# Daniel Sojka

List of Publications by Year
in descending order



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|---|---|---|---|
| 31 papers | 1,766 citations | 331670 21 h-index | 454955 30 g-index |
| 35 all docs | 35 docs citations | 35 times ranked | 1824 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Comparison of the hemolysis machinery in two evolutionarily distant blood-feeding arthropod vectors of human diseases. PLoS Neglected Tropical Diseases, 2021, 15, e0009151. | 3.0 | 2 |
| 2 | Protease Inhibitionâ€"An Established Strategy to Combat Infectious Diseases. International Journal of Molecular Sciences, 2021, 22, 5762. | 4.1 | 12 |
| 3 | 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 |
| 4 | Haem-responsive gene transporter enables mobilization of host haem in ticks. Open Biology, 2021, 11, 210048. | 3.6 | 6 |
| 5 | Plasmepsin-Like Aspartyl Proteases in Babesia. Pathogens, 2021, 10, 1241. | 2.8 | 8 |
| 6 | Design, synthesis, and inÂvitro evaluation of aza-peptide aldehydes and ketones as novel and selective protease inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 1387-1402. | 5.2 | 6 |
| 7 | Babesia Life Cycle â€" When Phylogeny Meets Biology. Trends in Parasitology, 2019, 35, 356-368. | 3.3 | 114 |
| 8 | Novel Structural Mechanism of Allosteric Regulation of Aspartic Peptidases via an Evolutionarily Conserved Exosite. Cell Chemical Biology, 2018, 25, 318-329.e4. | 5.2 | 14 |
| 9 | Multiple legumain isoenzymes in ticks. International Journal for Parasitology, 2018, 48, 167-178. | 3.1 | 15 |
| 10 | Validation of Babesia proteasome as a drug target. International Journal for Parasitology: Drugs and Drug Resistance, 2018, 8, 394-402. | 3.4 | 13 |
| 11 | The Complexity of Piroplasms Life Cycles. Frontiers in Cellular and Infection Microbiology, 2018, 8, 248. | 3.9 | 96 |
| 12 | Parasite Cathepsin D-Like Peptidases and Their Relevance as Therapeutic Targets. Trends in Parasitology, 2016, 32, 708-723. | 3.3 | 25 |
| 13 | Multienzyme degradation of host serum albumin in ticks. Ticks and Tick-borne Diseases, 2016, 7, 604-613. | 2.7 | 34 |
| 14 | Acquisition of exogenous haem is essential for tick reproduction. ELife, 2016, 5, . | 6.0 | 78 |
| 15 | Tick Blood Digestion. , 2016, , 2687-2690. | | 0 |
| 16 | Fundamental Roles of the Golgi-Associated Toxoplasma Aspartyl Protease, ASP5, at the Host-Parasite Interface. PLoS Pathogens, 2015, 11, e1005211. | 4.7 | 108 |
| 17 | New insights into the machinery of blood digestion by ticks. Trends in Parasitology, 2013, 29, 276-285. | 3.3 | 171 |
| 18 | Characterization of Gut-associated Cathepsin D Hemoglobinase from Tick Ixodes ricinus (IrCD1). Journal of Biological Chemistry, 2012, 287, 21152-21163. | 3.4 | 36 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | IrCL1 â€“ The haemoglobinolytic cathepsin L of the hard tick, Ixodes ricinus. International Journal for Parasitology, 2011, 41, 1253-1262. | 3.1 | 40 |
| 20 | Cysteine Proteases from Bloodfeeding Arthropod Ectoparasites. Advances in Experimental Medicine and Biology, 2011, 712, 177-191. | 1.6 | 30 |
| 21 | RNA Interference in Schistosoma mansoni Schistosomula: Selectivity, Sensitivity and Operation for Larger-Scale Screening. PLoS Neglected Tropical Diseases, 2010, 4, e850. | 3.0 | 107 |
| 22 | Dynamics of digestive proteolytic system during blood feeding of the hard tick Ixodes ricinus. Parasites and Vectors, 2010, 3, 119. | 2.5 | 88 |
| 23 | Knockdown of proteins involved in iron metabolism limits tick reproduction and development. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1033-1038. | 7.1 | 161 |
| 24 | Hemoglobin Digestion in Blood-Feeding Ticks: Mapping a Multipeptidase Pathway by Functional Proteomics. Chemistry and Biology, 2009, 16, 1053-1063. | 6.0 | 156 |
| 25 | IrAMâ€”An Î±2-macroglobulin from the hard tick Ixodes ricinus: Characterization and function in phagocytosis of a potential pathogen Chryseobacterium indologenes. Developmental and Comparative Immunology, 2009, 33, 489-498. | 2.3 | 79 |
| 26 | Aza-Peptidyl Michael Acceptor and Epoxide Inhibitorsâ€”Potent and Selective Inhibitors of Schistosoma mansoni and Ixodes ricinus Legumains (Asparaginyl Endopeptidases). Journal of Medicinal Chemistry, 2009, 52, 7192-7210. | 6.4 | 33 |
| 27 | Profiling of proteolytic enzymes in the gut of the tick Ixodes ricinus reveals an evolutionarily conserved network of aspartic and cysteine peptidases. Parasites and Vectors, 2008, 1, 7. | 2.5 | 71 |
| 28 | Aza-peptidyl Michael Acceptors. A New Class of Potent and Selective Inhibitors of Asparaginyl Endopeptidases (Legumains) from Evolutionarily Diverse Pathogens. Journal of Medicinal Chemistry, 2008, 51, 2816-2832. | 6.4 | 42 |
| 29 | IrAE â€“ An asparaginyl endopeptidase (legumain) in the gut of the hard tick Ixodes ricinus. International Journal for Parasitology, 2007, 37, 713-724. | 3.1 | 79 |
| 30 | Two secreted cystatins of the soft tick Ornithodoros moubata: differential expression pattern and inhibitory specificity. Biological Chemistry, 2006, 387, 1635-44. | 2.5 | 64 |
| 31 | Molecular cloning, structure and bait region splice variants of Î±2-macroglobulin from the soft tick Ornithodoros moubata. Insect Biochemistry and Molecular Biology, 2003, 33, 841-851. | 2.7 | 60 |