

# Inna S Povolotskaya

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/775817/publications.pdf>

Version: 2024-02-01

15  
papers

1,543  
citations

759233

12  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

2675  
citing authors

#	ARTICLE	IF	CITATIONS
1	The ctenophore genome and the evolutionary origins of neural systems. <i>Nature</i> , 2014, 510, 109-114.	27.8	606
2	Ancient genomic changes associated with domestication of the horse. <i>Science</i> , 2017, 356, 442-445.	12.6	185
3	Sequence space and the ongoing expansion of the protein universe. <i>Nature</i> , 2010, 465, 922-926.	27.8	184
4	Genetically encodable bioluminescent system from fungi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12728-12732.	7.1	130
5	Natural Variation in Abiotic Stress Responsive Gene Expression and Local Adaptation to Climate in <i>Arabidopsis thaliana</i> . <i>Molecular Biology and Evolution</i> , 2014, 31, 2283-2296.	8.9	125
6	The landscape of somatic mutation in cerebral cortex of autistic and neurotypical individuals revealed by ultra-deep whole-genome sequencing. <i>Nature Neuroscience</i> , 2021, 24, 176-185.	14.8	73
7	An experimental assay of the interactions of amino acids from orthologous sequences shaping a complex fitness landscape. <i>PLoS Genetics</i> , 2019, 15, e1008079.	3.5	71
8	Stop codons in bacteria are not selectively equivalent. <i>Biology Direct</i> , 2012, 7, 30.	4.6	34
9	A Model of Substitution Trajectories in Sequence Space and Long-Term Protein Evolution. <i>Molecular Biology and Evolution</i> , 2015, 32, 542-554.	8.9	30
10	Mutations of the Transcriptional Corepressor ZMYM2 Cause Syndromic Urinary Tract Malformations. <i>American Journal of Human Genetics</i> , 2020, 107, 727-742.	6.2	25
11	Similar genomic proportions of copy number variation within gray wolves and modern dog breeds inferred from whole genome sequencing. <i>BMC Genomics</i> , 2017, 18, 977.	2.8	24
12	Machine learning reveals bilateral distribution of somatic L1 insertions in human neurons and glia. <i>Nature Neuroscience</i> , 2021, 24, 186-196.	14.8	22
13	Rate of sequence divergence under constant selection. <i>Biology Direct</i> , 2010, 5, 5.	4.6	12
14	Copy number variation underlies complex phenotypes in domestic dog breeds and other canids. <i>Genome Research</i> , 2021, 31, 762-774.	5.5	12
15	Copy number variants and fixed duplications among 198 rhesus macaques ( <i>Macaca mulatta</i> ). <i>PLoS Genetics</i> , 2020, 16, e1008742.	3.5	10