

# Petr L Jedelsky

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

1,131  
citations

471509

17  
h-index

642732

23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1714  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Physiology and Proteomics of Drought Tolerance in Maize: Early Stomatal Closure as a Cause of Lower Tolerance to Short-Term Dehydration?. PLoS ONE, 2012, 7, e38017.	2.5	198
2	The Minimal Proteome in the Reduced Mitochondrion of the Parasitic Protist Giardia intestinalis. PLoS ONE, 2011, 6, e17285.	2.5	122
3	Cytokinin modulates proteomic, transcriptomic and growth responses to temperature shocks in Arabidopsis thaliana. Plant, Cell and Environment, 2014, 37, 1641-1655.	5.7	88
4	The impact of heat stress targeting on the hormonal and transcriptomic response in Arabidopsis. Plant Science, 2015, 231, 52-61.	3.6	71
5	The Core Components of Organelle Biogenesis and Membrane Transport in the Hydrogenosomes of Trichomonas vaginalis. PLoS ONE, 2011, 6, e24428.	2.5	69
6	Stimulation of IPT overexpression as a tool to elucidate the role of cytokinins in high temperature responses of Arabidopsis thaliana. Journal of Experimental Botany, 2016, 67, 2861-2873.	4.8	66
7	Iron-Induced Changes in the Proteome of Trichomonas vaginalis Hydrogenosomes. PLoS ONE, 2013, 8, e65148.	2.5	64
8	Proteome and metabolome profiling of cytokinin action in Arabidopsis identifying both distinct and similar responses to cytokinin down- and up-regulation. Journal of Experimental Botany, 2013, 64, 4193-4206.	4.8	58
9	Species-specific Expression of Major Urinary Proteins in the House Mice (Mus musculus musculus and Mus musculus musculus). Journal of Proteomics, 2017, 10, 1078-1091.	1.8	55
10	Three metallothionein isoforms and sequestration of intracellular silver in the hyperaccumulator Amanita strobiliformis. New Phytologist, 2011, 190, 916-926.	7.3	53
11	Cytoskeleton-Associated Large RNP Complexes in Tobacco Male Gametophyte (EPPs) Are Associated with Ribosomes and Are Involved in Protein Synthesis, Processing, and Localization. Journal of Proteome Research, 2009, 8, 2015-2031.	3.7	46
12	Proteomic and transcriptomic analysis of heart failure due to volume overload in a rat aorto-caval fistula model provides support for new potential therapeutic targets - monoamine oxidase A and transglutaminase 2. Proteome Science, 2011, 9, 69.	1.7	39
13	Arabidopsis proteome responses to the smoke-derived growth regulator karrikin. Journal of Proteomics, 2015, 120, 7-20.	2.4	34
14	The functional expression and characterisation of a cysteine peptidase from the invasive stage of the neuropathogenic schistosome Trichobilharzia regenti. International Journal for Parasitology, 2009, 39, 201-211.	3.1	30
15	The disadvantages of being a hybrid during drought: A combined analysis of plant morphology, physiology and leaf proteome in maize. PLoS ONE, 2017, 12, e0176121.	2.5	26
16	Global Changes in the Rat Heart Proteome Induced by Prolonged Morphine Treatment and Withdrawal. PLoS ONE, 2012, 7, e47167.	2.5	21
17	A qualitative investigation of major urinary proteins in relation to the onset of aggressive behavior and dispersive motivation in male wild house mice (Mus musculus domesticus). Journal of Ethology, 2008, 26, 127-135.	0.8	19
18	Searching for Major Urinary Proteins (MUPs) as Chemosignals in Urine of Subterranean Rodents. Journal of Chemical Ecology, 2011, 37, 687-694.	1.8	19

#	ARTICLE	IF	CITATIONS
19	Two-dimensional proteomic analysis of honeybee, <i>Apis mellifera</i> , winter worker hemolymph. <i>Apidologie</i> , 2013, 44, 404-418.	2.0	17
20	Two-dimensional gel proteome analysis of honeybee, <i>Apis mellifera</i> , worker red-eye pupa hemolymph. <i>Apidologie</i> , 2014, 45, 53-72.	2.0	15
21	Protein alterations induced by long-term agonist treatment of HEK293 cells expressing thyrotropin-releasing hormone receptor and G <sub>11</sub> protein. <i>Journal of Cellular Biochemistry</i> , 2010, 109, 255-264.	2.6	11
22	Electrophoretic Mobility of Cardiac Myosin Heavy Chain Isoforms Revisited: Application of MALDI TOF/TOF Analysis. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-9.	3.0	8
23	Novel human multiple myeloma cell line UHKT-893. <i>Leukemia Research</i> , 2013, 37, 320-326.	0.8	2
24	Characterization of a new human plasma cell leukemia cell line UHKT-944. <i>European Journal of Haematology</i> , 2015, 95, 352-360.	2.2	0
25	Spectrophotometric determination of ligand-protein ratio in B2M-DTPA monoclonal conjugates based on yttrium-methylthymol blue complex. <i>Monatshefte für Chemie</i> , 2018, 149, 1653-1657.	1.8	0