

Silvio Sosa

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66
papers

1,910
citations

23
h-index

42
g-index

68
ext. papers

2,162
ext. citations

4.8
avg. IF

4.27
L-index

#	Paper	IF	Citations
66	In vivo anti-inflammatory and in vitro antioxidant activities of Mediterranean dietary plants. <i>Journal of Ethnopharmacology</i> , 2008 , 116, 144-51	5	205
65	A protein phosphatase 2A inhibition assay for a fast and sensitive assessment of okadaic acid contamination in mussels. <i>Toxicon</i> , 1996 , 34, 743-52	2.8	125
64	Differential cytotoxic effects of graphene and graphene oxide on skin keratinocytes. <i>Scientific Reports</i> , 2017 , 7, 40572	4.9	112
63	Characterization of topical antiinflammatory compounds in Rosmarinus officinalis L. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 1718-23	5.7	112
62	The protective ability of Mediterranean dietary plants against the oxidative damage: The role of radical oxygen species in inflammation and the polyphenol, flavonoid and sterol contents. <i>Food Chemistry</i> , 2009 , 112, 587-594	8.5	103
61	Highly sensitive electrochemiluminescent nanobiosensor for the detection of palytoxin. <i>ACS Nano</i> , 2012 , 6, 7989-97	16.7	83
60	Studies on the anti-inflammatory activity of phytopharmaceuticals prepared from Arnica flowers. <i>Planta Medica</i> , 2002 , 68, 385-91	3.1	80
59	Graphene and graphene oxide induce ROS production in human HaCaT skin keratinocytes: the role of xanthine oxidase and NADH dehydrogenase. <i>Nanoscale</i> , 2018 , 10, 11820-11830	7.7	70
58	Topical anti-inflammatory activity of extracts and compounds from Hypericum perforatum L. <i>Journal of Pharmacy and Pharmacology</i> , 2007 , 59, 703-9	4.8	69
57	New insights on cytological and metabolic features of <i>Ostreopsis cf. ovata</i> Fukuyo (Dinophyceae): a multidisciplinary approach. <i>PLoS ONE</i> , 2013 , 8, e57291	3.7	49
56	Lignan derivatives from <i>Krameria lappacea</i> roots inhibit acute inflammation in vivo and pro-inflammatory mediators in vitro. <i>Journal of Natural Products</i> , 2011 , 74, 1779-86	4.9	49
55	Occupational exposure to graphene based nanomaterials: risk assessment. <i>Nanoscale</i> , 2018 , 10, 15894-15903	7.7	46
54	Immuno-Modulatory and Anti-Inflammatory Effects of Dihydrogracilin A, a Terpene Derived from the Marine Sponge <i>Dendrilla membranosa</i> . <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	38
53	Anti-inflammatory, antioxidant and antifungal furanosesquiterpenoids isolated from <i>Commiphora erythraea</i> (Ehrenb.) Engl. resin. <i>Phytotherapy Research</i> , 2011 , 82, 654-61	3.2	32
52	Harmful dinoflagellate <i>Ostreopsis cf. ovata</i> Fukuyo: detection of ovatoxins in field samples and cell immunolocalization using antipalytoxin antibodies. <i>Environmental Science & Technology</i> , 2011 , 45, 7051-9	10.3	32
51	Comparative topical anti-inflammatory activity of cannabinoids and cannabivarins. <i>Phytotherapy Research</i> , 2010 , 81, 816-9	3.2	31
50	Evaluation of the topical anti-inflammatory activity of ginger dry extracts from solutions and plasters. <i>Planta Medica</i> , 2007 , 73, 1525-30	3.1	30

49	Topical anti-inflammatory activity of flavonoids and a new xanthone from Santolina insularis. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2005 , 60, 63-6	1.7	29
48	Anti-inflammatory activity of Leontopodium alpinum and its constituents. <i>Planta Medica</i> , 2004 , 70, 502-8	3.1	27
47	Improved anti-inflammatory activity of three new terpenoids derived, by systematic chemical modifications, from the abundant triterpenes of the flowery plant Calendula officinalis. <i>Chemistry and Biodiversity</i> , 2005 , 2, 657-71	2.5	27
46	Palytoxin-Containing Aquarium Soft Corals as an Emerging Sanitary Problem. <i>Marine Drugs</i> , 2016 , 14,	6	27
45	New sesquiterpene lactones from Arnica tincture prepared from fresh flowerheads of Arnica montana. <i>Planta Medica</i> , 2005 , 71, 1044-52	3.1	26
44	In vitro effects of yessotoxin on a primary culture of rat cardiomyocytes. <i>Toxicological Sciences</i> , 2008 , 106, 392-9	4.4	25
43	Ovatoxin-a, A Palytoxin Analogue Isolated from Ostreopsis cf. ovata Fukuyo: Cytotoxic Activity and ELISA Detection. <i>Environmental Science & Technology</i> , 2016 , 50, 1544-51	10.3	23
42	Sanitary problems related to the presence of Ostreopsis spp. in the Mediterranean Sea: a multidisciplinary scientific approach. <i>Annali Dell'istituto Superiore Di Sanita</i> , 2012 , 48, 407-14	1.6	23
41	Stereoisomers of 42-hydroxy palytoxin from Hawaiian Palythoa toxica and P. tuberculosa: stereostructure elucidation, detection, and biological activities. <i>Journal of Natural Products</i> , 2014 , 77, 351-7	4.9	22
40	Chemical composition and biological properties of Rhododendron anthopogon essential oil. <i>Molecules</i> , 2010 , 15, 2326-38	4.8	22
39	The marine toxin palytoxin induces necrotic death in HaCaT cells through a rapid mitochondrial damage. <i>Toxicology Letters</i> , 2014 , 229, 440-50	4.4	21
38	Oral administration of yessotoxin stabilizes E-cadherin in mouse colon. <i>Toxicology</i> , 2006 , 227, 145-55	4.4	21
37	Skin irritation potential of graphene-based materials using a non-animal test. <i>Nanoscale</i> , 2020 , 12, 610-627	4.7	21
36	N6-isopentenyladenosine affects cytotoxic activity and cytokines production by IL-2 activated NK cells and exerts topical anti-inflammatory activity in mice. <i>Pharmacological Research</i> , 2014 , 89, 1-10	10.2	20
35	Anti-inflammatory activities of hypocretenolides from Leontodon hispidus. <i>Planta Medica</i> , 1999 , 65, 704-8	3.1	20
34	Toxicity of palytoxin after repeated oral exposure in mice and in vitro effects on cardiomyocytes. <i>Toxicon</i> , 2013 , 75, 3-15	2.8	19
33	Topical anti-inflammatory activity of Eupatilin, a lipophilic flavonoid from mountain wormwood (Artemisia umbelliformis Lam.). <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 7726-30	5.7	19
32	Anti-inflammatory activity of two diterpenes of Hyptis suaveolens from El Salvador. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2006 , 61, 165-70	1.7	19

31	Characterization of palytoxin binding to HaCaT cells using a monoclonal anti-palytoxin antibody. <i>Marine Drugs</i> , 2013 , 11, 584-98	6	17
30	An aquarium hobbyist poisoning: Identification of new palytoxins in <i>Palythoa cf. toxica</i> and complete detoxification of the aquarium water by activated carbon. <i>Toxicon</i> , 2016 , 121, 41-50	2.8	14
29	Oxidative stress induced by palytoxin in human keratinocytes is mediated by a H ⁺ -dependent mitochondrial pathway. <i>Toxicology and Applied Pharmacology</i> , 2013 , 266, 1-8	4.6	14
28	Diarrhoeic shellfish toxins in Adriatic Sea mussels evaluated by an ELISA method. <i>Toxicon</i> , 1992 , 30, 673-6.8		14
27	Topical anti-inflammatory activity of boropinic acid and its natural and semi-synthetic derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 769-72	2.9	13
26	Acute Oral Toxicity of Pinnatoxin G in Mice. <i>Toxins</i> , 2020 , 12,	4.9	12
25	Massive Occurrence of the Harmful Benthic Dinoflagellate cf. in the Eastern Adriatic Sea. <i>Toxins</i> , 2019 , 11,	4.9	11
24	In vivo and in vitro effects of 42-hydroxy-palytoxin on mouse skeletal muscle: structural and functional impairment. <i>Toxicology Letters</i> , 2014 , 225, 285-93	4.4	11
23	Steroids with anti-inflammatory activity from <i>Vernonia nigritiana</i> Oliv. & Hiern. <i>Phytochemistry</i> , 2013 , 96, 288-98	4	11
22	Topical antiinflammatory activity of an innovative aqueous formulation of actichelated propolis vs two commercial propolis formulations. <i>Phytotherapy Research</i> , 2007 , 21, 823-6	6.7	10
21	Phytoplankton detection and DSP toxicity: methodological considerations. <i>Journal of Applied Phycology</i> , 1995 , 7, 163-166	3.2	10
20	The stretch-activated channel blocker Gd(3+) reduces palytoxin toxicity in primary cultures of skeletal muscle cells. <i>Chemical Research in Toxicology</i> , 2012 , 25, 1912-20	4	9
19	Antiinflammatory activity of coumarins from <i>Ligusticum lucidum</i> Mill. subsp. <i>cuneifolium</i> (Guss.) Tammaro (Apiaceae). <i>Phytotherapy Research</i> , 2010 , 24, 1697-9	6.7	9
18	Synthesis and anti-inflammatory activity of 3-(4Rgeranyloxy-3Rmethoxyphenyl)-2-trans propenoic acid and its ester derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 5709-14	2.9	9
17	A revisited hemolytic assay for palytoxin detection: Limitations for its quantitation in mussels. <i>Toxicon</i> , 2016 , 119, 225-33	2.8	9
16	Toxicology and diversity of marine toxins 2012 , 896-934		8
15	Toxic equivalency factors (TEFs) after acute oral exposure of azaspiracid 1, -2 and -3 in mice. <i>Toxicology Letters</i> , 2018 , 282, 136-146	4.4	8
14	Rimonabant reduces keratinocyte viability by induction of apoptosis and exerts topical anti-inflammatory activity in mice. <i>British Journal of Pharmacology</i> , 2011 , 162, 84-93	8.6	7

13	Keratinocytes are capable of selectively sensing low amounts of graphene-based materials: Implications for cutaneous applications. <i>Carbon</i> , 2020 , 159, 598-610	10.4	7
12	Topical Anti-Inflammatory Potential of Six Salvia Species Grown in Jordan. <i>Jordan Journal of Pharmaceutical Sciences</i> , 2014 , 7, 153-161		5
11	Ecotoxicological impact of graphene oxide: toxic effects on the model organism <i>Artemia franciscana</i> . <i>Environmental Science: Nano</i> , 2020 , 7, 3605-3615	7.1	5
10	Azaspiracids Increase Mitochondrial Dehydrogenases Activity in Hepatocytes: Involvement of Potassium and Chloride Ions. <i>Marine Drugs</i> , 2019 , 17,	6	4
9	Pro-inflammatory effects of palytoxin: an study on human keratinocytes and inflammatory cells. <i>Toxicology Research</i> , 2016 , 5, 1172-1181	2.6	4
8	A Novel Sensitive Cell-Based Immunoenzymatic Assay for Palytoxin Quantitation in Mussels. <i>Toxins</i> , 2018 , 10,	4.9	4
7	Anti-inflammatory sesquiterpene lactones from <i>Lourteigia ballotaefolia</i> . <i>Planta Medica</i> , 2002 , 68, 843-5	3.1	3
6	Partial Reversibility of the Cytotoxic Effect Induced by Graphene-Based Materials in Skin Keratinocytes. <i>Nanomaterials</i> , 2020 , 10,	5.4	3
5	In Vitro Cell Sensitivity to Palytoxin Correlates with High Gene Expression of the Na/K-ATPase α Subunit Isoform. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
4	CARBON-BASED nanomaterials and SKIN: An overview. <i>Carbon</i> , 2022 , 196, 683-698	10.4	1
3	Palytoxins: Toxicological Profile 2015 , 1-14		0
2	In Vivo Anti-inflammatory Activity of Some Naturally Occurring O- and N-Prenyl Secondary Metabolites. <i>Natural Product Communications</i> , 2014 , 9, 1934578X1400900	0.9	
1	Palytoxins: Toxicological Profile 2016 , 129-145		