

Joan Villena

List of Publications by Year in descending order

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37
papers

514
citations

623188

14
h-index

713013

21
g-index

37
all docs

37
docs citations

37
times ranked

836
citing authors

#	ARTICLE	IF	CITATIONS
1	Syndecan-2 downregulation impairs angiogenesis in human microvascular endothelial cells. <i>Experimental Cell Research</i> , 2009, 315, 795-808.	1.2	59
2	Daidzein–Estrogen Interaction in the Rat Uterus and Its Effect on Human Breast Cancer Cell Growth. <i>Journal of Medicinal Food</i> , 2012, 15, 1081-1090.	0.8	28
3	Cytotoxic and apoptotic effects of leptocarpin, a plant-derived sesquiterpene lactone, on human cancer cell lines. <i>Chemico-Biological Interactions</i> , 2015, 242, 415-421.	1.7	27
4	Study on the Cytotoxic Activity of Drimane Sesquiterpenes and Nordrimane Compounds against Cancer Cell Lines. <i>Molecules</i> , 2014, 19, 18993-19006.	1.7	26
5	Chemical Characterization and Anti-Oomycete Activity of <i>Laureliopsis philippianna</i> Essential Oils against <i>Saprolegnia parasitica</i> and <i>S. australis</i> . <i>Molecules</i> , 2015, 20, 8033-8047.	1.7	26
6	Oxaliplatin Analogues with Carboxy Derivatives of Boldine with Enhanced Antioxidant Activity. <i>Bioinorganic Chemistry and Applications</i> , 2015, 2015, 1-7.	1.8	26
7	Comparative Study on the Larvicidal Activity of Drimane Sesquiterpenes and Nordrimane Compounds against <i>Drosophila melanogaster</i> til-til. <i>Molecules</i> , 2013, 18, 4192-4208.	1.7	24
8	In vitro antioxidant and antiproliferative effect of the extracts of <i>Ephedra chilensis</i> K Presl aerial parts. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 53.	3.7	24
9	Antifungal study of the resinous exudate and of meroterpenoids isolated from <i>Psoralea glandulosa</i> (Fabaceae). <i>Journal of Ethnopharmacology</i> , 2012, 144, 809-811.	2.0	21
10	<i>Psoralea glandulosa</i> as a Potential Source of Anticancer Agents for Melanoma Treatment. <i>International Journal of Molecular Sciences</i> , 2015, 16, 7944-7959.	1.8	20
11	Antioxidant and Anti-Proliferative Activity of Essential Oil and Main Components from Leaves of <i>Aloysia polystachya</i> Harvested in Central Chile. <i>Molecules</i> , 2021, 26, 131.	1.7	18
12	Antioxidant and anti cancer activities of brown and red seaweed extracts from Chilean coasts. <i>Latin American Journal of Aquatic Research</i> , 2018, 46, 301-313.	0.2	18
13	Antigrowth activity and induction of apoptosis in human melanoma cells by <i>Drymis winteri</i> forst extract and its active components. <i>Chemico-Biological Interactions</i> , 2019, 305, 79-85.	1.7	17
14	Microwave-assisted reaction of 2,3-dichloronaphthoquinone with aminopyridines. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 999-1002.	0.6	14
15	Genistein Selectively Inhibits Estrogen-Induced Cell Proliferation and Other Responses to Hormone Stimulation in the Prepubertal Rat Uterus. <i>Journal of Medicinal Food</i> , 2011, 14, 1597-1603.	0.8	14
16	Synthesis and Evaluation of Novel Oxyalkylated Derivatives of 2,4-Dihydroxychalcone as Anti-Oomycete Agents against Bronopol Resistant Strains of <i>Saprolegnia</i> sp.. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1366.	1.8	13
17	Synthesis of geranylhydroquinone derivatives with potencial cytotoxic activity. <i>Quimica Nova</i> , 2012, 35, 523-526.	0.3	12
18	Diterpenylhydroquinones from Natural ent-Labdanes Induce Apoptosis through Decreased Mitochondrial Membrane Potential. <i>Molecules</i> , 2013, 18, 5348-5359.	1.7	12

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19	Autumn Royal and Ribier Grape Juice Extracts Reduced Viability and Metastatic Potential of Colon Cancer Cells. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-7.	0.5	12
20	Synthesis, characterization and in vitro biological evaluation of [Ru(η -6-arene)(N,N)Cl]PF ₆ compounds using the natural products arenes methylisoeugenol and anethole. Journal of Organometallic Chemistry, 2015, 782, 131-137.	0.8	10
21	Antifeedant effect of polygodial and drimenol derivatives against <i>Spodoptera frugiperda</i> and <i>Epilachna paenulata</i> and quantitative structure-activity analysis. Pest Management Science, 2018, 74, 1623-1629.	1.7	10
22	Antiproliferative effect and apoptotic activity of linear geranylphenol derivatives from phloroglucinol and orcinol. Chemico-Biological Interactions, 2016, 247, 22-29.	1.7	9
23	Resveratrol Decreases the Invasion Potential of Gastric Cancer Cells. Molecules, 2022, 27, 3047.	1.7	9
24	Structure-Activity Relationship of Dialkoxychalcones to Combat Fish Pathogen <i>Saprolegnia australis</i> . Molecules, 2018, 23, 1377.	1.7	8
25	Cytotoxic organometallic [Ru(η -6-anethole)(en)(X)]PF ₆ (X = Br or I) complexes: Synthesis, characterization and in vitro biological evaluation. Inorganic Chemistry Communication, 2017, 84, 221-224.	1.8	7
26	Inhibition of Caco-2 and MCF-7 cancer cells using chalcones: synthesis, biological evaluation and computational study. Natural Product Research, 2021, , 1-7.	1.0	7
27	Chemical Composition, Antioxidant and Anticancer Activities of <i>Leptocarpha rivularis</i> DC Flower Extracts. Molecules, 2021, 26, 67.	1.7	7
28	Hemi-Synthesis and Anti-Oomycete Activity of Analogues of Isocordoin. Molecules, 2017, 22, 968.	1.7	6
29	Synthesis and Antiproliferative Activity of New Cyclodiprenyl Phenols against Select Cancer Cell Lines. Molecules, 2018, 23, 2323.	1.7	6
30	(-)-Shikimic Acid as a Chiral Building Block for the Synthesis of New Cytotoxic 6-Aza-Analogues of Angucyclinones. Molecules, 2018, 23, 1422.	1.7	6
31	Syndecan-2 expression increases serum-withdrawal-induced apoptosis, mediated by re-distribution of Fas into lipid rafts, in stably transfected Swiss 3T3 cells. Apoptosis: an International Journal on Programmed Cell Death, 2006, 11, 2065-2075.	2.2	5
32	PRELIMINARY ANTIPROLIFERATIVE EVALUATION OF NATURAL,-SYNTHETIC BENZALDEHYDES AND BENZYL ALCOHOLS. Journal of the Chilean Chemical Society, 2013, 58, 1814-1816.	0.5	4
33	Ultrasound assisted synthesis and cytotoxicity evaluation of known α,β -dihydroxychalcone derivatives against cancer cell lines. Food and Chemical Toxicology, 2021, 148, 111969.	1.8	3
34	Cytotoxic Thiocarbamate Derivatives of Boldine. Natural Product Communications, 2010, 5, 1934578X1000501.	0.2	2
35	Evaluation of Antioxidant and Cytotoxic Activity of Hydro-Ethanollic Extracts Obtained from <i>Steiractinia aspera</i> Cuatrec. Molecules, 2022, 27, 4186.	1.7	2
36	ENHANCEMENT OF CYTOTOXIC ACTIVITY BY ENCAPSULATION IN PLURONIC POLYMER MICELLES: LEPTOCARPHA RIVULARIS EXTRACTS AGAINST HUMAN CANCER CELL LINES. Journal of the Chilean Chemical Society, 2019, 64, 4437-4440.	0.5	1

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37	Cytotoxic activity of crude extracts and fractions from <i>Blepharocalyx cruckshanksii</i> against selected human cancer cell lines. <i>Boletín Latinoamericano Y Del Caribe De Plantas Medicinales Y Aromaticas</i> , 2020, 19, 357-362.	0.2	1