Olga Meiri Chaim

List of Publications by Year
in descending order

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48 papers	2,022 citations	201674 27 h-index	243625 44 g-index
48 all docs	48 docs citations	48 times ranked	1142 citing authors

#	Article	IF	Citations
1	Brown spider dermonecrotic toxin directly induces nephrotoxicity. Toxicology and Applied Pharmacology, 2006, 211, 64-77.	2.8	116
2	Recent advances in the understanding of brown spider venoms: From the biology of spiders to the molecular mechanisms of toxins. Toxicon, 2014, 83, 91-120.	1.6	116
3	Identification, cloning, expression and functional characterization of an astacin-like metalloprotease toxin from Loxosceles intermedia (brown spider) venom. Biochemical Journal, 2007, 406, 355-363.	3.7	102
4	A novel expression profile of the Loxosceles intermedia spider venomous gland revealed by transcriptome analysis. Molecular BioSystems, 2010, 6, 2403.	2.9	95
5	Astacin-like metalloproteases are a gene family of toxins present in the venom of different species of the brown spider (genus Loxosceles). Biochimie, 2010, 92, 21-32.	2.6	95
6	Brown Spider (Loxosceles genus) Venom Toxins: Tools for Biological Purposes. Toxins, 2011, 3, 309-344.	3.4	90
7	Molecular cloning andÂfunctional characterization ofÂtwoÂisoforms ofÂdermonecrotic toxin from LoxoscelesÂintermedia (Brown spider) venom gland. Biochimie, 2006, 88, 1241-1253.	2.6	84
8	Experimental Evidence for a Direct Cytotoxicity of Loxosceles intermedia (Brown Spider) Venom in Renal Tissue. Journal of Histochemistry and Cytochemistry, 2004, 52, 455-467.	2.5	76
9	Two novel dermonecrotic toxins LiRecDT4 and LiRecDT5 from Brown spider (Loxosceles intermedia) venom: From cloning to functional characterization. Biochimie, 2007, 89, 289-300.	2.6	69
10	Identification, cloning and functional characterization of a novel dermonecrotic toxin (phospholipase D) from brown spider (Loxosceles intermedia) venom. Biochimica Et Biophysica Acta - General Subjects, 2008, 1780, 167-178.	2.4	66
11	Hyaluronidases in Loxosceles intermedia (Brown spider) venom are endo-Î²-N-acetyl-d-hexosaminidases hydrolases. Toxicon, 2007, 49, 758-768.	1.6	63
12	A Novel Hyaluronidase from Brown Spider (Loxosceles intermedia) Venom (Dietrich's Hyaluronidase): From Cloning to Functional Characterization. PLoS Neglected Tropical Diseases, 2013, 7, e2206.	3.0	61
13	Nephrotoxicity caused by brown spider venom phospholipase-D (dermonecrotic toxin) depends on catalytic activity. Biochimie, 2008, 90, 1722-1736.	2.6	57
14	Biological and structural comparison of recombinant phospholipase D toxins from Loxosceles intermedia (brown spider) venom. Toxicon, 2007, 50, 1162-1174.	1.6	54
15	Biotechnological applications of brown spider (Loxosceles genus) venom toxins. Biotechnology Advances, 2008, 26, 210-218.	11.7	52
16	Phospholipase-D activity and inflammatory response induced by brown spider dermonecrotic toxin: Endothelial cell membrane phospholipids as targets for toxicity. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2011, 1811, 84-96.	2.4	52
17	Analysis of therapeutic benefits of antivenin at different time intervals after experimental envenomation in rabbits by venom of the brown spider (Loxosceles intermedia). Toxicon, 2009, 53, 660-671.	1.6	50
18	Structure of a novel class II phospholipase D: Catalytic cleft is modified by a disulphide bridge. Biochemical and Biophysical Research Communications, 2011, 409, 622-627.	2.1	49

#	Article	IF	Citations
19	YAP and MRTF-A, transcriptional co-activators of RhoA-mediated gene expression, are critical for glioblastoma tumorigenicity. Oncogene, 2018, 37, 5492-5507.	5.9	49
20	Identification of a direct hemolytic effect dependent on the catalytic activity induced by phospholipaseâ€‹<scp>D</scp> (dermonecrotic toxin) from brown spider venom. Journal of Cellular Biochemistry, 2009, 107, 655-666.	2.6	47
21	Highlights in the knowledge of brown spider toxins. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2017, 23, 6.	1.4	47
22	Molecular cloning, heterologous expression and functional characterization of a novel translationally-controlled tumor protein (TCTP) family member from Loxosceles intermedia (brown) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.8	43
23	The relationship between calcium and the metabolism of plasma membrane phospholipids in hemolysis induced by brown spider venom phospholipaseâ€D toxin. Journal of Cellular Biochemistry, 2011, 112, 2529-2540.	2.6	44
24	Cytotoxic, thrombolytic and edematogenic activities of leucurolysin-a, a metalloproteinase from Bothrops leucurus snake venom. Toxicon, 2007, 50, 120-134.	1.6	42
25	The effect of brown spider venom on endothelial cell morphology and adhesive structures. Toxicon, 2006, 47, 844-853.	1.6	31
26	Active site mapping of Loxosceles phospholipases D: Biochemical and biological features. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 970-979.	2.4	29
27	Modulation of membrane phospholipids, the cytosolic calcium influx and cell proliferation following treatment of B16-F10 cells with recombinant phospholipase-D from Loxosceles intermedia (brown spider) venom. Toxicon, 2013, 67, 17-30.	1.6	28
28	Differential metalloprotease content and activity of three Loxosceles spider venoms revealed using two-dimensional electrophoresis approaches. Toxicon, 2013, 76, 11-22.	1.6	27
29	Potential Implications for Designing Drugs Against the Brown Spider Venom Phospholipaseâ€D. Journal of Cellular Biochemistry, 2017, 118, 726-738.	2.6	26
30	Inflammatory events induced by brown spider venom and its recombinant dermonecrotic toxin: A pharmacological investigation. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 149, 323-333.	2.6	25
31	A novel ICK peptide from the Loxosceles intermedia (brown spider) venom gland: Cloning, heterologous expression and immunological cross-reactivity approaches. Toxicon, 2013, 71, 147-158.	1.6	24
32	Brown Spider (Loxosceles) Venom Toxins as Potential Biotools for the Development of Novel Therapeutics. Toxins, 2019, 11, 355.	3.4	24
33	Brown spider (Loxosceles genus) venom toxins: Evaluation of biological conservation by immune cross-reactivity. Toxicon, 2015, 108, 154-166.	1.6	23
34	TCTP as a therapeutic target in melanoma treatment. British Journal of Cancer, 2017, 117, 656-665.	6.4	23
35	Brown spider phospholipase-D containing a conservative mutation (D233E) in the catalytic site: Identification and functional characterization. Journal of Cellular Biochemistry, 2013, 114, 2479-2492.	2.6	20
36	Insecticidal activity of a recombinant knottin peptide from Loxosceles intermedia venom and recognition of these peptides as a conserved family in the genus. Insect Molecular Biology, 2017, 26, 25-34.	2.0	17

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37	Structural Insights into Substrate Binding of Brown Spider Venom Class II Phospholipases D. Current Protein and Peptide Science, 2015, 16, 768-774.	1.4	16
38	Effects of the venom and the dermonecrotic toxin LiRecDT1 of Loxosceles intermedia in the rat liver. Toxicon, 2008, 52, 695-704.	1.6	15
39	Crystallization and preliminary X-ray diffraction analysis of a class II phospholipase D fromLoxosceles intermediavenom. Acta Crystallographica Section F: Structural Biology Communications, 2011, 67, 234-236.	0.7	13
40	TCTP from Loxosceles Intermedia (Brown Spider) Venom Contributes to the Allergic and Inflammatory Response of Cutaneous Loxoscelism. Cells, 2019, 8, 1489.	4.1	13
41	Expression and immunological cross-reactivity of LALP3, a novel astacin-like metalloprotease from brown spider (Loxosceles intermedia) venom. Biochimie, 2016, 128-129, 8-19.	2.6	12
42	Characterization of Brown spider (Loxosceles intermedia) hemolymph: Cellular and biochemical analyses. Toxicon, 2015, 98, 62-74.	1.6	11
43	Molecular cloning and in silico characterization of knottin peptide, U2-SCRTX-Lit2, from brown spider (Loxosceles intermedia) venom glands. Journal of Molecular Modeling, 2016, 22, 196.	1.8	11
44	Determination of sphingomyelinase-D activity of Loxosceles venoms in sphingomyelin/cholesterol liposomes containing horseradish peroxidase. Toxicon, 2011, 57, 574-579.	1.6	9
45	Loxosceles and Loxoscelism: Biology, Venom, Envenomation, and Treatment. , 2016, , 419-444.		3
46	Loxosceles Astacin-Like Proteases (LALPs). , 2013, , 1081-1086.		1
47	Loxosceles and Loxoscelism: Biology, Venom, Envenomation and Treatment. , 2015, , 1-22.		0
48	Abstract 3928: Sertraline in melanoma treatment: TCTP as a therapeutic target. , 2018, , .		0