TamÃ¡s MÃ©szÃ¡ros

List of Publications by Year
in descending order

47 papers	2,189 citations	293460 24 h-index	263392 45 g-index
47 all docs	47 docs citations	47 times ranked	3385 citing authors

#	Article	IF	Citations
1	A naturally hypersensitive porcine model may help understand the mechanism of COVID-19 mRNAÂvaccine-inducedÂrare (pseudo) allergic reactions: complement activation as a possible contributing factor. GeroScience, 2022, 44, 597-618.	2.1	26
2	Mini-Factor H Modulates Complement-Dependent IL-6 and IL-10 Release in an Immune Cell Culture (PBMC) Model: Potential Benefits Against Cytokine Storm. Frontiers in Immunology, 2021, 12, 642860.	2.2	15
3	Proof-of-Concept for the Analgesic Effect and Thermoregulatory Safety of Orally Administered Multi-Target Compound SZV 1287 in Mice: A Novel Drug Candidate for Neuropathic Pain. Biomedicines, 2021, 9, 749.	1.4	1
4	Complement-mediated hypersensitivity reactions to an amphotericin B-containing lipid complex (Abelcet) in pediatric patients and anesthetized rats: Benefits of slow infusion. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 34, 102366.	1.7	7
5	Restrained expression of canine glucocorticoid receptor splice variants Î± and P prognosticates fatal disease outcome in SIRS. Scientific Reports, 2021, 11, 24505.	1.6	1
6	Î³-Tubulin interacts with E2FA, E2FB and E2FC transcription factors, regulates proliferation and endocycle in Arabidopsis. Journal of Experimental Botany, 2020, 71, 1265-1277.	2.4	16
7	Spiegelmer-Based Sandwich Assay for Cardiac Troponin I Detection. International Journal of Molecular Sciences, 2020, 21, 4963.	1.8	5
8	Analysis of Modified Nucleotide Aptamer Library Generated by Thermophilic DNA Polymerases. ChemBioChem, 2020, 21, 2939-2944.	1.3	8
9	A novel family of expression vectors with multiple affinity tags for wheat germ cell-free protein expression. BMC Biotechnology, 2020, 20, 17.	1.7	3
10	A simple modification increases specificity and efficiency of asymmetric PCR. Analytica Chimica Acta, 2019, 1047, 225-230.	2.6	23
11	Selective counting and sizing of single virus particles using fluorescent aptamer-based nanoparticle tracking analysis. Nanoscale, 2018, 10, 13942-13948.	2.8	24
12	Characterization of auxin transporter <scp>PIN</scp>6 plasma membrane targeting reveals a function for <scp>PIN</scp>6 in plant bolting. New Phytologist, 2018, 217, 1610-1624.	3.5	39
13	Coevolving <scp>MAPK</scp> and <scp>PID</scp> phosphosites indicate an ancient environmental control of <scp>PIN</scp> auxin transporters in land plants. FEBS Letters, 2018, 592, 89-102.	1.3	48
14	Immunocompatibility of Rad-PC-Rad liposomes in vitro, based on human complement activation and cytokine release. Precision Nanomedicine, 2018, 1, 43-62.	0.4	4
15	Aptamers for respiratory syncytial virus detection. Scientific Reports, 2017, 7, 42794.	1.6	34
16	Arabidopsis RETINOBLASTOMA RELATED directly regulates DNA damage responses through functions beyond cell cycle control. EMBO Journal, 2017, 36, 1261-1278.	3.5	83
17	Spiegelmers as potential receptors for cTnI diagnostics. Analytical Methods, 2017, 9, 5091-5093.	1.3	2
18	Kinase-Associated Phosphoisoform Assay: a novel candidate-based method to detect specific kinase-substrate phosphorylation interactions in vivo. BMC Plant Biology, 2016, 16, 204.	1.6	16

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19	Glucose transporter type 10â€"lacking in arterial tortuosity syndromeâ€"facilitates dehydroascorbic acid transport. FEBS Letters, 2016, 590, 1630-1640.	1.3	25
20	The Arabidopsis mitogenâ€activated protein kinase 6 is associated with Î³â€tubulin on microtubules, phosphorylates <scp>EB</scp>1c and maintains spindle orientation under nitrosative stress. New Phytologist, 2015, 207, 1061-1074.	3.5	24
21	Activation of AtMPK9 through autophosphorylation that makes it independent of the canonical MAPK cascades. Biochemical Journal, 2015, 467, 167-175.	1.7	27
22	Aptasensors for viral diagnostics. TrAC - Trends in Analytical Chemistry, 2015, 74, 58-67.	5.8	45
23	Selection and Characterization of a Novel DNA Aptamer for Label-Free Fluorescence Biosensing of Ochratoxin A. Toxins, 2014, 6, 2435-2452.	1.5	124
24	Is less more? Lessons from aptamer selection strategies. Journal of Pharmaceutical and Biomedical Analysis, 2014, 101, 58-65.	1.4	48
25	A rational approach for generating cardiac troponin I selective Spiegelmers. Chemical Communications, 2014, 50, 6801-6804.	2.2	16
26	In Vitro Translation-Based Protein Kinase Substrate Identification. Methods in Molecular Biology, 2014, 1118, 231-243.	0.4	8
27	Natural mutations lead to enhanced proteasomal degradation of human Ncb5or, a novel flavoheme reductase. Biochimie, 2013, 95, 1403-1410.	1.3	8
28	Minireview: Endoplasmic Reticulum Stress: Control in Protein, Lipid, and Signal Homeostasis. Molecular Endocrinology, 2013, 27, 384-393.	3.7	52
29	Homogeneous assay for evaluation of aptamerâ€"protein interaction. Analyst, The, 2012, 137, 3929.	1.7	14
30	Expression and Purification of Active Protein Kinases from Wheat Germ Extracts. Methods in Molecular Biology, 2011, 779, 55-63.	0.4	1
31	Selection and versatile application of virusâ€specific aptamers. FASEB Journal, 2010, 24, 4187-4195.	0.2	49
32	Aptamer-based biochips for label-free detection of plant virus coat proteins by SPR imaging. Analyst, The, 2010, 135, 918.	1.7	90
33	Endoplasmic reticulum: nutrient sensor in physiology and pathology. Trends in Endocrinology and Metabolism, 2009, 20, 194-201.	3.1	95
34	A set of ligation-independent in vitro translation vectors for eukaryotic protein production. BMC Biotechnology, 2008, 8, 32.	1.7	28
35	The More We Know, the Less We Understand?. Plant Signaling and Behavior, 2007, 2, 30-32.	1.2	3
36	Antagonistic interaction between MAP kinase and protein phosphatase 2C in stress recovery. Plant Science, 2006, 171, 596-606.	1.7	38

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37	Activation of an alfalfa cyclin-dependent kinase inhibitor by calmodulin-like domain protein kinase. Plant Journal, 2006, 46, 111-123.	2.8	53
38	The Arabidopsis MAP kinase kinase MKK1 participates in defence responses to the bacterial elicitor flagellin. Plant Journal, 2006, 48, 485-498.	2.8	192
39	Expression of a Nondegradable Cyclin B1 Affects Plant Development and Leads to Endomitosis by Inhibiting the Formation of a Phragmoplast. Plant Cell, 2004, 16, 643-657.	3.1	121
40	A protein kinase target of a PDK1 signalling pathway is involved in root hair growth in Arabidopsis. EMBO Journal, 2004, 23, 572-581.	3.5	285
41	Auxin and heat shock activation of a novel member of the calmodulin like domain protein kinase gene family in cultured alfalfa cells. Journal of Experimental Botany, 2001, 52, 215-221.	2.4	77
42	Auxin and heat shock activation of a novel member of the calmodulin like domain protein kinase gene family in cultured alfalfa cells. Journal of Experimental Botany, 2001, 52, 215-221.	2.4	2
43	Inhibition of serine/threonine-specific protein phosphatases causes premature activation of cdc2MsF kinase at G2/M transition and early mitotic microtubule organisation in alfalfa. Plant Journal, 2000, 23, 85-96.	2.8	67
44	Multiple cyclin-dependent kinase complexes and phosphatases control G2/M progression in alfalfa cells. Plant Molecular Biology, 2000, 43, 595-605.	2.0	81
45	Title is missing!. Plant Growth Regulation, 2000, 32, 129-141.	1.8	53
46	Capillary chromatography/microelectrospray mass spectrometry used for the identification of putative cyclin-dependent kinase inhibitory protein in Medicago. , 1998, 12, 1564-1568.		19
47	Cell cycle phase specificity of putative cyclin-dependent kinase variants in synchronized alfalfa cells.. Plant Cell, 1997, 9, 223-235.	3.1	189