

Jindřich Chmela

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,634
citations

516710

16
h-index

434195

31
g-index

34
all docs

34
docs citations

34
times ranked

1907
citing authors

#	ARTICLE	IF	CITATIONS
1	The leukocyte integrin antagonist Del-1 inhibits IL-17-mediated inflammatory bone loss. <i>Nature Immunology</i> , 2012, 13, 465-473.	14.5	369
2	Modulation of host immunity by tick saliva. <i>Journal of Proteomics</i> , 2015, 128, 58-68.	2.4	196
3	Sialomes and Mialomes: A Systems-Biology View of Tick Tissues and Tick-Host Interactions. <i>Trends in Parasitology</i> , 2016, 32, 242-254.	3.3	123
4	A tick salivary protein targets cathepsin G and chymase and inhibits host inflammation and platelet aggregation. <i>Blood</i> , 2011, 117, 736-744.	1.4	122
5	Tick salivary secretion as a source of antihemostatics. <i>Journal of Proteomics</i> , 2012, 75, 3842-3854.	2.4	104
6	All For One and One For All on the Tick-Host Battlefield. <i>Trends in Parasitology</i> , 2016, 32, 368-377.	3.3	88
7	Protease Inhibitors in Tick Saliva: The Role of Serpins and Cystatins in Tick-host-Pathogen Interaction. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 216.	3.9	81
8	Insight into the sialome of the castor bean tick, <i>Ixodes ricinus</i> . <i>BMC Genomics</i> , 2008, 9, 233.	2.8	77
9	The role of innate immune cells in obese adipose tissue inflammation and development of insulin resistance. <i>Thrombosis and Haemostasis</i> , 2013, 109, 399-406.	3.4	77
10	<i>Ixodes ricinus</i> Salivary Serpin IRS-2 Affects Th17 Differentiation via Inhibition of the Interleukin-6/STAT-3 Signaling Pathway. <i>Infection and Immunity</i> , 2015, 83, 1949-1956.	2.2	42
11	The Use of Tick Salivary Proteins as Novel Therapeutics. <i>Frontiers in Physiology</i> , 2019, 10, 812.	2.8	41
12	The structure and function of Iristatin, a novel immunosuppressive tick salivary cystatin. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2003-2013.	5.4	33
13	No Role for Mast Cells in Obesity-Related Metabolic Dysregulation. <i>Frontiers in Immunology</i> , 2016, 7, 524.	4.8	31
14	Salivary Prostaglandin E2: Role in Tick-Induced Allergy to Red Meat. <i>Trends in Parasitology</i> , 2017, 33, 495-498.	3.3	27
15	Saliva of <i>Ixodes ricinus</i> enhances TBE virus replication in dendritic cells by modulation of pro-survival Akt pathway. <i>Virology</i> , 2018, 514, 98-105.	2.4	20
16	Small protease inhibitors in tick saliva and salivary glands and their role in tick-host-pathogen interactions. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020, 1868, 140336.	2.3	20
17	Innate immunity based cancer immunotherapy: B16-F10 murine melanoma model. <i>BMC Cancer</i> , 2016, 16, 940.	2.6	18
18	Effective cancer immunotherapy based on combination of TLR agonists with stimulation of phagocytosis. <i>International Immunopharmacology</i> , 2018, 59, 86-96.	3.8	18

#	ARTICLE	IF	CITATIONS
19	Tick salivary gland transcriptomics and proteomics. <i>Parasite Immunology</i> , 2021, 43, e12807.	1.5	17
20	Iripin-3, a New Salivary Protein Isolated From <i>Ixodes ricinus</i> Ticks, Displays Immunomodulatory and Anti-Hemostatic Properties In Vitro. <i>Frontiers in Immunology</i> , 2021, 12, 626200.	4.8	16
21	Efficacy of Gamma Interferon and Specific Antibody for Treatment of Microsporidiosis Caused by <i>Encephalitozoon cuniculi</i> in SCID Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 2169-2174.	3.2	14
22	Crystallization and diffraction analysis of the serpin IRS-2 from the hard tick <i>Ixodes ricinus</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 1453-1457.	0.7	13
23	Insights into the Role of Tick Salivary Protease Inhibitors during Ectoparasite-Host Crosstalk. <i>International Journal of Molecular Sciences</i> , 2021, 22, 892.	4.1	13
24	<i>Ixodes ricinus</i> Salivary Serpin Iripin-8 Inhibits the Intrinsic Pathway of Coagulation and Complement. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9480.	4.1	13
25	Serpins in Tick Physiology and Tick-Host Interaction. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, .	3.9	13
26	Coley's immunotherapy revived: Innate immunity as a link in priming cancer cells for an attack by adaptive immunity. <i>Seminars in Oncology</i> , 2019, 46, 385-392.	2.2	11
27	Mialostatin, a Novel Midgut Cystatin from <i>Ixodes ricinus</i> Ticks: Crystal Structure and Regulation of Host Blood Digestion. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5371.	4.1	10
28	Structural and biochemical characterization of the novel serpin Iripin-5 from <i>Ixodes ricinus</i> . <i>Acta Crystallographica Section D: Structural Biology</i> , 2021, 77, 1183-1196.	2.3	8
29	Robo4-mediated pancreatic endothelial integrity decreases inflammation and islet destruction in autoimmune diabetes. <i>FASEB Journal</i> , 2020, 34, 3336-3346.	0.5	7
30	Identification of Immune Cell Infiltration in Murine Pheochromocytoma during Combined Mannan-BAM, TLR Ligand, and Anti-CD40 Antibody-Based Immunotherapy. <i>Cancers</i> , 2021, 13, 3942.	3.7	7
31	Mannan-BAM, TLR ligands, and anti-CD40 immunotherapy in established murine pancreatic adenocarcinoma: understanding therapeutic potentials and limitations. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 3303-3312.	4.2	5
32	Systemic Immune Response in Murine Bilateral Pheochromocytoma Model During Immunotherapy Based on a Combination of Mannan-BAM, TLR Ligands and Anti-CD40 Antibodies (MBTA Therapy). <i>Journal of the Endocrine Society</i> , 2021, 5, A1032-A1033.	0.2	0
33	Addendum: Kotl et al. <i>Ixodes ricinus</i> Salivary Serpin Iripin-8 Inhibits the Intrinsic Pathway of Coagulation and Complement. <i>Int. J. Mol. Sci.</i> 2021, 22, 9480. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11271.	4.1	0
34	Salivary Protease Inhibitors with Non Anti-Hemostatic Functions. , 2010, , 153-164.		0