

Bannikuppe S Vishwanath

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8752942/publications.pdf>

Version: 2024-02-01

39
papers

1,232
citations

430442

18
h-index

360668

35
g-index

41
all docs

41
docs citations

41
times ranked

1330
citing authors

#	ARTICLE	IF	CITATIONS
1	Edema-inducing activity of phospholipase A2 purified from human synovial fluid and inhibition by aristolochic acid. <i>Inflammation</i> , 1988, 12, 549-561.	1.7	152
2	An overview on genus <i>garcinia</i> : phytochemical and therapeutical aspects. <i>Phytochemistry Reviews</i> , 2011, 10, 325-351.	3.1	133
3	Interaction of aristolochic acid with <i>Vipera russelli</i> phospholipase A2: Its effect on enzymatic and pathological activities. <i>Toxicon</i> , 1987, 25, 929-937.	0.8	90
4	Purification and characterization of a 34-kDa, heat stable glycoprotein from <i>Synadenium grantii</i> latex: action on human fibrinogen and fibrin clot. <i>Biochimie</i> , 2006, 88, 1313-1322.	1.3	84
5	Procoagulant activity of <i>Calotropis gigantea</i> latex associated with fibrinolytic activity. <i>Toxicon</i> , 2005, 46, 84-92.	0.8	82
6	Interaction of phospholipase A2 from <i>Vipera russelli</i> venom with aristolochic acid: A circular dichroism study. <i>Toxicon</i> , 1987, 25, 939-946.	0.8	60
7	Purification and partial biochemical characterization of an edema inducing phospholipase A2 from <i>Vipera russelli</i> (Russell's viper) snake venom. <i>Toxicon</i> , 1988, 26, 713-720.	0.8	58
8	Comparative Study on Plant Latex Proteases and their Involvement in Hemostasis: A Special Emphasis on Clot Inducing and Dissolving Properties. <i>Planta Medica</i> , 2007, 73, 1061-1067.	0.7	54
9	Topical application of serine proteases from <i>Wrightia tinctoria</i> R. Br. (Apocyanaceae) latex augments healing of experimentally induced excision wound in mice. <i>Journal of Ethnopharmacology</i> , 2013, 149, 377-383.	2.0	49
10	Quercetin-3-O-rhamnoside from <i>Euphorbia hirta</i> protects against snake Venom induced toxicity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 1528-1540.	1.1	46
11	Thrombin like activity of <i>Asclepias curassavica</i> L. latex: Action of cysteine proteases. <i>Journal of Ethnopharmacology</i> , 2009, 123, 106-109.	2.0	39
12	Cysteine proteases from the Asclepiadaceae plants latex exhibited thrombin and plasmin like activities. <i>Journal of Thrombosis and Thrombolysis</i> , 2009, 28, 304-308.	1.0	36
13	Celastrol modulates inflammation through inhibition of the catalytic activity of mediators of arachidonic acid pathway: Secretory phospholipase A 2 group IIA, 5-lipoxygenase and cyclooxygenase-2. <i>Pharmacological Research</i> , 2016, 113, 265-275.	3.1	35
14	Pergularin is a plant cysteine protease with thrombin-like activity from <i>Pergularia extensa</i> latex. <i>Thrombosis Research</i> , 2010, 125, e100-e105.	0.8	34
15	Protective effect of <i>Euphorbia hirta</i> and its components against snake venom induced lethality. <i>Journal of Ethnopharmacology</i> , 2015, 165, 180-190.	2.0	33
16	Inhibition of secretory phospholipase A2 enzyme by bilirubin: A new role as endogenous anti-inflammatory molecule. <i>Molecular and Cellular Biochemistry</i> , 2005, 276, 219-225.	1.4	22
17	Differential action of medically important Indian BIG FOUR snake venoms on rodent blood coagulation. <i>Toxicon</i> , 2016, 110, 19-26.	0.8	22
18	lipoic acid: An inhibitor of secretory phospholipase A2 with anti-inflammatory activity. <i>Life Sciences</i> , 2006, 80, 146-153.	2.0	21

#	ARTICLE	IF	CITATIONS
19	Characterization of Major Zinc Containing Myonecrotic and Procoagulant Metalloprotease ‘Malabarin’ from Non Lethal Trimeresurus malabaricus Snake Venom with Thrombin Like Activity: Its Neutralization by Chelating Agents. Current Topics in Medicinal Chemistry, 2011, 11, 2578-2588.	1.0	16
20	Progressive Hemorrhage and Myotoxicity Induced by Echis carinatus Venom in Murine Model: Neutralization by Inhibitor Cocktail of N,N,N',N'-Tetrakis (2-Pyridylmethyl) Ethane-1,2-Diamine and Silymarin. PLoS ONE, 2015, 10, e0135843.	1.1	16
21	Biochemical and biological characterization of Naja kaouthia venom from North-East India and its neutralization by polyvalent antivenom. Journal of Venom Research, 2013, 4, 31-8.	0.6	14
22	Local and systemic toxicity of Echis carinatus venom: neutralization by Cassia auriculata L. leaf methanol extract. Journal of Natural Medicines, 2015, 69, 111-122.	1.1	13
23	Dimethyl ester of bilirubin exhibits anti-inflammatory activity through inhibition of secretory phospholipase A2, lipoxygenase and cyclooxygenase. Archives of Biochemistry and Biophysics, 2016, 598, 28-39.	1.4	13
24	Purification and characterization of an anti-hemorrhagic protein from Naja naja (Indian cobra) venom. Toxicon, 2017, 140, 83-93.	0.8	11
25	Plant latex thrombin–like cysteine proteases alleviates bleeding by bypassing factor VIII in murine model. Journal of Cellular Biochemistry, 2019, 120, 12843-12858.	1.2	11
26	Echis carinatus snake venom metalloprotease-induced toxicities in mice: Therapeutic intervention by a repurposed drug, Tetraethyl thiuram disulfide (Disulfiram). PLoS Neglected Tropical Diseases, 2021, 15, e0008596.	1.3	11
27	Plant Latex Proteases: Natural Wound Healers. , 2017, , 297-323.		10
28	<i>Albizia lebeck</i> seed methanolic extract as a complementary therapy to manage local toxicity of <i>Echis carinatus</i> venom in a murine model. Pharmaceutical Biology, 2016, 54, 2568-2574.	1.3	9
29	Virtual analysis of structurally diverse synthetic analogs as inhibitors of snake venom secretory phospholipase A₂. Journal of Molecular Recognition, 2016, 29, 22-32.	1.1	9
30	Active-site directed peptide l-Phe-d-His-l-Leu inhibits angiotensin converting enzyme activity and dexamethasone-induced hypertension in rats. Peptides, 2019, 112, 34-42.	1.2	9
31	Combinatorial inhibition of Angiotensin converting enzyme, Neutral endopeptidase and Aminopeptidase N by N-methylated peptides alleviates blood pressure and fibrosis in rat model of dexamethasone-induced hypertension. Peptides, 2020, 123, 170180.	1.2	9
32	Plant DNases are potent therapeutic agents against <i>Echis carinatus</i> venom–induced tissue necrosis in mice. Journal of Cellular Biochemistry, 2019, 120, 8319-8332.	1.2	7
33	Evaluation of mechanisms of action of re-purposed drugs for treatment of COVID-19. Cellular Immunology, 2020, 358, 104240.	1.4	6
34	Serine protease from Tricosanthus tricuspidata accelerates healing of Echis carinatus venom-induced necrotic wound. Toxicon, 2020, 183, 1-10.	0.8	6
35	Thrombin-like serine protease, antiqorin from Euphorbia antiquorum latex induces platelet aggregation via PAR1-Akt/p38 signaling axis. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118925.	1.9	5
36	Drupin, a cysteine protease from Ficus drupacea latex accelerates excision wound healing in mice. International Journal of Biological Macromolecules, 2020, 165, 691-700.	3.6	4

#	ARTICLE	IF	CITATIONS
37	Syringol isolated from <i>Eleusine coracana</i> (L.) Gaertn bran suppresses inflammatory response through the down-regulation of cPLA2, COX-2, iNOS, p38 and MPO signaling in sPLA2 induced mice paw oedema. <i>Inflammopharmacology</i> , 2022, 30, 1853-1870.	1.9	2
38	Drupin, a thrombin-like protease prompts platelet activation and aggregation through protease-activated receptors. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 870-881.	1.2	0
39	Phenolic Rich Extract Of Finger Millet Bran Attenuates Lung Inflammation And Fibrosis In A Mouse Model Of Ovalbumin Induced Asthma. <i>International Journal of Pharma and Bio Sciences</i> , 2022, 12, 238-246.	0.1	0