JindÅich ChmelaÅ

List of Publications by Year
in descending order

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	Serpins in Tick Physiology and Tick-Host Interaction. Frontiers in Cellular and Infection Microbiology, 2022, 12, .	3.9	13
2	Tick salivary gland transcriptomics and proteomics. Parasite Immunology, 2021, 43, e12807.	1.5	17
3	Insights into the Role of Tick Salivary Protease Inhibitors during Ectoparasiteâ€“Host Crosstalk. International Journal of Molecular Sciences, 2021, 22, 892.	4.1	13
4	Iripin-3, a New Salivary Protein Isolated From Ixodes ricinus Ticks, Displays Immunomodulatory and Anti-Hemostatic Properties In Vitro. Frontiers in Immunology, 2021, 12, 626200.	4.8	16
5	Mannan-BAM, TLR ligands, and anti-CD40 immunotherapy in established murine pancreatic adenocarcinoma: understanding therapeutic potentials and limitations. Cancer Immunology, Immunotherapy, 2021, 70, 3303-3312.	4.2	5
6	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). Journal of the Endocrine Society, 2021, 5, A1032-A1033.	0.2	0
7	Mialostatin, a Novel Midgut Cystatin from Ixodes ricinus Ticks: Crystal Structure and Regulation of Host Blood Digestion. International Journal of Molecular Sciences, 2021, 22, 5371.	4.1	10
8	Structural and biochemical characterization of the novel serpin Iripin-5 from Ixodes ricinus. Acta Crystallographica Section D: Structural Biology, 2021, 77, 1183-1196.	2.3	8
9	Identification of Immune Cell Infiltration in Murine Pheochromocytoma during Combined Mannan-BAM, TLR Ligand, and Anti-CD40 Antibody-Based Immunotherapy. Cancers, 2021, 13, 3942.	3.7	7
10	Ixodes ricinus Salivary Serpin Iripin-8 Inhibits the Intrinsic Pathway of Coagulation and Complement. International Journal of Molecular Sciences, 2021, 22, 9480.	4.1	13
11	Addendum: KotÃ¡l et al. Ixodes ricinus Salivary Serpin Iripin-8 Inhibits the Intrinsic Pathway of Coagulation and Complement. Int. J. Mol. Sci. 2021, 22, 9480. International Journal of Molecular Sciences, 2021, 22, 11271.	4.1	0
12	Robo4â€mediated pancreatic endothelial integrity decreases inflammation and islet destruction in autoimmune diabetes. FASEB Journal, 2020, 34, 3336-3346.	0.5	7
13	Small protease inhibitors in tick saliva and salivary glands and their role in tick-host-pathogen interactions. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2020, 1868, 140336.	2.3	20
14	Coley's immunotherapy revived: Innate immunity as a link in priming cancer cells for an attack by adaptive immunity. Seminars in Oncology, 2019, 46, 385-392.	2.2	11
15	The Use of Tick Salivary Proteins as Novel Therapeutics. Frontiers in Physiology, 2019, 10, 812.	2.8	41
16	The structure and function of Iristatin, a novel immunosuppressive tick salivary cystatin. Cellular and Molecular Life Sciences, 2019, 76, 2003-2013.	5.4	33
17	Effective cancer immunotherapy based on combination of TLR agonists with stimulation of phagocytosis. International Immunopharmacology, 2018, 59, 86-96.	3.8	18
18	Saliva of Ixodes ricinus enhances TBE virus replication in dendritic cells by modulation of pro-survival Akt pathway. Virology, 2018, 514, 98-105.	2.4	20

#	Article	IF	Citations
19	Salivary Prostaglandin E2: Role in Tick-Induced Allergy to Red Meat. Trends in Parasitology, 2017, 33, 495-498.	3.3	27
20	Protease Inhibitors in Tick Saliva: The Role of Serpins and Cystatins in Tick-host-Pathogen Interaction. Frontiers in Cellular and Infection Microbiology, 2017, 7, 216.	3.9	81
21	No Role for Mast Cells in Obesity-Related Metabolic Dysregulation. Frontiers in Immunology, 2016, 7, 524.	4.8	31
22	Innate immunity based cancer immunotherapy: B16-F10 murine melanoma model. BMC Cancer, 2016, 16, 940.	2.6	18
23	All For One and One For All on the Tickâ€“Host Battlefield. Trends in Parasitology, 2016, 32, 368-377.	3.3	88
24	Sialomes and Mialomes: A Systems-Biology View of Tick Tissues and Tickâ€“Host Interactions. Trends in Parasitology, 2016, 32, 242-254.	3.3	123
25	Ixodes ricinus Salivary Serpin IRS-2 Affects Th17 Differentiation via Inhibition of the Interleukin-6/STAT-3 Signaling Pathway. Infection and Immunity, 2015, 83, 1949-1956.	2.2	42
26	Modulation of host immunity by tick saliva. Journal of Proteomics, 2015, 128, 58-68.	2.4	196
27	The role of innate immune cells in obese adipose tissue inflammation and development of insulin resistance. Thrombosis and Haemostasis, 2013, 109, 399-406.	3.4	77
28	Tick salivary secretion as a source of antihemostatics. Journal of Proteomics, 2012, 75, 3842-3854.	2.4	104
29	The leukocyte integrin antagonist Del-1 inhibits IL-17-mediated inflammatory bone loss. Nature Immunology, 2012, 13, 465-473.	14.5	369
30	A tick salivary protein targets cathepsin G and chymase and inhibits host inflammation and platelet aggregation. Blood, 2011, 117, 736-744.	1.4	122
31	Crystallization and diffraction analysis of the serpin IRS-2 from the hard tickIxodes ricinus. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1453-1457.	0.7	13
32	Salivary Protease Inhibitors with Non Anti-Hemostatic Functions. , 2010, , 153-164.		0
33	Insight into the sialome of the castor bean tick, Ixodes ricinus. BMC Genomics, 2008, 9, 233.	2.8	77
34	Efficacy of Gamma Interferon and Specific Antibody for Treatment of Microsporidiosis Caused byEncephalitozoon cuniculiin SCID Mice. Antimicrobial Agents and Chemotherapy, 2008, 52, 2169-2174.	3.2	14