

Lajos Kalmár

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

2,983
citations

218381

26
h-index

168136

53
g-index

55
all docs

55
docs citations

55
times ranked

3956
citing authors

#	ARTICLE	IF	CITATIONS
1	Hereditary and acquired angioedema: Problems and progress: Proceedings of the third C1 esterase inhibitor deficiency workshop and beyond. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 114, S51-S131.	1.5	582
2	DisProt 7.0: a major update of the database of disordered proteins. <i>Nucleic Acids Research</i> , 2017, 45, D219-D227.	6.5	242
3	The alphabet of intrinsic disorder. <i>Intrinsically Disordered Proteins</i> , 2013, 1, e24360.	1.9	208
4	Intrinsically disordered proteins: emerging interaction specialists. <i>Current Opinion in Structural Biology</i> , 2015, 35, 49-59.	2.6	177
5	An overlooked DNA source for non-invasive genetic analysis in birds. <i>Journal of Avian Biology</i> , 2005, 36, 84-88.	0.6	151
6	Mutation History of the Roma/Gypsies. <i>American Journal of Human Genetics</i> , 2004, 75, 596-609.	2.6	148
7	Structural disorder in proteins brings order to crystal growth in biomineralization. <i>Bone</i> , 2012, 51, 528-534.	1.4	107
8	Dual coding in alternative reading frames correlates with intrinsic protein disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5429-5434.	3.3	92
9	HAEdb: A novel interactive, locus-specific mutation database for the C1 inhibitor gene. <i>Human Mutation</i> , 2005, 25, 1-5.	1.1	88
10	Whole-Body Barometric Plethysmography Characterizes Upper Airway Obstruction in 3 Brachycephalic Breeds of Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2016, 30, 853-865.	0.6	74
11	Conformational risk factors of brachycephalic obstructive airway syndrome (BOAS) in pugs, French bulldogs, and bulldogs. <i>PLoS ONE</i> , 2017, 12, e0181928.	1.1	74
12	TOPDB: topology data bank of transmembrane proteins. <i>Nucleic Acids Research</i> , 2007, 36, D234-D239.	6.5	73
13	Narcolepsy patients have antibodies that stain distinct cell populations in rat brain and influence sleep patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3735-44.	3.3	71
14	Reduction in Structural Disorder and Functional Complexity in the Thermal Adaptation of Prokaryotes. <i>PLoS ONE</i> , 2010, 5, e12069.	1.1	69
15	Mutation screening of the C1 inhibitor gene among Hungarian patients with hereditary angioedema. <i>Human Mutation</i> , 2003, 22, 498-498.	1.1	63
16	Outcomes and prognostic factors of surgical treatments for brachycephalic obstructive airway syndrome in 3 breeds. <i>Veterinary Surgery</i> , 2017, 46, 271-280.	0.5	50
17	Verification of alternative splicing variants based on domain integrity, truncation length and intrinsic protein disorder. <i>Nucleic Acids Research</i> , 2011, 39, 1208-1219.	6.5	46
18	The P28T Mutation in the GALK1 Gene Accounts for Galactokinase Deficiency in Roma (Gypsy) Patients across Europe. <i>Pediatric Research</i> , 2002, 51, 602-606.	1.1	40

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19	Truncation of GdpP mediates β -lactam resistance in clinical isolates of <i>Staphylococcus aureus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 1182-1191.	1.3	40
20	The other side of the coin: Functional and structural versatility of ADF/cofilins. <i>European Journal of Cell Biology</i> , 2014, 93, 238-251.	1.6	39
21	Distinct Hydration Properties of Wild-Type and Familial Point Mutant A53T of α -Synuclein Associated with Parkinson's Disease. <i>Biophysical Journal</i> , 2011, 101, 2260-2266.	0.2	33
22	Brachycephalic obstructive airway syndrome. <i>Veterinary Record</i> , 2018, 182, 375-378.	0.2	33
23	Power Law Distribution Defines Structural Disorder as a Structural Element Directly Linked with Function. <i>Journal of Molecular Biology</i> , 2010, 403, 346-350.	2.0	29
24	TOPDOM: database of domains and motifs with conservative location in transmembrane proteins. <i>Bioinformatics</i> , 2008, 24, 1469-1470.	1.8	28
25	Contribution of proline to the pre-structuring tendency of transient helical secondary structure elements in intrinsically disordered proteins. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 993-1003.	1.1	26
26	Analysis of the population heterogeneity in Hungary using fifteen forensically informative STR markers. <i>Forensic Science International</i> , 2006, 158, 244-249.	1.3	25
27	Asymmetric PCR increases efficiency of melting peak analysis on the LightCycler. <i>Clinical Biochemistry</i> , 2005, 38, 727-730.	0.8	22
28	Abnormal patterns of sleep and EEG power distribution during non-rapid eye movement sleep in the sheep model of Huntington's disease. <i>Neurobiology of Disease</i> , 2021, 155, 105367.	2.1	21
29	Factors affecting DNA quality in feathers used for non-invasive sampling. <i>Journal of Ornithology</i> , 2013, 154, 587-595.	0.5	19
30	Discrete Molecular Dynamics Can Predict Helical Prestructured Motifs in Disordered Proteins. <i>PLoS ONE</i> , 2014, 9, e95795.	1.1	19
31	Differential adaptation of REM sleep latency, intermediate stage and theta power effects of escitalopram after chronic treatment. <i>Journal of Neural Transmission</i> , 2013, 120, 169-176.	1.4	18
32	Objective effectiveness of and indications for laser-assisted turbinectomy in brachycephalic obstructive airway syndrome. <i>Veterinary Surgery</i> , 2019, 48, 79-87.	0.5	18
33	Genotype Screening for Hereditary Hemochromatosis among Voluntary Blood Donors in Hungary. <i>Blood Cells, Molecules, and Diseases</i> , 2001, 27, 334-341.	0.6	17
34	Association of celiac disease and hereditary angioneurotic edema. <i>American Journal of Gastroenterology</i> , 2002, 97, 2682-2683.	0.2	16
35	Exon-phase symmetry and intrinsic structural disorder promote modular evolution in the human genome. <i>Nucleic Acids Research</i> , 2013, 41, 4409-4422.	6.5	15
36	Intrinsically Disordered Linkers Impart Processivity on Enzymes by Spatial Confinement of Binding Domains. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2119.	1.8	15

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37	The role of structural disorder in cell cycle regulation, related clinical proteomics, disease development and drug targeting. <i>Expert Review of Proteomics</i> , 2015, 12, 221-233.	1.3	14
38	Frequencies of two common mutations (c.35delG and c.167delT) of the connexin 26 gene in different populations of Hungary. <i>International Journal of Molecular Medicine</i> , 2004, 14, 1105-8.	1.8	14
39	HAM-ART: An optimised culture-free Hi-C metagenomics pipeline for tracking antimicrobial resistance genes in complex microbial communities. <i>PLoS Genetics</i> , 2022, 18, e1009776.	1.5	14
40	High frequency of the haemochromatosis C282Y mutation in Hungary could argue against a Celtic origin of the mutation.. <i>Journal of Medical Genetics</i> , 1998, 35, 878-879.	1.5	13
41	Structural determinants governing S100A4-induced isoform-selective disassembly of nonmuscle myosin II filaments. <i>FEBS Journal</i> , 2016, 283, 2164-2180.	2.2	13
42	Acute escitalopram treatment inhibits REM sleep rebound and activation of MCH-expressing neurons in the lateral hypothalamus after long term selective REM sleep deprivation. <i>Psychopharmacology</i> , 2013, 228, 439-449.	1.5	12
43	Chronic escitalopram treatment caused dissociative adaptation in serotonin (5-HT) 2C receptor antagonist-induced effects in REM sleep, wake and theta wave activity. <i>Experimental Brain Research</i> , 2014, 232, 935-946.	0.7	12
44	Genetic structure of the Imperial Eagle (<i>Aquila heliaca</i>) population in Slovakia. <i>Slovak Raptor Journal</i> , 2009, 3, 21-28.	0.4	11
45	Characterisation of canine KCNIP4: A novel gene for cerebellar ataxia identified by whole-genome sequencing two affected Norwegian Buhund dogs. <i>PLoS Genetics</i> , 2020, 16, e1008527.	1.5	10
46	Characterization of ABL exon 7 deletion by molecular genetic and bioinformatic methods reveals no association with imatinib resistance in chronic myeloid leukemia. <i>Medical Oncology</i> , 2012, 29, 2136-2142.	1.2	8
47	Endotracheal tube placement during computed tomography of brachycephalic dogs alters upper airway dimensional measurements. <i>Veterinary Radiology and Ultrasound</i> , 2018, 59, 289-304.	0.4	8
48	Wake-Promoting and EEG Spectral Effects of Modafinil After Acute or Chronic Administration in the R6/2 Mouse Model of Huntington's Disease. <i>Neurotherapeutics</i> , 2020, 17, 1075-1086.	2.1	8
49	Long-Range Interactions in Nonsense-Mediated mRNA Decay Are Mediated by Intrinsically Disordered Protein Regions. <i>Journal of Molecular Biology</i> , 2012, 424, 125-131.	2.0	7
50	Size-Exclusion Chromatography Separation Reveals That Vesicular and Non-Vesicular Small RNA Profiles Differ in Cell Free Urine. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4881.	1.8	6
51	Financial Stress Interacts With CLOCK Gene to Affect Migraine. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 284.	1.0	4
52	Frequencies of two common mutations (c.35delG and c.167delT) of the connexin 26 gene in different populations of Hungary. <i>International Journal of Molecular Medicine</i> , 2004, 14, 1105.	1.8	1
53	Population genetic analysis in Hungarian populations using the Powerplex [®] 16 system. <i>International Congress Series</i> , 2003, 1239, 121-122.	0.2	0