry, 2013, 21, 6484-6495.	3.0	21
51	Antibiotic Activity and Absolute Configuration of 8S-Heptadeca-2(Z),9(Z)-diene-4,6-diyne-1,8-diol from Bupleurum salicifolium. Journal of Natural Products, 1994, 57, 1178-1182.	3.0	20
52	Achyrofuran is an antibacterial agent capable of killing methicillin-resistant vancomycin-intermediate Staphylococcus aureus in the nanomolar range. Phytomedicine, 2013, 20, 133-138.	5.3	20
53	The chemistry and biology of lapachol and related natural products Î± and Î²-lapachones. Studies in Natural Products Chemistry, 2003, 29, 719-760.	1.8	19
54	Synthesis and Antiplasmodial Activity of 1,2,3-Triazole-Naphthoquinone Conjugates. Molecules, 2019, 24, 3917.	3.8	19

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55	Structural elucidation and conformational analysis of new lignan butenolides from the leaves of bupleurum salicifolium.. Tetrahedron, 1994, 50, 5203-5210.	1.9	18
56	Sesquiterpene Polyol Esters from the Leaves of Maytenus macrocarpa. Journal of Natural Products, 1999, 62, 1576-1577.	3.0	18
57	Triterpenoids and a Lignan from the Aerial Parts of Maytenus apurimacensis. Journal of Natural Products, 2009, 72, 1045-1048.	3.0	18
58	Chemistry and Biology of Pancratium Alkaloids. The Alkaloids Chemistry and Biology, 2010, 68, 1-37.	2.0	18
59	Indium catalyzed solvent-free multicomponent synthesis ofÂcytotoxic dibenzo[a,h]anthracenes from aldehydes, 2-hydroxy-1,4-naphthoquinone, and 2-naphthol. Tetrahedron, 2014, 70, 8480-8487.	1.9	18
60	Phytonematicidal Activity of Aromatic Compounds Related to Shikimate Pathway. Pesticide Biochemistry and Physiology, 1997, 58, 193-197.	3.6	17
61	New Dammarane Triterpenes from Maytenus macrocarpa. Chemical and Pharmaceutical Bulletin, 2007, 55, 812-814.	1.3	17
62	Labdanolic acid methyl ester (LAME) exerts anti-inflammatory effects through inhibition of TAK-1 activation. Toxicology and Applied Pharmacology, 2012, 258, 109-117.	2.8	16
63	Lignanolides from bupleurum salicifolium. Phytochemistry, 1992, 31, 2841-2845.	2.9	15
64	Inhibition of potato cyst nematode hatch by lignans fromBupleurum salicifolium (Unbelliferae). Journal of Chemical Ecology, 1994, 20, 517-524.	1.8	15
65	Biological activities of some Argyranthemum species. Phytochemistry, 1997, 45, 963-967.	2.9	15
66	Cheiloclines Aâ€“I. First examples of octacyclic sesquiterpene-triterpene hetero-Dielsâ€“Alder adducts. Tetrahedron, 2005, 61, 429-436.	1.9	15
67	Synthesis of 9- and 10-membered macrolactones by selective ozonolysis of 1,4-diazaphenanthrene derivatives. Tetrahedron, 2005, 61, 437-445.	1.9	15
68	Light effect on the stability of Î²-lapachone in solution: pathways and kinetics of degradation. Journal of Pharmacy and Pharmacology, 2011, 63, 1156-1160.	2.4	15
69	Semisynthesis and Inhibitory Effects of Solidagenone Derivatives on TLR-Mediated Inflammatory Responses. Molecules, 2018, 23, 3197.	3.8	15
70	Metal Complexes of Natural Product Like-compounds with Antitumor Activity. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 48-65.	1.7	15
71	13C NMR assignments of some dibenzyl-Î³-butyrolactone lignans. Phytochemistry, 1996, 43, 885-886.	2.9	14
72	Use of Ultrasound in the Synthesis of 2-(Alkylamino)benzoic Acids in Water. Synlett, 2005, 2005, 1606-1608.	1.8	14

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73	Yeast cytotoxic sensitivity to the antitumour agent Î²-lapachone depends mainly on oxidative stress and is largely independent of microtubule- or topoisomerase-mediated DNA damage. Biochemical Pharmacology, 2014, 92, 206-219.	4.4	14
74	A new family of choline kinase inhibitors with antiproliferative and antitumor activity derived from natural products. Clinical and Translational Oncology, 2015, 17, 74-84.	2.4	14
75	A new family of densely functionalized fused-benzoquinones as potent human protein kinase CK2 inhibitors. European Journal of Medicinal Chemistry, 2018, 144, 410-423.	5.5	14
76	Design, synthesis and biological evaluation of new embelin derivatives as CK2 inhibitors. Bioorganic Chemistry, 2020, 95, 103520.	4.1	13
77	Antiproliferative activity of withanolide derivatives from Jaborosa cabrerae and Jaborosa reflexa. Chemotaxonomic considerations. Phytochemistry, 2012, 76, 150-157.	2.9	12
78	Preparation and antimalarial activity of semisynthetic lycorenine derivatives. European Journal of Medicinal Chemistry, 2013, 63, 722-730.	5.5	12
79	Î±-Hispanolol Induces Apoptosis and Suppresses Migration and Invasion of Glioblastoma Cells Likely via Downregulation of MMP-2/9 Expression and p38MAPK Attenuation. Frontiers in Pharmacology, 2019, 10, 935.	3.5	11
80	Structure and estrogenic activity of new lignans from Iryanthera lancifolia. Bioorganic and Medicinal Chemistry, 2008, 16, 3387-3394.	3.0	10
81	Preparation, anticholinesterase activity and molecular docking of new lupane derivatives. Bioorganic and Medicinal Chemistry, 2014, 22, 3341-3350.	3.0	10
82	A Novel Naphthoquinone-Coumarin Hybrid That Inhibits BCR-ABL1-STAT5 Oncogenic Pathway and Reduces Survival in Imatinib-Resistant Chronic Myelogenous Leukemia Cells. Frontiers in Pharmacology, 2018, 9, 1546.	3.5	10
83	CM363, a novel naphthoquinone derivative which acts as multikinase modulator and overcomes imatinib resistance in chronic myelogenous leukemia. Oncotarget, 2017, 8, 29679-29698.	1.8	10
84	Domino Inverse Electron Demand Diels-Alder Reactions of Chromones with Ethyl Vinyl Ether. Heterocycles, 2007, 71, 1327.	0.7	9
85	Ultrasoundâ€Promoted Reaction of 2â€Chlorobenzoic Acids and Aliphatic Amines. European Journal of Organic Chemistry, 2007, 2007, 4111-4115.	2.4	9
86	Oxidation of natural targets by dimethyl dioxirane: Regio and stereospecific reactions on enol double bond of bioactive nor quinone methide triterpenes. Tetrahedron, 1996, 52, 10667-10672.	1.9	7
87	Agarofuran sesquiterpenes from Schaefferia argentinensis. Phytochemistry, 2013, 94, 260-267.	2.9	7
88	Synthesis and antibacterial activity of new symmetric polyoxygenated dibenzofurans. European Journal of Medicinal Chemistry, 2017, 141, 178-187.	5.5	6
89	Unexpected Domino Synthesis of Complex Angular Naphthoimidazoles. European Journal of Organic Chemistry, 2012, 2012, 5757-5766.	2.4	5
90	Antiproliferative and quinone reductase-inducing activities of withanolides derivatives. European Journal of Medicinal Chemistry, 2014, 82, 68-81.	5.5	5

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91	Synthesis of 4,4â€²â€Diaminotriphenylmethanes with Potential Selective Estrogen Receptor Modulator (SERM)â€like Activity. ChemMedChem, 2015, 10, 1403-1412.	3.2	5
92	5-Ethynylarylnaphthalimides as antitumor agents: Synthesis and biological evaluation. Bioorganic and Medicinal Chemistry, 2017, 25, 1976-1983.	3.0	5
93	Neuroprotective effects of Flaveria bidentis and Lippia salsa extracts on SH-SY5Y cells. South African Journal of Botany, 2018, 119, 318-324.	2.5	5
94	Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopesâ€“7. Molecules, 2020, 25, 2968.	3.8	5
95	Modular Synthesis and Antiproliferative Activity of New Dihydro-1H-pyrazolo[1,3-b]pyridine Embelin Derivatives. Pharmaceuticals, 2021, 14, 1026.	3.8	5
96	Dehydroisohispanolone as a Promising NLRP3 Inhibitor Agent: Bioevaluation and Molecular Docking. Pharmaceuticals, 2022, 15, 825.	3.8	5
97	Cucurbitacin F in Seeds of Kageneckia angustifolia (Rosaceae). Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2002, 57, 208-210.	1.4	4
98	Dihydro-Î²-agarofuran Sesquiterpenoids fromPlenckia integerrima. Planta Medica, 2011, 77, 1718-1724.	1.3	4
99	Synthesis, characterization and antiproliferative activity of mixed ligand complexes of Cu2+ and Co2+ with lapachol. Polyhedron, 2019, 165, 73-78.	2.2	4
100	Development of an inÂvitro screening assay for PIP5K1Î± lipid kinase and identification of potent inhibitors. FEBS Journal, 2020, 287, 3042-3064.	4.7	4
101	Dehydrohispanolone Derivatives Attenuate the Inflammatory Response through the Modulation of Inflammasome Activation. Journal of Natural Products, 2020, 83, 2155-2164.	3.0	4
102	Autodisplay of human PIP5K1Î± lipid kinase on Escherichia coli and inhibitor testing. Enzyme and Microbial Technology, 2021, 143, 109717.	3.2	4
103	FLTX2: A Novel Tamoxifen Derivative Endowed with Antiestrogenic, Fluorescent, and Photosensitizer Properties. International Journal of Molecular Sciences, 2021, 22, 5339.	4.1	4
104	JKST6, a novel multikinase modulator of the BCR-ABL1/STAT5 signaling pathway that potentiates direct BCR-ABL1 inhibition and overcomes imatinib resistance in chronic myelogenous leukemia. Biomedicine and Pharmacotherapy, 2021, 144, 112330.	5.6	4
105	Biological evaluation of angular disubstituted naphthoimidazoles as anti-inflammatory agents. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4210-4213.	2.2	3
106	Opto-chemical and laser properties of FLTX1, a novel fluorescent tamoxifen derivative, and its potential applications in breast cancer photodynamic chemotherapy. Optical Materials, 2018, 84, 442-446.	3.6	3
107	Efficient Multicomponent Synthesis of Diverse Antibacterial Embelin-Privileged Structure Conjugates. Molecules, 2020, 25, 3290.	3.8	3
108	Design, Semisynthesis, and Estrogenic Activity of Lignan Derivatives from Natural Dibenzylbutyrolactones. Pharmaceuticals, 2022, 15, 585.	3.8	2

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109	Preparation of new metallic complexes from 2-hydroxy-3-((5-methylfuran-2-yl)methyl)-1,4-naphthoquinone. Polyhedron, 2020, 177, 114280.	2.2	1
110	The Chemistry and Biology of Lapachol and Related Natural Products: Î±- and Î²-Lapachones. ChemInform, 2004, 35, no.	0.0	0
111	Synthesis of 9- and 10-Membered Macrolactones by Selective Ozonolysis of 1,4-Diazaphenanthrene Derivatives.. ChemInform, 2005, 36, no.	0.0	0
112	Use of Ultrasound in the Synthesis of 2-(Alkylamino)benzoic Acids in Water.. ChemInform, 2005, 36, no.	0.0	0
113	Synthesis and Fungicidal Activity of Hydrated Geranylated Phenols against Botrytis cinerea. Molecules, 2021, 26, 6815.	3.8	0