# Fatima Laraba-Djebari

List of Publications by Year
in descending order



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|---|---|---|---|
| 114 papers | 1,571 citations | 361388 20 h-index | 395678 33 g-index |
| 130 all docs | 130 docs citations | 130 times ranked | 1160 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Neuromodulation of neurological disorders in a demyelination model: effect of a potassium channel inhibitor from Androctonus scorpion venom. Toxin Reviews, 2023, 42, 99-114. | 3.4 | 0 |
| 2 | Therapeutic Outcome of Anti-inflammatory and Antioxidative Medicines on the Dermonecrotic Activity of Cerastes cerastes Venom. Inflammation, 2022, 45, 1700-1719. | 3.8 | 1 |
| 3 | Nontoxic fraction of scorpion venom reduces bacterial growth and inflammatory response in a mouse model of infection. Toxin Reviews, 2021, 40, 310-324. | 3.4 | 7 |
| 4 | Scorpion envenomation: a deadly illness requiring an effective therapy. Toxin Reviews, 2021, 40, 592-605. | 3.4 | 5 |
| 5 | Development and evaluation of polymeric nanoparticles as a delivery system for snake envenoming prevention. Biologicals, 2021, 70, 44-52. | 1.4 | 8 |
| 6 | Isolation and Characterization of CD39-like Phosphodiesterase (Cc-PDE) from Cerastes cerastes Venom: Molecular Inhibitory Mechanism of Antiaggregation and Anticoagulation. Protein and Peptide Letters, 2021, 28, 426-441. | 0.9 | 6 |
| 7 | Immunomodulatory and protective effects of interleukin-4 on the neuropathological alterations induced by a potassium channel blocker. Journal of Neuroimmunology, 2021, 355, 577549. | 2.3 | 3 |
| 8 | Long-term antibody response and protective effect induced by attenuated scorpion toxins: Involvement of memory plasma cells. Immunobiology, 2021, 226, 152108. | 1.9 | 1 |
| 9 | Bioactive Molecules Derived from Snake Venoms with Therapeutic Potential for the Treatment of Thrombo-Cardiovascular Disorders Associated with COVID-19. Protein Journal, 2021, 40, 799-841. | 1.6 | 9 |
| 10 | Mast Cells Modulate the Immune Response and Redox Status of the Gastrointestinal Tract in Induced Venom Pathogenesis. Inflammation, 2021, 45, 509. | 3.8 | 0 |
| 11 | Involvement of Toll-like Receptor 4 in Neutrophil-Mediated Inflammation, Oxidative Stress and Tissue Damage Induced by Scorpion Venom. Inflammation, 2020, 43, 155-167. | 3.8 | 17 |
| 12 | Myotoxicity induced by Cerastes cerastes venom: Beneficial effect of heparin in skeletal muscle tissue regeneration. Acta Tropica, 2020, 202, 105274. | 2.0 | 5 |
| 13 | Purification and characterization of a thrombin-like enzyme isolated from Vipera lebetina venom: its interaction with platelet receptor. Blood Coagulation and Fibrinolysis, 2020, 31, 1-10. | 1.0 | 3 |
| 14 | Isolation and Functional Identification of an Antiplatelet RGD-Containing Disintegrin from Cerastes cerastes Venom. Protein Journal, 2020, 39, 574-590. | 1.6 | 7 |
| 15 | Involvement of the Endothelin Receptor Type A in the Cardiovascular Inflammatory Response Following Scorpion Envenomation. Toxins, 2020, 12, 389. | 3.4 | 4 |
| 16 | Chitosan nanoparticles as a delivery platform for neurotoxin II from Androctonus australis hector scorpion venom: Assessment of toxicity and immunogenicity. Acta Tropica, 2020, 205, 105353. | 2.0 | 13 |
| 17 | Differential effect of Androctonus australis hector venom components on macrophage KV channels: electrophysiological characterization. European Biophysics Journal, 2019, 48, 1-13. | 2.2 | 8 |
| 18 | Serotherapy against Voltage-Gated Sodium Channel-Targeting Î±Toxins from Androctonus Scorpion Venom. Toxins, 2019, 11, 63. | 3.4 | 12 |

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|---|---|---|---|
| 19 | Cerebrospinal inflammatory response following scorpion envenomation: role of histamine H1 and H3 receptors. Inflammopharmacology, 2019, 27, 589-601. | 3.9 | 5 |
| 20 | Kidney inflammation and tissue injury induced by scorpion venom: comparison with a nephrotoxic model. Toxin Reviews, 2019, 38, 240-247. | 3.4 | 7 |
| 21 | New and safe formulation for scorpion immunotherapy: Comparative study between saponin and FCA adjuvants associated to attenuated venom. Vaccine, 2018, 36, 1720-1727. | 3.8 | 7 |
| 22 | Involvement of Alveolar Macrophages and Neutrophils in Acute Lung Injury After Scorpion Envenomation: New Pharmacological Targets. Inflammation, 2018, 41, 773-783. | 3.8 | 8 |
| 23 | Isolation and characterization of an antiâ€leishmanial disintegrin from Cerastes cerastes venom. Journal of Biochemical and Molecular Toxicology, 2018, 32, e22018. | 3.0 | 18 |
| 24 | Cytotoxicity and actin cytoskeleton damage induced in human alveolar epithelial cells by Androctonus australis hector venom. Toxin Reviews, 2018, 37, 67-74. | 3.4 | 5 |
| 25 | Antiplatelet and anticoagulant activities of two phospholipase A2s purified from Cerastes cerastes venom: Structureâ€function relationship. Journal of Biochemical and Molecular Toxicology, 2018, 32, e22219. | 3.0 | 7 |
| 26 | Molecular modeling, biochemical characterization, and pharmacological properties of Cc<sub>3</sub>â€SPase: A plateletâ€aggregating thrombinâ€like enzyme purified from Cerastes cerastes venom. Journal of Biochemical and Molecular Toxicology, 2018, 32, e22165. | 3.0 | 6 |
| 27 | Neuro-immunoinflammalion induced by neurotoxins of Androctonus venom: Involvement of COX-2/PGE2 pathway. Toxicon, 2018, 149, 94. | 1.6 | 1 |
| 28 | TNF-Î± antagonist improves oxidative stress and lipid disorders induced by scorpion venom in the intestinal tissue. Acta Tropica, 2018, 185, 307-313. | 2.0 | 6 |
| 29 | Evaluation of neuroprotective effects of insulin on immuno-inflammatory and systemic disorders induced by kaliotoxin, a Kv1.3 channel blocker. Inflammation Research, 2018, 67, 863-877. | 4.0 | 1 |
| 30 | Development of a new approach of immunotherapy against scorpion envenoming: Avian IgYs an alternative to equine IgGs. International Immunopharmacology, 2018, 61, 256-265. | 3.8 | 13 |
| 31 | Androctonus australis hector venom triggers accelerated granulopoiesis through cytokines secretion. Toxicon, 2018, 149, 106. | 1.6 | 2 |
| 32 | Hemorrhagic metalloproteinase, Cc HSMâ€II, isolated from Cerastes cerastes venom: Purification and biochemical characterization. Journal of Biochemical and Molecular Toxicology, 2017, 31, N/A. | 3.0 | 7 |
| 33 | Switch of Steady-State to an Accelerated Granulopoiesis in Response to Androctonus australis hector Venom. Inflammation, 2017, 40, 871-883. | 3.8 | 6 |
| 34 | Age-Related Changes in Inflammatory Response after Experimental Envenomation: Impact on the Susceptibility to Androctonus australis hector Venom. Inflammation, 2017, 40, 1131-1142. | 3.8 | 4 |
| 35 | Beneficial effects of Heparin and l Arginine on dermonecrosis effect induced by Vipera lebetina venom: Involvement of NO in skin regeneration. Acta Tropica, 2017, 171, 226-232. | 2.0 | 8 |
| 36 | Improvement of function and survival of pancreatic beta-cells in streptozotocin-induced diabetic model by the scorpion venom fraction F1. Toxin Reviews, 2017, 36, 101-108. | 3.4 | 5 |

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|---|---|---|---|
| 37 | Safety and efficiency of active immunization with detoxified antigen against scorpion venom: side effect evaluation. Inflammation Research, 2017, 66, 765-774. | 4.0 | 3 |
| 38 | Cytotoxicity of Cerastes cerastes snake venom: Involvement of imbalanced redox status. Acta Tropica, 2017, 173, 116-124. | 2.0 | 6 |
| 39 | Purification and characterization of Cc-Lec, C-type lactose-binding lectin: A platelet aggregation and blood-clotting inhibitor from Cerastes cerastes venom. International Journal of Biological Macromolecules, 2017, 102, 336-350. | 7.5 | 13 |
| 40 | Purification and characterization of a platelet aggregation inhibitor and anticoagulant Cc 5_NTase, CD 73â€like, from Cerastes cerastes venom. Journal of Biochemical and Molecular Toxicology, 2017, 31, N/A. | 3.0 | 10 |
| 41 | Role of angiotensin II and angiotensin type-1 receptor in scorpion venom-induced cardiac and aortic tissue inflammation. Experimental and Molecular Pathology, 2017, 102, 32-40. | 2.1 | 23 |
| 42 | Reactogenicity and safety assessment of an attenuated nanovaccine against scorpion envenomation: Preclinical study. Vaccine, 2017, 35, 6657-6663. | 3.8 | 7 |
| 43 | Biochemical and biological characterization of a dermonecrotic metalloproteinase isolated from Cerastes cerastes snake venom. Journal of Biochemical and Molecular Toxicology, 2017, 31, N/A. | 3.0 | 5 |
| 44 | Neuroâ€Modulation of Immunoâ€Endocrine Response Induced by Kaliotoxin of Androctonus Scorpion Venom. Journal of Biochemical and Molecular Toxicology, 2016, 30, 580-587. | 3.0 | 2 |
| 45 | Involvement of Cholinergic and Adrenergic Receptors in Pathogenesis and Inflammatory Response Induced by Alpha-Neurotoxin Bot III of Scorpion Venom. Inflammation, 2016, 39, 1670-1680. | 3.8 | 3 |
| 46 | Competition of Kaliotoxin and insulin in their binding to Kv1.3 channel on brain. Toxicon, 2016, 116, 83-84. | 1.6 | 0 |
| 47 | Role of histamine H4-receptor as a pharmacological target in the induced hepatic and renal inflammatory response by scorpion venom. Toxicon, 2016, 116, 79-80. | 1.6 | 1 |
| 48 | CC3-SPase: A multifunctional thrombin-like protein from Cerastes cerastes venom with blood-clotting effect in human deficient plasma, interacting with fibrinogen and platelet receptors. Toxicon, 2016, 116, 81. | 1.6 | 1 |
| 49 | K+ channel blocker-induced neuroinflammatory response and neurological disorders: immunomodulatory effects of astaxanthin. Inflammation Research, 2016, 65, 623-634. | 4.0 | 15 |
| 50 | Development and characterization of a new carrier for vaccine delivery based on calcium-alginate nanoparticles: Safe immunoprotective approach against scorpion envenoming. Vaccine, 2016, 34, 2692-2699. | 3.8 | 41 |
| 51 | Involvement of oxidative stress in scorpion venom fraction V from Androctonus australis hector induced apoptosis in non-small cell lung carcinoma NCL-H358 cells. Toxicon, 2016, 116, 82. | 1.6 | 1 |
| 52 | InÂvitro studies with renal proximal tubule cells show direct cytotoxicity of Androctonus australis hector scorpion venom triggered by oxidative stress, caspase activation and apoptosis. Toxicon, 2016, 120, 29-37. | 1.6 | 8 |
| 53 | Cytotoxic activity of Androctonus australis hector venom and its toxic fractions on human lung cancer cell line. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2016, 22, 29. | 1.4 | 19 |
| 54 | Pathophysiological effects of Cerastes cerastes and Vipera lebetina venoms: Immunoneutralization using anti-native and anti-60Co irradiated venoms. Biologicals, 2016, 44, 1-11. | 1.4 | 21 |

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|---|---|---|---|
| 55 | Involvement of Kallikrein-Kinin System on Cardiopulmonary Alterations and Inflammatory Response Induced by Purified Aah I Toxin from Scorpion Venom. Inflammation, 2016, 39, 290-302. | 3.8 | 8 |
| 56 | Effect of cytokine antibodies in the immunomodulation of inflammatory response and metabolic disorders induced by scorpion venom. International Immunopharmacology, 2015, 27, 122-129. | 3.8 | 16 |
| 57 | Systemic Responses following Brain Injuries and Inflammatory Process Activation Induced by a Neurotoxin of <b><i>Androctonus</i></b> Scorpion Venom. NeuroImmunoModulation, 2015, 22, 347-357. | 1.8 | 14 |
| 58 | Androctonus australis hector venom contributes to the interaction between neuropeptides and mast cells in pulmonary hyperresponsiveness. International Immunopharmacology, 2015, 25, 19-29. | 3.8 | 13 |
| 59 | Immunopathologic effects of scorpion venom on hepato-renal tissues: Involvement of lipid derived inflammatory mediators. Experimental and Molecular Pathology, 2015, 99, 286-296. | 2.1 | 17 |
| 60 | Beneficial effects of Androctonus australis hector venom and its non-toxic fraction in the restoration of early hepatocyte-carcinogenesis induced by FB1 mycotoxin: Involvement of oxidative biomarkers. Experimental and Molecular Pathology, 2015, 99, 198-206. | 2.1 | 9 |
| 61 | Complement system and immunological mediators: Their involvements in the induced inflammatory process by Androctonus australis hector venom and its toxic components. Experimental and Toxicologic Pathology, 2015, 67, 389-397. | 2.1 | 11 |
| 62 | Purification and Characterization of a New Serine Protease (VLCII) Isolated from Vipera lebetina Venom: Its Role in Hemostasis. Journal of Biochemical and Molecular Toxicology, 2015, 29, 388-397. | 3.0 | 5 |
| 63 | TNF-alpha modulates adipose macrophage polarization to M1 phenotype in response to scorpion venom. Inflammation Research, 2015, 64, 929-936. | 4.0 | 16 |
| 64 | Enhancement of long-lasting immunoprotective effect against Androctonus australis hector envenomation using safe antigens: Comparative role of MF59 and Alum adjuvants. Vaccine, 2015, 33, 5756-5763. | 3.8 | 13 |
| 65 | CcMP-II, a new hemorrhagic metalloproteinase from Cerastes cerastes snake venom: Purification, biochemical characterization and amino acid sequence analysis. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2015, 167, 65-73. | 2.6 | 6 |
| 66 | Immunomodulatory and Protective Properties of Tacrolimus in Experimental Scorpion Envenomation. International Journal of Immunopathology and Pharmacology, 2014, 27, 69-78. | 2.1 | 3 |
| 67 | Isolation, Functional Characterization and Proteomic Identification of CC2-PLA2 from Cerastes cerastes Venom: A Basic Platelet-Aggregation-Inhibiting Factor. Protein Journal, 2014, 33, 61-74. | 1.6 | 18 |
| 68 | Pharmaco-modulation of inflammatory response induced by the Kv1.3 channel ligands. Journal of Neuroimmunology, 2014, 275, 158-159. | 2.3 | 0 |
| 69 | Purification, Characterization and Antibacterial Activity ofl-amino Acid Oxidase fromCerastes cerastes. Journal of Biochemical and Molecular Toxicology, 2014, 28, 347-354. | 3.0 | 14 |
| 70 | Modulation of Tissue Inflammatory Response by Histamine Receptors in Scorpion Envenomation Pathogenesis: Involvement of H4 Receptor. Inflammation, 2014, 37, 1689-1704. | 3.8 | 20 |
| 71 | Isolated biomolecules of pharmacological interest in hemostasis from Cerastes cerastes venom. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2013, 19, 11. | 1.4 | 18 |
| 72 | Effects of atropine and propranolol on lung inflammation in experimental envenomation: comparison of two buthidae venoms. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2013, 19, 8. | 1.4 | 20 |

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|---|---|---|---|
| 73 | Exploration of antimicrobial and biochemical changes of immune cells stimulated by Androctonus australis hector venom. Toxicon, 2013, 75, 217. | 1.6 | 0 |
| 74 | Pharmaco-Modulations of Induced Edema and Vascular Permeability Changes by Vipera lebetina Venom: Inflammatory Mechanisms. Inflammation, 2013, 36, 434-443. | 3.8 | 14 |
| 75 | Induced inflammatory response by scorpion stings in population at-risk. Toxicon, 2013, 75, 219. | 1.6 | 0 |
| 76 | Antibacterial activity isolated from Cerastes cerastes venom: Purification and characterization. Toxicon, 2013, 75, 219-220. | 1.6 | 1 |
| 77 | Neuro-inflammatory response induced by kaliotoxin 2. Toxicon, 2013, 75, 218. | 1.6 | 0 |
| 78 | Neuropathophysiological Effect and Immuno-Inflammatory Response Induced by Kaliotoxin of <b><i>Androctonus</i></b> Scorpion Venom. NeuroImmunoModulation, 2013, 20, 99-106. | 1.8 | 12 |
| 79 | Oral delivery of insulin from alginate/chitosan crosslinked by glutaraldehyde. International Journal of Biological Macromolecules, 2013, 58, 160-168. | 7.5 | 118 |
| 80 | Scorpion Venom Interactions with the Immune System. , 2013, , 1-18. | | 3 |
| 81 | TNF-Î± Involvement in Insulin Resistance Induced by Experimental Scorpion Envenomation. PLoS Neglected Tropical Diseases, 2012, 6, e1740. | 3.0 | 20 |
| 82 | Immunomodulation of the Inflammatory Response Induced by Androctonus australis hector Neurotoxins: Biomarker Interactions. NeuroImmunoModulation, 2012, 19, 103-110. | 1.8 | 31 |
| 83 | Incidence and severity of scorpion stings in Algeria. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2012, 18, 399-410. | 1.4 | 15 |
| 84 | Lung Immunoreactivity and Airway Inflammation: Their Assessment After Scorpion Envenomation. Inflammation, 2012, 35, 501-508. | 3.8 | 24 |
| 85 | 75. The P-I Metalloproteinase from Cerastes cerastes Snake Venom Inhibits Human Platelet Aggregation. Toxicon, 2012, 60, 132. | 1.6 | 3 |
| 86 | 151. Immuno-Inflammatory Response after Scorpion Envenomation: Potential Role of EÃ¯cosanoids and Histamine H1-Receptor. Toxicon, 2012, 60, 172. | 1.6 | 2 |
| 87 | Characterization of bacteriocin from Lactococcus isolated from traditional Algerian dairy products. Annals of Microbiology, 2012, 62, 177-185. | 2.6 | 4 |
| 88 | Enhanced immune sera and vaccine: Safe approach to treat scorpion envenoming. Vaccine, 2011, 29, 8951-8959. | 3.8 | 12 |
| 89 | CCSV-MPase, a Novel Procoagulant Metalloproteinase from Cerastes cerastes Venom: Purification, Biochemical Characterization and Protein Identification. Protein Journal, 2010, 29, 466-474. | 1.6 | 21 |
| 90 | Isolation and characterization of a myotoxin from the venom of Macrovipera lebetina transmediterranea. Toxicon, 2010, 56, 381-390. | 1.6 | 15 |

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|---|---|---|---|
| 91 | Purification and characterization of a fibrinogenolytic and hemorrhagic metalloproteinase isolated from Vipera lebetina venom. Biochimie, 2010, 92, 797-805. | 2.6 | 35 |
| 92 | Purification and biochemical characterization of a novel hemorrhagic metalloproteinase from horned viper (Cerastes cerastes) venom. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 150, 285-290. | 2.6 | 20 |
| 93 | Grafting of protein L-binding activity onto recombinant antibody fragments. Analytical Biochemistry, 2009, 388, 331-338. | 2.4 | 19 |
| 94 | Pathophysiological effects of Androctonus australis hector scorpion venom: Tissue damages and inflammatory response. Experimental and Toxicologic Pathology, 2008, 60, 373-380. | 2.1 | 82 |
| 95 | Combination of two antibody fragments F(abâ€²)2/Fab: An alternative for scorpion envenoming treatment. International Immunopharmacology, 2008, 8, 1386-1394. | 3.8 | 37 |
| 96 | IrradiatedCerastes cerastesVenom as a Novel Tool for Immunotherapy. Immunopharmacology and Immunotoxicology, 2008, 30, 37-52. | 2.4 | 23 |
| 97 | Toxicokinetic and toxicodynamic analyses of Androctonus australis hector venom in rats: Optimization of antivenom therapy. Toxicology and Applied Pharmacology, 2007, 218, 205-214. | 2.8 | 40 |
| 98 | Epidemiological data, clinical admission gradation and biological quantification by ELISA of scorpion envenomations in Algeria: effect of immunotherapy. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2004, 98, 240-250. | 1.8 | 67 |
| 99 | Effect of gamma irradiation on toxicity and immunogenicity of Androctonus australis hector venom. Canadian Journal of Physiology and Pharmacology, 2003, 81, 1118-1124. | 1.4 | 22 |
| 100 | Evaluation of the effect of gamma rays on the venom of Vipera lebetina by biochemical study. Canadian Journal of Physiology and Pharmacology, 2003, 81, 1110-1117. | 1.4 | 22 |
| 101 | Effects of 60Co gamma radiation on toxicity and hemorrhagic, myonecrotic, and edema-forming activities of Cerastes cerastes venom. Canadian Journal of Physiology and Pharmacology, 2003, 81, 1125-1130. | 1.4 | 15 |
| 102 | KTX3, the kaliotoxin from Buthus occitanus tunetanus scorpion venom: one of an extensive family of peptidyl ligands of potassium channels. Toxicon, 2000, 38, 105-111. | 1.6 | 13 |
| 103 | Purification, characterization and genomic organization of KTX2 from Androctonus australis, a new inhibitor of voltage and calcium activated K+ channel. Toxicon, 1996, 34, 331. | 1.6 | 0 |
| 104 | Characterization of PO<sub>1</sub>, a new peptide ligand of the apaminâ€sensitive Ca<sup>2+</sup> activated K<sup>+</sup> channel. International Journal of Peptide and Protein Research, 1996, 48, 514-521. | 0.1 | 40 |
| 105 | Afaacytin, an alphabeta-fibrinogenase from Cerastes cerastes (Horned Viper) Venom, Activates Purified Factor X and Induces Serotonin Release from Human Blood Platelets. FEBS Journal, 1995, 233, 756-765. | 0.2 | 43 |
| 106 | Purification, characterization and genomic organization of KTX2-AAH, a new kaliotoxin-like inhibitor of voltage and calcium-activated K+ channels. Toxicon, 1995, 33, 1126. | 1.6 | 1 |
| 107 | The kaliotoxin family enlarged. Purification, characterization, and precursor nucleotide sequence of KTX2 from Androctonus australis venom. Journal of Biological Chemistry, 1994, 269, 32835-43. | 3.4 | 62 |
| 108 | A fibrinogen-clotting serine proteinase from Cerastes cerastes (horned viper) venom with arginine-esterase and amidase activities. Purification, characterization and kinetic parameter determination. Toxicon, 1992, 30, 1399-1410. | 1.6 | 38 |

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|---|---|---|---|
| 109 | Purification and characterization of a phospholipase A2 from Cerastes cerastes (horn viper) snake venom. Toxicon, 1990, 28, 637-646. | 1.6 | 34 |
| 110 | Involvement of histamine H2-receptors in the induced pulmonary inflammation by Androctonus australis hector venom. Frontiers in Immunology, 0, 5, . | 4.8 | 0 |
| 111 | Implication of MMPs in the amplification of the inflammatory response in tissue necrosis induced by Cerastes cerastes venom. Frontiers in Immunology, 0, 5, . | 4.8 | 0 |
| 112 | Induction of microvascular leakage and histamine release by Androctonus australis hector venom. Frontiers in Immunology, 0, 5, . | 4.8 | 0 |
| 113 | Androctonus australis hector venom effects on oxidative stress biomarkers in experimental model. Frontiers in Immunology, 0, 5, . | 4.8 | 0 |
| 114 | Role of mast cells in pulmonary damage after Androctonus astralis hector scorpion envenoming. Frontiers in Immunology, 0, 5, . | 4.8 | 0 |