

Bannikuppe S Vishwanath

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38

papers

1,016

citations

17

h-index

31

g-index

41

ext. papers

1,123

ext. citations

3.9

avg, IF

3.78

L-index

#	Paper	IF	Citations
38	Edema-inducing activity of phospholipase A2 purified from human synovial fluid and inhibition by aristolochic acid. <i>Inflammation</i> , 1988 , 12, 549-61	5.1	139
37	An overview on genus garcinia: phytochemical and therapeutical aspects. <i>Phytochemistry Reviews</i> , 2011 , 10, 325-351	7.7	104
36	Interaction of aristolochic acid with Vipera russelli phospholipase A2: its effect on enzymatic and pathological activities. <i>Toxicon</i> , 1987 , 25, 929-37	2.8	75
35	Procoagulant activity of Calotropis gigantea latex associated with fibrin(ogen)olytic activity. <i>Toxicon</i> , 2005 , 46, 84-92	2.8	74
34	Purification and characterization of a 34-kDa, heat stable glycoprotein from Synadenium grantii latex: action on human fibrinogen and fibrin clot. <i>Biochimie</i> , 2006 , 88, 1313-22	4.6	73
33	Interaction of phospholipase A2 from Vipera russelli venom with aristolochic acid: a circular dichroism study. <i>Toxicon</i> , 1987 , 25, 939-46	2.8	55
32	Purification and partial biochemical characterization of an edema inducing phospholipase A2 from Vipera russelli (Russell's viper) snake venom. <i>Toxicon</i> , 1988 , 26, 713-20	2.8	53
31	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, 1061-7	3.1	46
30	Topical application of serine proteases from Wrightia tinctoria R. Br. (Apocyanaceae) latex augments healing of experimentally induced excision wound in mice. <i>Journal of Ethnopharmacology</i> , 2013 , 149, 377-83	5	42
29	Thrombin like activity of Asclepias curassavica L. latex: action of cysteine proteases. <i>Journal of Ethnopharmacology</i> , 2009 , 123, 106-9	5	33
28	Pergularin e IV-a plant cysteine protease with thrombin-like activity from Pergularia extensa latex. <i>Thrombosis Research</i> , 2010 , 125, e100-5	8.2	32
27	Cysteine proteases from the Asclepiadaceae plants latex exhibited thrombin and plasmin like activities. <i>Journal of Thrombosis and Thrombolysis</i> , 2009 , 28, 304-8	5.1	28
26	Quercetin-3-O-rhamnoside from Euphorbia hirta protects against snake Venom induced toxicity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016 , 1860, 1528-40	4	27
25	Protective effect of Euphorbia hirta and its components against snake venom induced lethality. <i>Journal of Ethnopharmacology</i> , 2015 , 165, 180-90	5	23
24	Celastrol modulates inflammation through inhibition of the catalytic activity of mediators of arachidonic acid pathway: Secretory phospholipase A group IIA, 5-lipoxygenase and cyclooxygenase-2. <i>Pharmacological Research</i> , 2016 , 113, 265-275	10.2	23
23	Differential action of medically important Indian BIG FOUR snake venoms on rodent blood coagulation. <i>Toxicon</i> , 2016 , 110, 19-26	2.8	19
22	Inhibition of secretory phospholipase A(2) enzyme by bilirubin: a new role as endogenous anti-inflammatory molecule. <i>Molecular and Cellular Biochemistry</i> , 2005 , 276, 219-25	4.2	18

21	Alpha-lipoic acid: an inhibitor of secretory phospholipase A2 with anti-inflammatory activity. <i>Life Sciences</i> , 2006 , 80, 146-53	6.8	17
20	Progressive Hemorrhage and Myotoxicity Induced by Echis carinatus Venom in Murine Model: Neutralization by Inhibitor Cocktail of N,N,N,NVTetrakis (2-Pyridylmethyl) Ethane-1,2-Diamine and Silymarin. <i>PLoS ONE</i> , 2015 , 10, e0135843	3.7	14
19	Characterization of major zinc containing myonecrotic and procoagulant metalloprotease VnalabarinVfrom non lethal trimeresurus malabaricus snake venom with thrombin like activity: its neutralization by chelating agents. <i>Current Topics in Medicinal Chemistry</i> , 2011 , 11, 2578-88	3	14
18	Biochemical and biological characterization of Naja kaouthia venom from North-East India and its neutralization by polyvalent antivenom. <i>Journal of Venom Research</i> , 2013 , 4, 31-8	0.6	13
17	Local and systemic toxicity of Echis carinatus venom: neutralization by Cassia auriculata L. leaf methanol extract. <i>Journal of Natural Medicines</i> , 2015 , 69, 111-22	3.3	12
16	Plant latex thrombin-like cysteine proteases alleviates bleeding by bypassing factor VIII in murine model. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 12843-12858	4.7	10
15	Purification and characterization of an anti-hemorrhagic protein from Naja naja (Indian cobra) venom. <i>Toxicon</i> , 2017 , 140, 83-93	2.8	9
14	Plant Latex Proteases: Natural Wound Healers 2017 , 297-323		9
13	Albizia lebeck seed methanolic extract as a complementary therapy to manage local toxicity of Echis carinatus venom in a murine model. <i>Pharmaceutical Biology</i> , 2016 , 54, 2568-2574	3.8	8
12	Dimethyl ester of bilirubin exhibits anti-inflammatory activity through inhibition of secretory phospholipase A2, lipoxygenase and cyclooxygenase. <i>Archives of Biochemistry and Biophysics</i> , 2016 , 598, 28-39	4.1	8
11	Virtual analysis of structurally diverse synthetic analogs as inhibitors of snake venom secretory phospholipase A2. <i>Journal of Molecular Recognition</i> , 2016 , 29, 22-32	2.6	8
10	Active-site directed peptide l-Phe-d-His-l-Leu inhibits angiotensin converting enzyme activity and dexamethasone-induced hypertension in rats. <i>Peptides</i> , 2019 , 112, 34-42	3.8	5
9	Plant DNases are potent therapeutic agents against Echis carinatus venom-induced tissue necrosis in mice. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 8319-8332	4.7	5
8	Echis carinatus snake venom metalloprotease-induced toxicities in mice: Therapeutic intervention by a repurposed drug, Tetraethyl thiuram disulfide (Disulfiram). <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0008596	4.8	5
7	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. <i>Peptides</i> , 2020 , 123, 170180	3.8	4
6	Evaluation of mechanisms of action of re-purposed drugs for treatment of COVID-19. <i>Cellular Immunology</i> , 2020 , 358, 104240	4.4	4
5	Serine protease from Tricosanthus tricuspidata accelerates healing of Echis carinatus venom-induced necrotic wound. <i>Toxicon</i> , 2020 , 183, 1-10	2.8	3
4	Thrombin-like serine protease, antiqorin from Euphorbia antiqorum latex induces platelet aggregation via PAR1-Akt/p38 signaling axis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021 , 1868, 118925	4.9	2

- 3 Drupin, a cysteine protease from *Ficus drupacea* latex accelerates excision wound healing in mice. *International Journal of Biological Macromolecules*, **2020**, 165, 691-700 7.9 1
- 2 Phenolic Rich Extract Of Finger Millet Bran Attenuates Lung Inflammation And Fibrosis In A Mouse Model Of Ovalbumin Induced Asthma. *International Journal of Pharma and Bio Sciences*, **2022**, 12, 238-246^{1,2}
- 1 Drupin, a thrombin-like protease prompts platelet activation and aggregation through protease-activated receptors. *Journal of Cellular Biochemistry*, **2021**, 122, 870-881 4.7