Juraj Krajcovic

List of Publications by Year
in descending order

46	864	516561 16	501076 28
papers	citations	h-index	g-index

48	48	48	1142
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antioxidative and antimutagenic activity of yeast cell wall mannans in vitro. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2001, 497, 213-222.	0.9	96
2	Reductive evolution of chloroplasts in non-photosynthetic plants, algae and protists. Current Genetics, 2018, 64, 365-387.	0.8	81
3	Antioxidant and antimutagenic activity of -(2-carboxyethyl)chitosan. Toxicology and Applied Pharmacology, 2004, 201, 303-310.	1.3	74
4	Variability of Wax Ester Fermentation in Natural and Bleached Euglena gracilis Strains in Response to Oxygen and the Elongase Inhibitor Flufenacet. Journal of Eukaryotic Microbiology, 2010, 57, 63-69.	0.8	58
5	Euglenoid flagellates: A multifaceted biotechnology platform. Journal of Biotechnology, 2015, 202, 135-145.	1.9	56
6	Antioxidant and antimutagenic activity of mannan neoglycoconjugates: Mannanâ€“human serum albumine and mannanâ€“penicillin G acylase. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2006, 606, 72-79.	0.9	40
7	Peculiar features of the plastids of the colourless alga Euglena longa and photosynthetic euglenophytes unveiled by transcriptome analyses. Scientific Reports, 2018, 8, 17012.	1.6	35
8	Antimutagenic Activity and Radical Scavenging Activity of Water Infusions and Phenolics from Ligustrum Plants Leaves. Molecules, 2009, 14, 509-518.	1.7	34
9	Fungal beta-(1-3)-D-glucan derivatives exhibit high antioxidative and antimutagenic activity in vitro. Anticancer Research, 2003, 23, 2751-6.	0.5	33
10	Antimutagens reduce ofloxacin-induced bleaching in Euglena gracilis. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1996, 359, 85-93.	0.4	27
11	A Possible Role for Short Introns in the Acquisition of Stroma-Targeting Peptides in the Flagellate Euglena gracilis. DNA Research, 2010, 17, 223-231.	1.5	26
12	Expression of Nucleusâ€Encoded Genes for Chloroplast Proteins in the Flagellate Euglena gracilis. Journal of Eukaryotic Microbiology, 2009, 56, 159-166.	0.8	23
13	A small portion of plastid transcripts is polyadenylated in the flagellate Euglena gracilis. FEBS Letters, 2014, 588, 783-788.	1.3	23
14	On the Possibility of an Early Evolutionary Origin for the Spliced Leader Trans-Splicing. Journal of Molecular Evolution, 2017, 85, 37-45.	0.8	21
15	Antimutagenic in vitro activity of plant polyphenols: Pycnogenol^{Â®} and Ginkgo biloba extract (EGb 761). Phytotherapy Research, 2008, 22, 384-388.	2.8	19
16	Transcriptome analysis of the Euglena gracilis plastid chromosome. Current Genetics, 2009, 55, 425-438.	0.8	18
17	The falsifiability of the models for the origin of eukaryotes. Current Genetics, 2011, 57, 367-390.	0.8	18
18	An intact plastid genome is essential for the survival of colorless Euglena longa but not Euglena gracilis. Current Genetics, 2017, 63, 331-341.	0.8	17

#	Article	IF	Citations
19	Molecular identification and diversity of enterococci isolated from Slovak Bryndza cheese. Journal of General and Applied Microbiology, 2006, 52, 329-337.	0.4	16
20	Comparative molecular cell biology of phototrophic euglenids and parasitic trypanosomatids sheds light on the ancestor of Euglenozoa. Biological Reviews, 2019, 94, 1701-1721.	4.7	14
21	The Cryptic Plastid of Euglena longa Defines a New Type of Nonphotosynthetic Plastid Organelle. MSphere, 2020, 5, .	1.3	14
22	Selective forces for the origin of spliceosomes. Journal of Molecular Evolution, 2012, 74, 226-231.	0.8	12
23	Characterization of oxidative phosphorylation enzymes in Euglena gracilis and its white mutant strain W_{gm}ZOflL. FEBS Letters, 2015, 589, 687-694.	1.3	12
24	Origin of eukaryotes as a symbiosis of parasitic Î±-proteobacteria in the periplasm of two-membrane-bounded sexual prekaryotes. Communicative and Integrative Biology, 2008, 1, 104-113.	0.6	11
25	Nucleusâ€encoded <scp>mRNA</scp>s for Chloroplast Proteins <scp>GapA</scp>,<scp> PetA</scp>, and <scp>PsbO</scp> are Transâ€spliced in the Flagellate Euglena gracilis Irrespective of Light and Plastid Function. Journal of Eukaryotic Microbiology, 2012, 59, 651-653.	0.8	11
26	TIE1 as a Candidate Gene for Lymphatic Malformations with or without Lymphedema. International Journal of Molecular Sciences, 2020, 21, 6780.	1.8	11
27	Tetracycline reduces fluoroquinolones-induced bleaching of Euglena gracilis. Mutation Research - Reviews in Genetic Toxicology, 1996, 340, 141-149.	3.0	8
28	Anti-u.v. activity of lignin biopolymers on Euglena gracilis. World Journal of Microbiology and Biotechnology, 2000, 16, 91-93.	1.7	5
29	Reversion of Endosymbiosis?. , 2001, , 185-206.		5
30	Possible Role of the RORC Gene in Primary and Secondary Lymphedema: Review of the Literature and Genetic Study of Two Rare Causative Variants. Lymphatic Research and Biology, 2021, 19, 129-133.	0.5	5
31	Euglena gracilis can grow in the mixed culture containing Cladosporium westerdijkiae, Lysinibacillus boronitolerans and Pseudobacillus badius without the addition of vitamins B1 and B12. Journal of Biotechnology, 2022, 351, 50-59.	1.9	5
32	Segregation Analysis of Rare NRP1 and NRP2 Variants in Families with Lymphedema. Genes, 2020, 11, 1361.	1.0	4
33	Two rare PROX1 variants in patients with lymphedema. Molecular Genetics & Genomic Medicine, 2020, 8, e1424.	0.6	4
34	NOTCH1: Review of its role in lymphatic development and study of seven families with rare pathogenic variants. Molecular Genetics & Genomic Medicine, 2021, 9, e1529.	0.6	4
35	On the origin of meiosis and sex. Theoretical Biology Forum, 2007, 100, 147-61.	0.2	4
36	Different effect of hyperthermia and heat shock on the action of quinolone drugs versus some mutagens against chloroplasts of Euglena gracilis. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1990, 244, 21-25.	1.2	3

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37	Different effects of eubacterial and eukaryotic DNA topoisomerase II inhibitors on chloroplasts ofEuglena gracilis. Origins of Life and Evolution of Biospheres, 1990, 20, 177-180.	0.8	3
38	CDH5, a Possible New Candidate Gene for Genetic Testing of Lymphedema. Lymphatic Research and Biology, 2021, , .	0.5	3
39	Recessive multiple epiphyseal dysplasia and Stargardt disease in two sisters. Molecular Genetics & Genomic Medicine, 2021, 9, e1630.	0.6	2
40	On the origin of eukaryotic cytoskeleton. Theoretical Biology Forum, 2008, 101, 109-18.	0.2	2
41	Discrimination of Euglena gracilis strains Z and bacillaris by MALDI-TOF MS. Journal of Applied Microbiology, 2022, 133, 930-942.	1.4	2
42	Mutations in the ARAP3 Gene in Three Families with Primary Lymphedema Negative for Mutations in Known Lymphedema-Associated Genes. International Journal of Genomics, 2020, 2020, 1-9.	0.8	1
43	The results of multigene panel sequencing in Slovak HBOC families. Neoplasma, 2021, 68, 652-664.	0.7	1
44	Genetic Diversity of Enterococci in Bryndza Cheese. NATO Science for Peace and Security Series A: Chemistry and Biology, 2010, , 87-124.	0.5	1
45	The Origin of Eukarya as a Stress Response of Two-Membrane-Bounded Sexual Pre-karyote to an Aggressive Alphaproteobacterial Periplasmic Infection. Cellular Origin and Life in Extreme Habitats, 2010, , 63-81.	0.3	1
46	Inhibitors only eubacterial not eukaryotic DNA topoisomerase II eliminate chloroplasts from euglena gracilis. Origins of Life and Evolution of Biospheres, 1989, 19, 438-439.	0.8	0