

# Pavel Dobeš

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

572  
citations

840776

11  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

632  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathogen Entrapment by Transglutaminaseâ€”A Conserved Early Innate Immune Mechanism. PLoS Pathogens, 2010, 6, e1000763.	4.7	169
2	Genome-Wide Transcriptional Analysis of <i>Drosophila</i> Larvae Infected by Entomopathogenic Nematodes Shows Involvement of Complement, Recognition and Extracellular Matrix Proteins. Journal of Innate Immunity, 2014, 6, 192-204.	3.8	102
3	Clotting Factors and Eicosanoids Protect against Nematode Infections. Journal of Innate Immunity, 2011, 3, 65-70.	3.8	71
4	Rank-based biomarker index to assess cadmium ecotoxicity on the earthworm <i>Eisenia andrei</i> . Chemosphere, 2016, 145, 480-486.	8.2	41
5	The Year of the Honey Bee ( <i>Apis mellifera</i> L.) with Respect to Its Physiology and Immunity: A Search for Biochemical Markers of Longevity. Insects, 2019, 10, 244.	2.2	30
6	Adipokinetic hormone and adenosine interfere with nematobacterial infection and locomotion in <i>Drosophila melanogaster</i> . Journal of Insect Physiology, 2018, 107, 167-174.	2.0	25
7	An improved method for nematode infection assays in <i>Drosophila</i> larvae. Fly, 2012, 6, 75-79.	1.7	23
8	Bioluminescent assay for evaluating antimicrobial activity in insect haemolymph. European Journal of Entomology, 2014, 111, 335-340.	1.2	20
9	A Novel Fucose-binding Lectin from <i>Photorhabdus luminescens</i> (PLL) with an Unusual Heptabladed Î²-Propeller Tetrameric Structure. Journal of Biological Chemistry, 2016, 291, 25032-25049.	3.4	18
10	Characterization of novel bangle lectin from <i>Photorhabdus asymbiotica</i> with dual sugar-binding specificity and its effect on host immunity. PLoS Pathogens, 2017, 13, e1006564.	4.7	18
11	Bioactive Excreted/Secreted Products of Entomopathogenic Nematode <i>Heterorhabditis bacteriophora</i> Inhibit the Phenoloxidase Activity during the Infection. Insects, 2020, 11, 353.	2.2	13
12	Puncture vs. reflex bleeding: Haemolymph composition reveals significant differences among ladybird species (Coleoptera: Coccinellidae), but not between sampling methods. European Journal of Entomology, 0, 115, 1-6.	1.2	13
13	Ontogeny of protein concentration, haemocyte concentration and antimicrobial activity against <i>Escherichia coli</i> in haemolymph of the invasive harlequin ladybird <i>Harmonia axyridis</i> (Coleoptera: Coccinellidae). Physiological Entomology, 2018, 43, 51-59.	1.5	9
14	Changes in haemolymph parameters and insect ability to respond to immune challenge during overwintering. Ecology and Evolution, 2021, 11, 4267-4275.	1.9	6
15	Winter honeybee ( <i>Apis mellifera</i> ) populations show greater potential to induce immune response than summer ones after immune stimuli. Journal of Experimental Biology, 2020, 224, .	1.7	5
16	Heptabladed Î²-propeller lectins PLL2 and PHL from <i>Photorhabdus</i> spp. recognize O-methylated sugars and influence the host immune system. FEBS Journal, 2021, 288, 1343-1365.	4.7	5
17	1H NMR Profiling of Honey Bee Bodies Revealed Metabolic Differences between Summer and Winter Bees. Insects, 2022, 13, 193.	2.2	3
18	The Effect of Foraging on Bumble Bees, <i>Bombus terrestris</i> , Reared under Laboratory Conditions. Insects, 2020, 11, 321.	2.2	1