

Olga Meiri Chaim

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.

47
papers

1,681
citations

25
h-index

40
g-index

48
ext. papers

1,876
ext. citations

3.9
avg, IF

3.75
L-index

#	Paper	IF	Citations
47	Brown spider dermonecrotic toxin directly induces nephrotoxicity. <i>Toxicology and Applied Pharmacology</i> , 2006 , 211, 64-77	4.6	100
46	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	2.8	93
45	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, 355-63	3.8	86
44	A novel expression profile of the <i>Loxosceles intermedia</i> spider venomous gland revealed by transcriptome analysis. <i>Molecular BioSystems</i> , 2010 , 6, 2403-16		82
43	Brown spider (<i>Loxosceles</i> genus) venom toxins: tools for biological purposes. <i>Toxins</i> , 2011 , 3, 309-44	4.9	80
42	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	4.6	79
41	Molecular cloning and functional characterization of two isoforms of dermonecrotic toxin from <i>Loxosceles intermedia</i> (brown spider) venom gland. <i>Biochimie</i> , 2006 , 88, 1241-53	4.6	77
40	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, 455-67	3.4	67
39	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	4.6	61
38	Hyaluronidases in <i>Loxosceles intermedia</i> (Brown spider) venom are endo-beta-N-acetyl-d-hexosaminidases hydrolases. <i>Toxicon</i> , 2007 , 49, 758-68	2.8	58
37	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, 167-78	4	57
36	Nephrotoxicity caused by brown spider venom phospholipase-D (dermonecrotic toxin) depends on catalytic activity. <i>Biochimie</i> , 2008 , 90, 1722-36	4.6	51
35	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	4.8	50
34	Biological and structural comparison of recombinant phospholipase D toxins from <i>Loxosceles intermedia</i> (brown spider) venom. <i>Toxicon</i> , 2007 , 50, 1162-74	2.8	50
33	Biotechnological applications of brown spider (<i>Loxosceles</i> genus) venom toxins. <i>Biotechnology Advances</i> , 2008 , 26, 210-8	17.8	49
32	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, 660-71	2.8	43
31	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	5	41

30	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, 655-66	4.7	39
29	Molecular cloning, heterologous expression and functional characterization of a novel translationally-controlled tumor protein (TCTP) family member from <i>Loxosceles intermedia</i> (brown spider) venom. <i>International Journal of Biochemistry and Cell Biology</i> , 2012 , 44, 170-7	5.6	38
28	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, 622-7	3.4	38
27	Cytotoxic, thrombolytic and edematogenic activities of leucurolysin-a, a metalloproteinase from <i>Bothrops leucurus</i> snake venom. <i>Toxicon</i> , 2007 , 50, 120-34	2.8	38
26	YAP and MRTF-A, transcriptional co-activators of RhoA-mediated gene expression, are critical for glioblastoma tumorigenicity. <i>Oncogene</i> , 2018 , 37, 5492-5507	9.2	35
25	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, 2529-40	4.7	34
24	Highlights in the knowledge of brown spider toxins. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2017 , 23, 6	2.2	30
23	The effect of brown spider venom on endothelial cell morphology and adhesive structures. <i>Toxicon</i> , 2006 , 47, 844-53	2.8	26
22	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	2.8	24
21	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	2.8	23
20	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, 147-58	2.8	23
19	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	5	21
18	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, 323-33	3.2	20
17	Brown spider (<i>Loxosceles</i> genus) venom toxins: Evaluation of biological conservation by immune cross-reactivity. <i>Toxicon</i> , 2015 , 108, 154-66	2.8	19
16	Potential Implications for Designing Drugs Against the Brown Spider Venom Phospholipase-D. <i>Journal of Cellular Biochemistry</i> , 2017 , 118, 726-738	4.7	19
15	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, 2479-92	4.7	17
14	TCTP as a therapeutic target in melanoma treatment. <i>British Journal of Cancer</i> , 2017 , 117, 656-665	8.7	15
13	Structural Insights into Substrate Binding of Brown Spider Venom Class II Phospholipases D. <i>Current Protein and Peptide Science</i> , 2015 , 16, 768-74	2.8	14

12	Brown Spider () Venom Toxins as Potential Biotools for the Development of Novel Therapeutics. <i>Toxins</i> , 2019 , 11,	4.9	13
11	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, 234-6		12
10	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	2.8	11
9	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	3.4	10
8	Characterization of Brown spider (<i>Loxosceles intermedia</i>) hemolymph: cellular and biochemical analyses. <i>Toxicon</i> , 2015 , 98, 62-74	2.8	8
7	Determination of sphingomyelinase-D activity of <i>Loxosceles</i> venoms in sphingomyelin/cholesterol liposomes containing horseradish peroxidase. <i>Toxicon</i> , 2011 , 57, 574-9	2.8	8
6	TCTP from (Brown Spider) Venom Contributes to the Allergic and Inflammatory Response of Cutaneous Loxoscelism. <i>Cells</i> , 2019 , 8,	7.9	8
5	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	4.6	7
4	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	2	5
3	<i>Loxosceles</i> Astacin-Like Proteases (LALPs) 2013 , 1081-1086		1
2	<i>Loxosceles</i> and Loxoscelism: Biology, Venom, Envenomation, and Treatment 2016 , 419-444		1
1	<i>Loxosceles</i> and Loxoscelism: Biology, Venom, Envenomation and Treatment 2015 , 1-22		