

Ivo Mb Francischetti

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

3,594
citations

109137

35
h-index

197535

49
g-index

52
all docs

52
docs citations

52
times ranked

2919
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulation of host immunity by tick saliva. <i>Journal of Proteomics</i> , 2015, 128, 58-68.	1.2	196
2	Antiinflammatory and Immunosuppressive Activity of Sialostatin L, a Salivary Cystatin from the Tick <i>Ixodes scapularis</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 26298-26307.	1.6	193
3	Exploring the salivary gland transcriptome and proteome of the <i>Anopheles stephensi</i> mosquito. <i>Insect Biochemistry and Molecular Biology</i> , 2003, 33, 717-732.	1.2	181
4	Cloning of a salivary gland metalloprotease and characterization of gelatinase and fibrin(ogen)lytic activities in the saliva of the Lyme disease tick vector <i>Ixodes scapularis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 869-875.	1.0	153
5	Comparative sialomics between hard and soft ticks: Implications for the evolution of blood-feeding behavior. <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 42-58.	1.2	144
6	The transcriptome of the salivary glands of the female western black-legged tick <i>Ixodes pacificus</i> (Acari: Ixodidae). <i>Insect Biochemistry and Molecular Biology</i> , 2005, 35, 1142-1161.	1.2	142
7	Sialomes and Mialomes: A Systems-Biology View of Tick Tissues and Tick-Host Interactions. <i>Trends in Parasitology</i> , 2016, 32, 242-254.	1.5	123
8	An insight into the sialome of the adult female mosquito <i>Aedes albopictus</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 107-127.	1.2	119
9	Deconstructing Tick Saliva. <i>Journal of Biological Chemistry</i> , 2011, 286, 10960-10969.	1.6	117
10	An insight into the sialome of the blood-sucking bug <i>Triatoma infestans</i> , a vector of Chagas disease. <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 213-232.	1.2	114
11	Aegyptin, a Novel Mosquito Salivary Gland Protein, Specifically Binds to Collagen and Prevents Its Interaction with Platelet Glycoprotein VI, Integrin $\alpha 2 \beta 1$, and von Willebrand Factor. <i>Journal of Biological Chemistry</i> , 2007, 282, 26928-26938.	1.6	111
12	<i>Bitis gabonica</i> (Gaboon viper) snake venom gland: toward a catalog for the full-length transcripts (cDNA) and proteins. <i>Gene</i> , 2004, 337, 55-69.	1.0	109
13	An insight into the sialome of the soft tick, <i>Ornithodoros parkeri</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 1-21.	1.2	105
14	Purification, Cloning, Expression, and Mechanism of Action of a Novel Platelet Aggregation Inhibitor from the Salivary Gland of the Blood-sucking Bug, <i>Rhodnius prolixus</i> . <i>Journal of Biological Chemistry</i> , 2000, 275, 12639-12650.	1.6	104
15	Tick salivary secretion as a source of antihemostatics. <i>Journal of Proteomics</i> , 2012, 75, 3842-3854.	1.2	104
16	Platelet aggregation inhibitors from hematophagous animals. <i>Toxicon</i> , 2010, 56, 1130-1144.	0.8	103
17	CONvulxin, a potent platelet-aggregating protein from <i>Crotalus durissus terrificus</i> venom, specifically binds to platelets. <i>Toxicon</i> , 1997, 35, 1217-1228.	0.8	102
18	The role of salivary lipocalins in blood feeding by <i>Rhodnius prolixus</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2005, 58, 97-105.	0.6	95

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19	A catalog for the transcripts from the venomous structures of the caterpillar <i>Lonomia obliqua</i> : Identification of the proteins potentially involved in the coagulation disorder and hemorrhagic syndrome. <i>Gene</i> , 2005, 355, 11-27.	1.0	84
20	An insight into the salivary transcriptome and proteome of the soft tick and vector of epizootic bovine abortion, <i>Ornithodoros coriaceus</i> . <i>Journal of Proteomics</i> , 2008, 71, 493-512.	1.2	84
21	A further insight into the sialome of the tropical bont tick, <i>Amblyomma variegatum</i> . <i>BMC Genomics</i> , 2011, 12, 136.	1.2	81
22	Inhibition of Hemostasis by a High Affinity Biogenic Amine-binding Protein from the Saliva of a Blood-feeding Insect. <i>Journal of Biological Chemistry</i> , 2003, 278, 4611-4617.	1.6	80
23	Salivary Antigen-5/CAP Family Members Are Cu ²⁺ -dependent Antioxidant Enzymes That Scavenge O ₂ ^{•-} and Inhibit Collagen-induced Platelet Aggregation and Neutrophil Oxidative Burst. <i>Journal of Biological Chemistry</i> , 2013, 288, 14341-14361.	1.6	76
24	Sexual differences in the sialomes of the zebra tick, <i>Rhipicephalus pulchellus</i> . <i>Journal of Proteomics</i> , 2015, 117, 120-144.	1.2	67
25	Does activation of the blood coagulation cascade have a role in malaria pathogenesis?. <i>Trends in Parasitology</i> , 2008, 24, 258-263.	1.5	62
26	An insight into the sialotranscriptome and proteome of the coarse bontlegged tick, <i>Hyalomma marginatum rufipes</i> . <i>Journal of Proteomics</i> , 2011, 74, 2892-2908.	1.2	62
27	Alboserpin, a Factor Xa Inhibitor from the Mosquito Vector of Yellow Fever, Binds Heparin and Membrane Phospholipids and Exhibits Antithrombotic Activity. <i>Journal of Biological Chemistry</i> , 2011, 286, 27998-28010.	1.6	62
28	Lufaxin, a Novel Factor Xa Inhibitor From the Salivary Gland of the Sand Fly <i>Lutzomyia longipalpis</i> Blocks Protease-Activated Receptor 2 Activation and Inhibits Inflammation and Thrombosis In Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2185-2198.	1.1	62
29	Structure of Protein Having Inhibitory Disintegrin and Leukotriene Scavenging Functions Contained in Single Domain. <i>Journal of Biological Chemistry</i> , 2012, 287, 10967-10976.	1.6	53
30	The sialotranscriptome of <i>Antricola delacruzi</i> female ticks is compatible with non-hematophagous behavior and an alternative source of food. <i>Insect Biochemistry and Molecular Biology</i> , 2012, 42, 332-342.	1.2	52
31	Ixolaris binding to factor X reveals a precursor state of factor Xa heparin-binding exosite. <i>Protein Science</i> , 2007, 17, 146-153.	3.1	42
32	Dipetalodipin, a Novel Multifunctional Salivary Lipocalin That Inhibits Platelet Aggregation, Vasoconstriction, and Angiogenesis through Unique Binding Specificity for TXA ₂ , PGF ₂ ±, and 15(S)-HETE. <i>Journal of Biological Chemistry</i> , 2010, 285, 39001-39012.	1.6	40
33	The "Vampirome" Transcriptome and proteome analysis of the principal and accessory submaxillary glands of the vampire bat <i>Desmodus rotundus</i> , a vector of human rabies. <i>Journal of Proteomics</i> , 2013, 82, 288-319.	1.2	40
34	An insight into the sialome of <i>Hyalomma excavatum</i> . <i>Ticks and Tick-borne Diseases</i> , 2017, 8, 201-207.	1.1	39
35	Novel Family of Insect Salivary Inhibitors Blocks Contact Pathway Activation by Binding to Polyphosphate, Heparin, and Dextran Sulfate. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2759-2770.	1.1	36
36	Phosphatidylinositol 3-kinase and tyrosine-phosphatase activation positively modulate Convulxin-induced platelet activation. Comparison with collagen. <i>FEBS Letters</i> , 1999, 448, 95-100.	1.3	32

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37	An insight into the sialotranscriptome of the seed-feeding bug, <i>Oncopeltus fasciatus</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 903-910.	1.2	29
38	Defibrotide Interferes With Several Steps of the Coagulation-Inflammation Cycle and Exhibits Therapeutic Potential to Treat Severe Malaria. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 786-798.	1.1	29
39	Intraspecific variation in the venoms of the South American rattlesnake (<i>Crotalus durissus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tt 2000, 127, 23-36.	0.5	28
40	Inhibition of tissue factor by ixolaris reduces primary tumor growth and experimental metastasis in a murine model of melanoma. <i>Thrombosis Research</i> , 2012, 130, e163-e170.	0.8	28
41	Convulxin Induces Platelet Activation by a Tyrosine-Kinase-Dependent Pathway and Stimulates Tyrosine Phosphorylation of Platelet Proteins, Including PLC β 2, Independently of Integrin α IIb β 3. <i>Archives of Biochemistry and Biophysics</i> , 1998, 353, 239-250.	1.4	26
42	Triplatin, a platelet aggregation inhibitor from the salivary gland of the triatomine vector of Chagas disease, binds to TXA2 but does not interact with glycoprotein PVI. <i>Thrombosis and Haemostasis</i> , 2012, 107, 111-123.	1.8	21
43	Aegyptin inhibits collagen-induced coagulation activation in vitro and thromboembolism in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2013, 436, 235-239.	1.0	14
44	Purification of a serine protease and evidence for a protein C activator from the saliva of the tick, <i>Ixodes scapularis</i> . <i>Toxicon</i> , 2014, 77, 32-39.	0.8	12
45	cAMP Does Not Inhibit Convulxin-Induced Tyrosyl-Phosphorylation of Human Platelet Proteins, Including PLC β 2, But Completely Blocks the Integrin α IIb β 3-Dependent Dephosphorylation Step: Comparisons with RGDS Peptide, Cytochalasin D, and Phenylarsine Oxide. <i>Archives of Biochemistry and Biophysics</i> , 1998, 354, 255-262.	1.4	10
46	^{99m} Tc-ixolaris targets glioblastoma-associated tissue factor: In vitro and pre-clinical applications. <i>Thrombosis Research</i> , 2015, 136, 432-439.	0.8	9
47	An insight into the sialome of the horse fly, <i>Tabanus bromius</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2015, 65, 83-90.	1.2	8
48	Role of the Recombinant Non-Integrin Platelet Collagen Receptor P65 on Platelet Activation Induced by Convulxin. <i>Biochemical and Biophysical Research Communications</i> , 2000, 270, 932-935.	1.0	5
49	Functional aspects of evolution in a cluster of salivary protein genes from mosquitoes. <i>Insect Biochemistry and Molecular Biology</i> , 2022, 146, 103785.	1.2	4
50	Hematophagy and Inhibition of the Extrinsic and Intrinsic Tenase Complexes. , 2010, , 219-237.		1
51	Hematophagy and Inhibition of Platelet Aggregation. , 2010, , 331-357.		1
52	Salivary Protease Inhibitors with Non Anti-Hemostatic Functions. , 2010, , 153-164.		0