

# Olga Meiri Chaim

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

2,022  
citations

201385

27  
h-index

243296

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. <i>Toxicology and Applied Pharmacology</i> , 2006, 211, 64-77.	1.3	116
2	Recent advances in the understanding of brown spider venoms: From the biology of spiders to the molecular mechanisms of toxins. <i>Toxicon</i> , 2014, 83, 91-120.	0.8	116
3	Identification, cloning, expression and functional characterization of an astacin-like metalloprotease toxin from <i>Loxosceles intermedia</i> (brown spider) venom. <i>Biochemical Journal</i> , 2007, 406, 355-363.	1.7	102
4	A novel expression profile of the <i>Loxosceles intermedia</i> spider venomous gland revealed by transcriptome analysis. <i>Molecular BioSystems</i> , 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 <i>Loxosceles</i> ). <i>Biochimie</i> , 2010, 92, 21-32.	1.3	95
6	Brown Spider ( <i>Loxosceles</i> genus) Venom Toxins: Tools for Biological Purposes. <i>Toxins</i> , 2011, 3, 309-344.	1.5	90
7	Molecular cloning and functional characterization of two isoforms of a dermonecrotic toxin from <i>Loxosceles intermedia</i> (Brown spider) venom gland. <i>Biochimie</i> , 2006, 88, 1241-1253.	1.3	84
8	Experimental Evidence for a Direct Cytotoxicity of <i>Loxosceles intermedia</i> (Brown Spider) Venom in Renal Tissue. <i>Journal of Histochemistry and Cytochemistry</i> , 2004, 52, 455-467.	1.3	76
9	Two novel dermonecrotic toxins LiRecDT4 and LiRecDT5 from Brown spider ( <i>Loxosceles intermedia</i> ) venom: From cloning to functional characterization. <i>Biochimie</i> , 2007, 89, 289-300.	1.3	69
10	Identification, cloning and functional characterization of a novel dermonecrotic toxin (phospholipase D) from brown spider ( <i>Loxosceles intermedia</i> ) venom. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008, 1780, 167-178.	1.1	66
11	Hyaluronidases in <i>Loxosceles intermedia</i> (Brown spider) venom are endo- $\beta$ -N-acetyl-d-hexosaminidases hydrolases. <i>Toxicon</i> , 2007, 49, 758-768.	0.8	63
12	A Novel Hyaluronidase from Brown Spider ( <i>Loxosceles intermedia</i> ) Venom (Dietrich's Hyaluronidase): From Cloning to Functional Characterization. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2206.	1.3	61
13	Nephrotoxicity caused by brown spider venom phospholipase-D (dermonecrotic toxin) depends on catalytic activity. <i>Biochimie</i> , 2008, 90, 1722-1736.	1.3	57
14	Biological and structural comparison of recombinant phospholipase D toxins from <i>Loxosceles intermedia</i> (brown spider) venom. <i>Toxicon</i> , 2007, 50, 1162-1174.	0.8	54
15	Biotechnological applications of brown spider ( <i>Loxosceles</i> genus) venom toxins. <i>Biotechnology Advances</i> , 2008, 26, 210-218.	6.0	52
16	Phospholipase-D activity and inflammatory response induced by brown spider dermonecrotic toxin: Endothelial cell membrane phospholipids as targets for toxicity. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2011, 1811, 84-96.	1.2	52
17	Analysis of therapeutic benefits of antivenin at different time intervals after experimental envenomation in rabbits by venom of the brown spider ( <i>Loxosceles intermedia</i> ). <i>Toxicon</i> , 2009, 53, 660-671.	0.8	50
18	Structure of a novel class II phospholipase D: Catalytic cleft is modified by a disulphide bridge. <i>Biochemical and Biophysical Research Communications</i> , 2011, 409, 622-627.	1.0	49

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19	YAP and MRTF-A, transcriptional co-activators of RhoA-mediated gene expression, are critical for glioblastoma tumorigenicity. <i>Oncogene</i> , 2018, 37, 5492-5507.	2.6	49
20	Identification of a direct hemolytic effect dependent on the catalytic activity induced by phospholipase D (dermonecrotic toxin) from brown spider venom. <i>Journal of Cellular Biochemistry</i> , 2009, 107, 655-666.	1.2	47
21	Highlights in the knowledge of brown spider toxins. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2017, 23, 6.	0.8	47
22	Molecular cloning, heterologous expression and functional characterization of a novel translationally-controlled tumor protein (TCTP) family member from <i>Loxosceles intermedia</i> (brown) Tj ETQq0 0 0 rgBT /Overlook 10 Tf 50		
23	The relationship between calcium and the metabolism of plasma membrane phospholipids in hemolysis induced by brown spider venom phospholipase D toxin. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 2529-2540.	1.2	44
24	Cytotoxic, thrombolytic and edematogenic activities of leucurolysin-a, a metalloproteinase from <i>Bothrops leucurus</i> snake venom. <i>Toxicon</i> , 2007, 50, 120-134.	0.8	42
25	The effect of brown spider venom on endothelial cell morphology and adhesive structures. <i>Toxicon</i> , 2006, 47, 844-853.	0.8	31
26	Active site mapping of <i>Loxosceles</i> phospholipases D: Biochemical and biological features. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 970-979.	1.2	29
27	Modulation of membrane phospholipids, the cytosolic calcium influx and cell proliferation following treatment of B16-F10 cells with recombinant phospholipase-D from <i>Loxosceles intermedia</i> (brown spider) venom. <i>Toxicon</i> , 2013, 67, 17-30.	0.8	28
28	Differential metalloprotease content and activity of three <i>Loxosceles</i> spider venoms revealed using two-dimensional electrophoresis approaches. <i>Toxicon</i> , 2013, 76, 11-22.	0.8	27
29	Potential Implications for Designing Drugs Against the Brown Spider Venom Phospholipase D. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 726-738.	1.2	26
30	Inflammatory events induced by brown spider venom and its recombinant dermonecrotic toxin: A pharmacological investigation. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 149, 323-333.	1.3	25
31	A novel ICK peptide from the <i>Loxosceles intermedia</i> (brown spider) venom gland: Cloning, heterologous expression and immunological cross-reactivity approaches. <i>Toxicon</i> , 2013, 71, 147-158.	0.8	24
32	Brown Spider ( <i>Loxosceles</i> ) Venom Toxins as Potential Biotools for the Development of Novel Therapeutics. <i>Toxins</i> , 2019, 11, 355.	1.5	24
33	Brown spider ( <i>Loxosceles</i> genus) venom toxins: Evaluation of biological conservation by immune cross-reactivity. <i>Toxicon</i> , 2015, 108, 154-166.	0.8	23
34	TCTP as a therapeutic target in melanoma treatment. <i>British Journal of Cancer</i> , 2017, 117, 656-665.	2.9	23
35	Brown spider phospholipase-D containing a conservative mutation (D233E) in the catalytic site: Identification and functional characterization. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 2479-2492.	1.2	20
36	Insecticidal activity of a recombinant knottin peptide from <i>Loxosceles intermedia</i> venom and recognition of these peptides as a conserved family in the genus. <i>Insect Molecular Biology</i> , 2017, 26, 25-34.	1.0	17

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37	Structural Insights into Substrate Binding of Brown Spider Venom Class II Phospholipases D. <i>Current Protein and Peptide Science</i> , 2015, 16, 768-774.	0.7	16
38	Effects of the venom and the dermonecrotic toxin LiRecDT1 of <i>Loxosceles intermedia</i> in the rat liver. <i>Toxicon</i> , 2008, 52, 695-704.	0.8	15
39	Crystallization and preliminary X-ray diffraction analysis of a class II phospholipase D from <i>Loxosceles intermedia</i> venom. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 234-236.	0.7	13
40	TCTP from <i>Loxosceles Intermedia</i> (Brown Spider) Venom Contributes to the Allergic and Inflammatory Response of Cutaneous Loxoscelism. <i>Cells</i> , 2019, 8, 1489.	1.8	13
41	Expression and immunological cross-reactivity of LALP3, a novel astacin-like metalloprotease from brown spider ( <i>Loxosceles intermedia</i> ) venom. <i>Biochimie</i> , 2016, 128-129, 8-19.	1.3	12
42	Characterization of Brown spider ( <i>Loxosceles intermedia</i> ) hemolymph: Cellular and biochemical analyses. <i>Toxicon</i> , 2015, 98, 62-74.	0.8	11
43	Molecular cloning and in silico characterization of knottin peptide, U2-SCRTX-Lit2, from brown spider ( <i>Loxosceles intermedia</i> ) venom glands. <i>Journal of Molecular Modeling</i> , 2016, 22, 196.	0.8	11
44	Determination of sphingomyelinase-D activity of <i>Loxosceles</i> venoms in sphingomyelin/cholesterol liposomes containing horseradish peroxidase. <i>Toxicon</i> , 2011, 57, 574-579.	0.8	9
45	<i>Loxosceles</i> and Loxoscelism: Biology, Venom, Envenomation, and Treatment. , 2016, , 419-444.		3
46	<i>Loxosceles</i> Astacin-Like Proteases (LALPs). , 2013, , 1081-1086.		1
47	<i>Loxosceles</i> 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