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	Design, Semisynthesis, and Estrogenic Activity of Lignan Derivatives from Natural Dibenzylbutyrolactones. Pharmaceuticals, 2022, 15, 585.	3.8	2
2	Dehydroisohispanolone as a Promising NLRP3 Inhibitor Agent: Bioevaluation and Molecular Docking. Pharmaceuticals, 2022, 15, 825.	3.8	5
3	Autodisplay of human PIP5K1Î± lipid kinase on Escherichia coli and inhibitor testing. Enzyme and Microbial Technology, 2021, 143, 109717.	3.2	4
4	FLTX2: A Novel Tamoxifen Derivative Endowed with Antiestrogenic, Fluorescent, and Photosensitizer Properties. International Journal of Molecular Sciences, 2021, 22, 5339.	4.1	4
5	Modular Synthesis and Antiproliferative Activity of New Dihydro-1H-pyrazolo[1,3-b]pyridine Embelin Derivatives. Pharmaceuticals, 2021, 14, 1026.	3.8	5
6	Synthesis and Fungicidal Activity of Hydrated Geranylated Phenols against Botrytis cinerea. Molecules, 2021, 26, 6815.	3.8	0
7	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
8	Design, synthesis and biological evaluation of new embelin derivatives as CK2 inhibitors. Bioorganic Chemistry, 2020, 95, 103520.	4.1	13
9	Preparation of new metallic complexes from 2-hydroxy-3-((5-methylfuran-2-yl)methyl)-1,4-naphthoquinone. Polyhedron, 2020, 177, 114280.	2.2	1
10	Development of an inÂvitro screening assay for PIP5K1Î± lipid kinase and identification of potent inhibitors. FEBS Journal, 2020, 287, 3042-3064.	4.7	4
11	Efficient Multicomponent Synthesis of Diverse Antibacterial Embelin-Privileged Structure Conjugates. Molecules, 2020, 25, 3290.	3.8	3
12	Dehydrohispanolone Derivatives Attenuate the Inflammatory Response through the Modulation of Inflammasome Activation. Journal of Natural Products, 2020, 83, 2155-2164.	3.0	4
13	Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopesâ€“7. Molecules, 2020, 25, 2968.	3.8	5
14	Synthesis and Antiplasmodial Activity of 1,2,3-Triazole-Naphthoquinone Conjugates. Molecules, 2019, 24, 3917.	3.8	19
15	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
16	Synthesis, characterization and antiproliferative activity of mixed ligand complexes of Cu2+ and Co2+ with lapachol. Polyhedron, 2019, 165, 73-78.	2.2	4
17	Signal transducer and activator of transcription (STAT)-5: an opportunity for drug development in oncohematology. Oncogene, 2019, 38, 4657-4668.	5.9	24
18	Metal Complexes of Natural Product Like-compounds with Antitumor Activity. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 48-65.	1.7	15

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19	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
20	Semisynthesis and Inhibitory Effects of Solidagenone Derivatives on TLR-Mediated Inflammatory Responses. Molecules, 2018, 23, 3197.	3.8	15
21	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
22	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
23	Synthesis and Antimicrobial Activity of 4-Substituted 1,2,3-Triazole-Coumarin Derivatives. Molecules, 2018, 23, 199.	3.8	79
24	Lawsone, Juglone, and Î²-Lapachone Derivatives with Enhanced Mitochondrial-Based Toxicity. ACS Chemical Biology, 2018, 13, 1950-1957.	3.4	28
25	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
26	5-Ethynylarylnaphthalimides as antitumor agents: Synthesis and biological evaluation. Bioorganic and Medicinal Chemistry, 2017, 25, 1976-1983.	3.0	5
27	Synthesis and biological evaluation of naphthoquinone-coumarin conjugates as topoisomerase II inhibitors. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 484-489.	2.2	35
28	Synthesis and antibacterial activity of new symmetric polyoxygenated dibenzofurans. European Journal of Medicinal Chemistry, 2017, 141, 178-187.	5.5	6
29	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
30	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
31	Domino Synthesis of Embelin Derivatives with Antibacterial Activity. Journal of Natural Products, 2016, 79, 970-977.	3.0	23
32	Synthesis of 4,4â€²â€Diaminotriphenylmethanes with Potential Selective Estrogen Receptor Modulator (SERM)â€like Activity. ChemMedChem, 2015, 10, 1403-1412.	3.2	5
33	Antiproliferative and Structure Activity Relationships of Amaryllidaceae Alkaloids. Molecules, 2015, 20, 13854-13863.	3.8	28
34	Biological evaluation of angular disubstituted naphthoimidazoles as anti-inflammatory agents. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4210-4213.	2.2	3
35	Structure and Antimicrobial Activity of Phloroglucinol Derivatives from Achyrocline satureioides. Journal of Natural Products, 2015, 78, 93-102.	3.0	43
36	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

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37	Preparation, anticholinesterase activity and molecular docking of new lupane derivatives. Bioorganic and Medicinal Chemistry, 2014, 22, 3341-3350.	3.0	10
38	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
39	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
40	Î²-Agarofurans and Sesquiterpene Pyridine Alkaloids from Maytenus spinosa. Journal of Natural Products, 2014, 77, 1853-1863.	3.0	36
41	Antiproliferative and quinone reductase-inducing activities of withanolides derivatives. European Journal of Medicinal Chemistry, 2014, 82, 68-81.	5.5	5
42	Multicomponent Synthesis of Antibacterial Dihydropyridin and Dihydropyran Embelin Derivatives. Journal of Organic Chemistry, 2013, 78, 7977-7985.	3.2	30
43	Agarofuran sesquiterpenes from Schaefferia argentinensis. Phytochemistry, 2013, 94, 260-267.	2.9	7
44	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
45	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
46	Synthesis and cytotoxic activity of metallic complexes of lawsone. Bioorganic and Medicinal Chemistry, 2013, 21, 2471-2477.	3.0	44
47	Preparation and antimalarial activity of semisynthetic lycorenine derivatives. European Journal of Medicinal Chemistry, 2013, 63, 722-730.	5.5	12
48	Unexpected Domino Synthesis of Complex Angular Naphthoimidazoles. European Journal of Organic Chemistry, 2012, 2012, 5757-5766.	2.4	5
49	Synthesis and antimalarial activity of new haemanthamine-type derivatives. Bioorganic and Medicinal Chemistry, 2012, 20, 5464-5472.	3.0	27
50	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
51	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
52	Antiproliferative activity of withanolide derivatives from Jaborosa cabrerae and Jaborosa reflexa. Chemotaxonomic considerations. Phytochemistry, 2012, 76, 150-157.	2.9	12
53	Benzodihydrofurans from Cyperus teneriffae. Journal of Natural Products, 2011, 74, 1061-1065.	3.0	21
54	Dihydro-Î²-agarofuran Sesquiterpenoids fromPlenckia integerrima. Planta Medica, 2011, 77, 1718-1724.	1.3	4

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55	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
56	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
57	Synthesis and anti-inflammatory activity of ent-kaurene derivatives. European Journal of Medicinal Chemistry, 2011, 46, 1291-1305.	5.5	22
58	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
59	Synthesis and induction of apoptosis signaling pathway of ent-kaurane derivatives. Bioorganic and Medicinal Chemistry, 2010, 18, 1724-1735.	3.0	47
60	Synthesis and antiplasmodial activity of lycorine derivatives. Bioorganic and Medicinal Chemistry, 2010, 18, 4694-4701.	3.0	55
61	Evaluation of labdane derivatives as potential anti-inflammatory agents. European Journal of Medicinal Chemistry, 2010, 45, 3155-3161.	5.5	21
62	Cytotoxic Triterpenoids from Maytenus retusa. Journal of Natural Products, 2010, 73, 2029-2034.	3.0	25
63	Chemistry and Biology of Pancratium Alkaloids. The Alkaloids Chemistry and Biology, 2010, 68, 1-37.	2.0	18
64	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
65	Pancratium canariense as an Important Source of Amaryllidaceae Alkaloids. Journal of Natural Products, 2009, 72, 112-116.	3.0	39
66	Triterpenoids and a Lignan from the Aerial Parts of Maytenus apurimacensis. Journal of Natural Products, 2009, 72, 1045-1048.	3.0	18
67	Bioactive Montanine Derivatives from Halide-induced Rearrangements of Haemanthamine-type Alkaloids. Absolute Configuration by VCD. Organic Letters, 2009, 11, 1491-1494.	4.6	45
68	New terpenoids from Maytenus apurimacensis as MDR reversal agents in the parasite Leishmania. Bioorganic and Medicinal Chemistry, 2008, 16, 1425-1430.	3.0	28
69	Structure and estrogenic activity of new lignans from Iryanthera lancifolia. Bioorganic and Medicinal Chemistry, 2008, 16, 3387-3394.	3.0	10
70	An efficient synthesis of embelin derivatives through domino Knoevenagel hetero Dielsâ€“Alder reactions under microwave irradiation. Tetrahedron, 2008, 64, 8938-8942.	1.9	50
71	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
72	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

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73	Domino Inverse Electron Demand Diels-Alder Reactions of Chromones with Ethyl Vinyl Ether. Heterocycles, 2007, 71, 1327.	0.7	9
74	New Dammarane Triterpenes from Maytenus macrocarpa. Chemical and Pharmaceutical Bulletin, 2007, 55, 812-814.	1.3	17
75	Terpenoids from the Medicinal PlantMaytenusilicifolia. Journal of Natural Products, 2007, 70, 1049-1052.	3.0	27
76	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
77	Ultrasoundâ€Promoted Reaction of 2â€Chlorobenzoic Acids and Aliphatic Amines. European Journal of Organic Chemistry, 2007, 2007, 4111-4115.	2.4	9
78	Double domino Knoevenagel hetero Dielsâ€“Alder strategy towards bis-pyrano-1,4-benzoquinones. Tetrahedron, 2007, 63, 3066-3074.	1.9	44
79	Complexes of Co(II), Ni(II) and Cu(II) with lapachol. Polyhedron, 2007, 26, 4860-4864.	2.2	26
80	Antiplasmodial Activity of Naphthoquinones Related to Lapachol andÎ²-Lapachone. Chemistry and Biodiversity, 2005, 2, 264-274.	2.1	135
81	Synthesis of 9- and 10-Membered Macrolactones by Selective Ozonolysis of 1,4-Diazaphenanthrene Derivatives.. ChemInform, 2005, 36, no.	0.0	0
82	Use of Ultrasound in the Synthesis of 2-(Alkylamino)benzoic Acids in Water.. ChemInform, 2005, 36, no.	0.0	0
83	Cheiloclines Aâ€“I. First examples of octacyclic sesquiterpene-triterpene hetero-Dielsâ€“Alder adducts. Tetrahedron, 2005, 61, 429-436.	1.9	15
84	Synthesis of 9- and 10-membered macrolactones by selective ozonolysis of 1,4-diazaphenanthrene derivatives. Tetrahedron, 2005, 61, 437-445.	1.9	15
85	Use of Ultrasound in the Synthesis of 2-(Alkylamino)benzoic Acids in Water. Synlett, 2005, 2005, 1606-1608.	1.8	14
86	Recent Studies on Natural Products as Anticancer Agents. Current Topics in Medicinal Chemistry, 2004, 4, 241-265.	2.1	129
87	The Chemistry and Biology of Lapachol and Related Natural Products: Î±- and Î²-Lapachones. ChemInform, 2004, 35, no.	0.0	0
88	Novel DNA-Damaging Tropolone Derivatives fromGoupia glabra. European Journal of Organic Chemistry, 2003, 2003, 4243-4247.	2.4	28
89	Inhibitory effects of lapachol derivatives on epstein-barr virus activation. Bioorganic and Medicinal Chemistry, 2003, 11, 483-488.	3.0	104
90	Acetylenic Acids from the Aerial Parts ofNanodeamuscosaâŠ¥. Journal of Natural Products, 2003, 66, 722-724.	3.0	71

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91	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
92	Cucurbitacin F in Seeds of Kageneckia angustifolia (Rosaceae). Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2002, 57, 208-210.	1.4	4
93	Macrocarpins Aâ€“D, new cytotoxic nor-triterpenes from Maytenus macrocarpa. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 759-762.	2.2	25
94	Sesquiterpene Polyol Esters from the Leaves of Maytenus macrocarpa. Journal of Natural Products, 1999, 62, 1576-1577.	3.0	18
95	New Phenolic and Quinoneâˆ'Methide Triterpenes fromMaytenus amazonica. Journal of Natural Products, 1999, 62, 434-436.	3.0	21
96	Friedelane Triterpenoids fromMaytenus macrocarpa. Journal of Natural Products, 1998, 61, 82-85.	3.0	37
97	Structure of new bioactive triterpenes related to 22-Î²-hydroxy-tingenone. Tetrahedron, 1998, 54, 13579-13590.	1.9	23
98	Effect of (E)-Chalcone on Potato-Cyst Nematodes (Globodera pallidaandG. rostochiensis). Journal of Agricultural and Food Chemistry, 1998, 46, 1163-1165.	5.2	35
99	Coumarins. Natural Product Reports, 1997, 14, 465.	10.3	157
100	First examples of dammarane triterpenes isolated from Celastraceae. Tetrahedron, 1997, 53, 6465-6472.	1.9	26
101	Phytonematicidal Activity of Aromatic Compounds Related to Shikimate Pathway. Pesticide Biochemistry and Physiology, 1997, 58, 193-197.	3.6	17
102	Biological activities of some Argyranthemum species. Phytochemistry, 1997, 45, 963-967.	2.9	15
103	Structure and absolute configuration of triterpene dimers from Maytenus scutioides. Tetrahedron, 1996, 52, 9597-9608.	1.9	49
104	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
105	13C NMR assignments of some dibenzyl-Î³-butyrolactone lignans. Phytochemistry, 1996, 43, 885-886.	2.9	14
106	Busaliol and Busalicifol, Two New Tetrahydrofuran Lignans from Bupleurum salicifolium. Journal of Natural Products, 1995, 58, 887-892.	3.0	21
107	Inhibition of potato cyst nematode hatch by lignans fromBupleurum salicifolium (Unbelliferae). Journal of Chemical Ecology, 1994, 20, 517-524.	1.8	15
108	Structural elucidation and conformational analysis of new lignan butenolides from the leaves of bupleurum salicifolium.. Tetrahedron, 1994, 50, 5203-5210.	1.9	18

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109	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
110	New Lignan Butenolides from Bupleurum salicifolium. Journal of Natural Products, 1993, 56, 1177-1181.	3.0	24
111	Lignanolides from bupleurum salicifolium. Phytochemistry, 1992, 31, 2841-2845.	2.9	15
112	Three lignans from Bupleurum salicifolium. Phytochemistry, 1990, 29, 1981-1983.	2.9	31
113	Isokaerophyllin, a butyrolactone from Bupleurum salicifolium. Phytochemistry, 1990, 29, 675-678.	2.9	24