

Alex V Kochetov

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

914
citations

471509

17
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

1344
citing authors

#	ARTICLE	IF	CITATIONS
1	Alternative translation start sites and hidden coding potential of eukaryotic mRNAs. <i>BioEssays</i> , 2008, 30, 683-691.	2.5	163
2	Alternative translation start sites are conserved in eukaryotic genomes. <i>Nucleic Acids Research</i> , 2011, 39, 567-577.	14.5	133
3	Eukaryotic mRNAs encoding abundant and scarce proteins are statistically dissimilar in many structural features. <i>FEBS Letters</i> , 1998, 440, 351-355.	2.8	97
4	The role of alternative translation start sites in the generation of human protein diversity. <i>Molecular Genetics and Genomics</i> , 2005, 273, 491-496.	2.1	61
5	uORFs, reinitiation and alternative translation start sites in human mRNAs. <i>FEBS Letters</i> , 2008, 582, 1293-1297.	2.8	57
6	AUG_hairpin: prediction of a downstream secondary structure influencing the recognition of a translation start site. <i>BMC Bioinformatics</i> , 2007, 8, 318.	2.6	46
7	AUG codons at the beginning of protein coding sequences are frequent in eukaryotic mRNAs with a suboptimal start codon context. <i>Bioinformatics</i> , 2005, 21, 837-840.	4.1	44
8	Conversion of hulled into naked barley by Cas endonuclease-mediated knockout of the NUD gene. <i>BMC Plant Biology</i> , 2020, 20, 255.	3.6	33
9	Extensive Translatome Remodeling during ER Stress Response in Mammalian Cells. <i>PLoS ONE</i> , 2012, 7, e35915.	2.5	32
10	Protection of transgenic tobacco plants expressing bovine pancreatic ribonuclease against tobacco mosaic virus. <i>Plant Cell Reports</i> , 2007, 26, 1121-1126.	5.6	28
11	Simple database to select promoters for plant transgenesis. <i>Transgenic Research</i> , 2012, 21, 429-437.	2.4	25
12	Hidden coding potential of eukaryotic genomes: nonAUG started ORFs. <i>Journal of Biomolecular Structure and Dynamics</i> , 2013, 31, 103-114.	3.5	25
13	Genetic control of anthocyanin pigmentation of potato tissues. <i>BMC Genetics</i> , 2019, 20, 27.	2.7	24
14	Interrelations between the Nucleotide Context of Human Start AUG Codon, N-end Amino Acids of the Encoded Protein and Initiation of Translation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2010, 27, 611-618.	3.5	22
15	The mTOR Signaling Pathway Activity and Vitamin D Availability Control the Expression of Most Autism Predisposition Genes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6332.	4.1	21
16	Expression of an extracellular ribonuclease gene increases resistance to Cucumber mosaic virus in tobacco. <i>BMC Plant Biology</i> , 2016, 16, 246.	3.6	20
17	Translational polymorphism as a potential source of plant proteins variety in <i>Arabidopsis thaliana</i> . <i>Bioinformatics</i> , 2004, 20, 445-447.	4.1	19
18	Differential expression of NBS-LRR-encoding genes in the root transcriptomes of two <i>Solanum phureja</i> genotypes with contrasting resistance to <i>Globodera rostochiensis</i> . <i>BMC Plant Biology</i> , 2017, 17, 251.	3.6	15

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19	On nucleotide solvent accessibility in RNA structure. <i>Gene</i> , 2010, 463, 41-48.	2.2	10
20	AltORFev facilitates the prediction of alternative open reading frames in eukaryotic mRNAs. <i>Bioinformatics</i> , 2017, 33, 923-925.	4.1	9
21	Do Autism Spectrum and Autoimmune Disorders Share Predisposition Gene Signature Due to mTOR Signaling Pathway Controlling Expression?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5248.	4.1	7
22	The mechanism of potato resistance to <i>Globodera rostochiensis</i> : comparison of root transcriptomes of resistant and susceptible <i>Solanum phureja</i> genotypes. <i>BMC Plant Biology</i> , 2020, 20, 350.	3.6	5
23	Tandem termination signal in plant mRNAs. <i>Gene</i> , 2011, 481, 1-6.	2.2	4
24	Possible link between the synthesis of GR alpha isoforms and eIF2 alpha phosphorylation state. <i>Medical Hypotheses</i> , 2012, 79, 709-712.	1.5	3
25	Choice of the Promoter for Tissue and Developmental Stage-Specific Gene Expression. <i>Methods in Molecular Biology</i> , 2020, 2124, 69-106.	0.9	3
26	Abnormal mTOR Activity in Pediatric Autoimmune Neuropsychiatric and MIA-Associated Autism Spectrum Disorders. <i>International Journal of Molecular Sciences</i> , 2022, 23, 967.	4.1	3
27	mRNA Translational Enhancers as a Tool for Plant Gene Engineering. , 2015, , 187-196.		2
28	NLR Genes Related Transcript Sets in Potato Cultivars Bearing Genetic Material of Wild Mexican <i>Solanum</i> Species. <i>Agronomy</i> , 2021, 11, 2426.	3.0	2
29	The alien replicon: Artificial genetic constructs to direct the synthesis of transmissible self-replicating RNAs. <i>BioEssays</i> , 2014, 36, 1204-1212.	2.5	1