

Kazuhito Tomizawa

List of Publications by Year in descending order

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137
papers

7,269
citations

61984

43
h-index

62596

80
g-index

145
all docs

145
docs citations

145
times ranked

9647
citing authors

#	ARTICLE	IF	CITATIONS
1	CaM kinase II α -induced phosphorylation of Drp1 regulates mitochondrial morphology. <i>Journal of Cell Biology</i> , 2008, 182, 573-585.	5.2	397
2	Cysteinyl-tRNA synthetase governs cysteine polysulfidation and mitochondrial bioenergetics. <i>Nature Communications</i> , 2017, 8, 1177.	12.8	373
3	Oxytocin improves long-lasting spatial memory during motherhood through MAP kinase cascade. <i>Nature Neuroscience</i> , 2003, 6, 384-390.	14.8	345
4	A new cell-permeable peptide allows successful allogeneic islet transplantation in mice. <i>Nature Medicine</i> , 2004, 10, 305-309.	30.7	264
5	Ciliary transition zone activation of phosphorylated Tctex-1 controls ciliary resorption, S-phase entry and fate of neural progenitors. <i>Nature Cell Biology</i> , 2011, 13, 402-411.	10.3	228
6	Deficit of tRNA ^{Lys} modification by Cdkal1 causes the development of type 2 diabetes in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 3598-3608.	8.2	212
7	Critical Role of Calpain-mediated Cleavage of Calcineurin in Excitotoxic Neurodegeneration. <i>Journal of Biological Chemistry</i> , 2004, 279, 4929-4940.	3.4	208
8	Cdk5/p35 Regulates Neurotransmitter Release through Phosphorylation and Downregulation of P/Q-Type Voltage-Dependent Calcium Channel Activity. <i>Journal of Neuroscience</i> , 2002, 22, 2590-2597.	3.6	194
9	Cdk5-dependent regulation of glucose-stimulated insulin secretion. <i>Nature Medicine</i> , 2005, 11, 1104-1108.	30.7	184
10	Cophosphorylation of amphiphysin I and dynamin I by Cdk5 regulates clathrin-mediated endocytosis of synaptic vesicles. <i>Journal of Cell Biology</i> , 2003, 163, 813-824.	5.2	182
11	SIRT7 Controls Hepatic Lipid Metabolism by Regulating the Ubiquitin-Proteasome Pathway. <i>Cell Metabolism</i> , 2014, 19, 712-721.	16.2	173
12	Channel Function Is Dissociated from the Intrinsic Kinase Activity and Autophosphorylation of TRPM7/ChaK1. <i>Journal of Biological Chemistry</i> , 2005, 280, 20793-20803.	3.4	168
13	A High-Efficiency Protein Transduction System Demonstrating the Role of PKA in Long-Lasting Long-Term Potentiation. <i>Journal of Neuroscience</i> , 2001, 21, 6000-6007.	3.6	158
14	Truncation and Activation of Calcineurin A by Calpain I in Alzheimer Disease Brain. <i>Journal of Biological Chemistry</i> , 2005, 280, 37755-37762.	3.4	150
15	The NH2 Terminus of Influenza Virus Hemagglutinin-2 Subunit Peptides Enhances the Antitumor Potency of Polyarginine-mediated p53 Protein Transduction. <i>Journal of Biological Chemistry</i> , 2005, 280, 8285-8289.	3.4	127
16	Identification of Eukaryotic and Prokaryotic Methylthiotransferase for Biosynthesis of 2-Methylthio-N ⁶ -threonylcarbamoyladenosine in tRNA. <i>Journal of Biological Chemistry</i> , 2010, 285, 28425-28433.	3.4	111
17	Metabolic and chemical regulation of tRNA modification associated with taurine deficiency and human disease. <i>Nucleic Acids Research</i> , 2018, 46, 1565-1583.	14.5	110
18	Movement of accessible plasma membrane cholesterol by the GRAMD1 lipid transfer protein complex. <i>ELife</i> , 2019, 8, .	6.0	107

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19	Enhanced intracellular delivery using arginine-rich peptides by the addition of penetration accelerating sequences (Pas). <i>Journal of Controlled Release</i> , 2009, 138, 128-133.	9.9	102
20	Reactive sulfur species regulate tRNA methylthiolation and contribute to insulin secretion. <i>Nucleic Acids Research</i> , 2017, 45, 435-445.	14.5	99
21	Regulation of N-Methyl-D-aspartate Receptors by Calpain in Cortical Neurons. <i>Journal of Biological Chemistry</i> , 2005, 280, 21588-21593.	3.4	96
22	Cdk5rap1-Mediated 2-Methylthio Modification of Mitochondrial tRNAs Governs Protein Translation and Contributes to Myopathy in Mice and Humans. <i>Cell Metabolism</i> , 2015, 21, 428-442.	16.2	95
23	Delivery of sodium borocaptate to glioma cells using immunoliposome conjugated with anti-EGFR antibodies by ZZ-His. <i>Biomaterials</i> , 2009, 30, 1746-1755.	11.4	91
24	Impairment of hippocampal long-term depression and defective spatial learning and memory in p35 ^{-/-} mice. <i>Journal of Neurochemistry</i> , 2005, 94, 917-925.	3.9	89
25	Defective Mitochondrial tRNA Taurine Modification Activates Global Proteostress and Leads to Mitochondrial Disease. <i>Cell Reports</i> , 2018, 22, 482-496.	6.4	84
26	Control of cyclin-dependent kinase 5 (Cdk5) activity by glutamatergic regulation of p35 stability. <i>Journal of Neurochemistry</i> , 2005, 93, 502-512.	3.9	78
27	The acceleration of boron neutron capture therapy using multi-linked mercaptoundecahydrododecaborate (BSH) fused cell-penetrating peptide. <i>Biomaterials</i> , 2014, 35, 3396-3405.	11.4	78
28	Development of bionanocapsules targeting brain tumors. <i>Journal of Controlled Release</i> , 2007, 122, 159-164.	9.9	74
29	Protein Therapy: In Vivo Protein Transduction by Polyarginine (11R) PTD and Subcellular Targeting Delivery. <i>Current Protein and Peptide Science</i> , 2003, 4, 151-157.	1.4	70
30	Functional loss of Cdkal1, a novel tRNA modification enzyme, causes the development of type 2 diabetes [Review]. <i>Endocrine Journal</i> , 2011, 58, 819-825.	1.6	66
31	Development of p53 protein transduction therapy using membrane-permeable peptides and the application to oral cancer cells. <i>Molecular Cancer Therapeutics</i> , 2002, 1, 1043-9.	4.1	66
32	Photo-acceleration of protein release from endosome in the protein transduction system. <i>FEBS Letters</i> , 2004, 572, 221-226.	2.8	64
33	Evolving specificity of tRNA 3-methyl-cytidine-32 (m ³ C32) modification: a subset of tRNAs ^{Ser} requires N ⁶ -isopentenylolation of A37. <i>Rna</i> , 2016, 22, 1400-1410.	3.5	64
34	Oxytocin: a therapeutic target for mental disorders. <i>Journal of Physiological Sciences</i> , 2012, 62, 441-444.	2.1	62
35	Mammalian NSUN2 introduces 5-methylcytidines into mitochondrial tRNAs. <i>Nucleic Acids Research</i> , 2019, 47, 8734-8745.	14.5	60
36	Inactivation of TRPM7 kinase activity does not impair its channel function in mice. <i>Scientific Reports</i> , 2014, 4, 5718.	3.3	59

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37	Human transfer RNA modopathies: diseases caused by aberrations in transfer RNA modifications. FEBS Journal, 2021, 288, 7096-7122.	4.7	58
38	Stabilization of Actin Bundles by a Dynamin 1/Cortactin Ring Complex Is Necessary for Growth Cone Filopodia. Journal of Neuroscience, 2013, 33, 4514-4526.	3.6	56
39	FTO Demethylates Cyclin D1 mRNA and Controls Cell-Cycle Progression. Cell Reports, 2020, 31, 107464.	6.4	55
40	HIV-1 inhibits long-term potentiation and attenuates spatial learning. Annals of Neurology, 2004, 55, 362-371.	5.3	54
41	YAP/TAZ Are Essential for TGF- β -Mediated Conjunctival Fibrosis. , 2018, 59, 3069.		54
42	Developmental alteration and neuron-specific expression of bone morphogenetic protein-6 (BMP-6) mRNA in rodent brain. Molecular Brain Research, 1995, 28, 122-128.	2.3	49
43	A CACNB4 mutation shows that altered Cav2.1 function may be a genetic modifier of severe myoclonic epilepsy in infancy. Neurobiology of Disease, 2008, 32, 349-354.	4.4	47
44	Calpain-calcineurin signaling in the pathogenesis of calcium-dependent disorder. Acta Medica Okayama, 2007, 61, 123-37.	0.2	47
45	Amphiphysin 1 Is Important for Actin Polymerization during Phagocytosis. Molecular Biology of the Cell, 2007, 18, 4669-4680.	2.1	43
46	Oxytocin Protects against Stress-Induced Cell Death in Murine Pancreatic β -Cells. Scientific Reports, 2016, 6, 25185.	3.3	41
47	Calpain Inhibitors Prevent Neuronal Cell Death and Ameliorate Motor Disturbances after Compression-Induced Spinal Cord Injury in Rats. Journal of Neurotrauma, 2005, 22, 398-406.	3.4	40
48	Identification of a splicing variant that regulates type 2 diabetes risk factor CDKAL1 level by a coding-independent mechanism in human. Human Molecular Genetics, 2014, 23, 4639-4650.	2.9	40
49	Fluvoxamine, an anti-depressant, inhibits human glioblastoma invasion by disrupting actin polymerization. Scientific Reports, 2016, 6, 23372.	3.3	40
50	Tctexin controls ciliary resorption by regulating branched actin polymerization and endocytosis. EMBO Reports, 2017, 18, 1460-1472.	4.5	40
51	Oxytocin Inhibits Corticosterone-induced Apoptosis in Primary Hippocampal Neurons. Neuroscience, 2018, 379, 383-389.	2.3	40
52	Calcineurin Plays Different Roles in Group II Metabotropic Glutamate Receptor- and NMDA Receptor-Dependent Long-Term Depression. Journal of Neuroscience, 2002, 22, 5034-5041.	3.6	37
53	A Cell-permeable NFAT Inhibitor Peptide Prevents Pressure-Overload Cardiac Hypertrophy. Chemical Biology and Drug Design, 2006, 67, 238-243.	3.2	36
54	Antidepressant-like effect of sildenafil through oxytocin-dependent cyclic AMP response element-binding protein phosphorylation. Neuroscience, 2012, 200, 13-18.	2.3	36

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55	High Oxygen Condition Facilitates the Differentiation of Mouse and Human Pluripotent Stem Cells into Pancreatic Progenitors and Insulin-producing Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 9623-9638.	3.4	36
56	Transformation of eEF1B β into heat shock response transcription factor by alternative splicing. <i>EMBO Reports</i> , 2011, 12, 673-681.	4.5	35
57	Inhibition of excitatory neuronal cell death by cell-permeable calcineurin autoinhibitory peptide. <i>Journal of Neurochemistry</i> , 2003, 87, 1145-1151.	3.9	33
58	Development of a bifunctional immunoliposome system for combined drug delivery and imaging in vivo. <i>Biomaterials</i> , 2010, 31, 4139-4145.	11.4	33
59	Inhibition of H3K18 deacetylation of Sirt7 by Myb-binding protein 1a (Mybbp1a). <i>Biochemical and Biophysical Research Communications</i> , 2013, 441, 157-163.	2.1	32
60	Regulation of mitochondrial iron homeostasis by sideroflexin 2. <i>Journal of Physiological Sciences</i> , 2019, 69, 359-373.	2.1	32
61	Poly-arginine-fused calpastatin peptide, a living cell membrane-permeable and specific inhibitor for calpain. <i>Neuroscience Research</i> , 2003, 47, 131-135.	1.9	31
62	Combining poly-arginine with the hydrophobic counter-anion 4-(1-pyrenyl)-butyric acid for protein transduction in transdermal delivery. <i>Biomaterials</i> , 2012, 33, 6468-6475.	11.4	31
63	A protein transduction method using oligo-arginine (3R) for the delivery of transcription factors into cell nuclei. <i>Biomaterials</i> , 2012, 33, 4665-4672.	11.4	30
64	Lack of tRNA-i6A modification causes mitochondrial-like metabolic deficiency in <i>S. pombe</i> by limiting activity of cytosolic tRNA ^{Tyr} , not mito-tRNA. <i>Rna</i> , 2016, 22, 583-596.	3.5	30
65	Loss of Ftsj1 perturbs codon-specific translation efficiency in the brain and is associated with X-linked intellectual disability. <i>Science Advances</i> , 2021, 7, .	10.3	30
66	Regulation of synaptic vesicle recycling by calcineurin in different vesicle pools. <i>Neuroscience Research</i> , 2005, 51, 435-443.	1.9	29
67	Ubiquitination-resistant p53 protein transduction therapy facilitates anti-cancer effect on the growth of human malignant glioma cells. <i>FEBS Letters</i> , 2005, 579, 3965-3969.	2.8	29
68	Cell-penetrating d-Isomer Peptides of p53 C-terminus: Long-term Inhibitory Effect on the Growth of Bladder Cancer. <i>Urology</i> , 2010, 75, 813-819.	1.0	29
69	Amphiphysin I and regulation of synaptic vesicle endocytosis. <i>Acta Medica Okayama</i> , 2009, 63, 305-23.	0.2	29
70	Cell-Penetrating Peptide as a Means of Directing the Differentiation of Induced-Pluripotent Stem Cells. <i>International Journal of Molecular Sciences</i> , 2015, 16, 26667-26676.	4.1	28
71	Mtu1-Mediated Thiouridine Formation of Mitochondrial tRNAs Is Required for Mitochondrial Translation and Is Involved in Reversible Infantile Liver Injury. <i>PLoS Genetics</i> , 2016, 12, e1006355.	3.5	28
72	N6-methyladenosine (m6A) is an endogenous A3 adenosine receptor ligand. <i>Molecular Cell</i> , 2021, 81, 659-674.e7.	9.7	28

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73	p53 Protein Transduction Therapy: Successful Targeting and Inhibition of the Growth of the Bladder Cancer Cells. <i>European Urology</i> , 2006, 49, 161-168.	1.9	27
74	Cyclin-Dependent Kinase 5 (Cdk5): A Potential Therapeutic Target for the Treatment of Neurodegenerative Diseases and Diabetes Mellitus. <i>Mini-Reviews in Medicinal Chemistry</i> , 2007, 7, 1070-1074.	2.4	27
75	Anks4b, a Novel Target of HNF4 β Protein, Interacts with GRP78 Protein and Regulates Endoplasmic Reticulum Stress-induced Apoptosis in Pancreatic β -Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 23236-23245.	3.4	27
76	Induction of autophagic cell death of glioma-initiating cells by cell-penetrating d-isomer peptides consisting of Pas and the p53 C-terminus. <i>Biomaterials</i> , 2012, 33, 9061-9069.	11.4	27
77	Cyclin G2 Promotes Hypoxia- Driven Local Invasion of Glioblastoma by Orchestrating Cytoskeletal Dynamics. <i>Neoplasia</i> , 2013, 15, 1272-IN23.	5.3	27
78	Major Cdk5-dependent phosphorylation sites of amphiphysin 1 are implicated in the regulation of the membrane binding and endocytosis. <i>Journal of Neurochemistry</i> , 2007, 102, 1466-1476.	3.9	26
79	RGS2 mediates the anxiolytic effect of oxytocin. <i>Brain Research</i> , 2012, 1453, 26-33.	2.2	26
80	Truncations of amphiphysin I by calpain inhibit vesicle endocytosis during neural hyperexcitation. <i>EMBO Journal</i> , 2007, 26, 2981-2990.	7.8	25
81	Quantitative PCR Measurement of tRNA 2-Methylthio Modification for Assessing Type 2 Diabetes Risk. <i>Clinical Chemistry</i> , 2013, 59, 1604-1612.	3.2	24
82	Generation of Functional Insulin-Producing Cells From Mouse Embryonic Stem Cells Through 804G Cell-Derived Extracellular Matrix and Protein Transduction of Transcription Factors. <i>Stem Cells Translational Medicine</i> , 2014, 3, 114-127.	3.3	24
83	A Cdk5 Inhibitor Enhances the Induction of Insulin Secretion by Exendin-4 Both in Vitro and in Vivo. <i>Journal of Physiological Sciences</i> , 2007, 57, 235-239.	2.1	23
84	Oxytocin mediates the antidepressant effects of mating behavior in male mice. <i>Neuroscience Research</i> , 2010, 68, 151-153.	1.9	22
85	Regulation of mitochondrial dynamics and neurodegenerative diseases. <i>Acta Medica Okayama</i> , 2011, 65, 1-10.	0.2	21
86	Detection of SARS-CoV-2 by antigen ELISA test is highly swayed by viral load and sample storage condition. <i>Expert Review of Anti-Infective Therapy</i> , 2022, 20, 473-481.	4.4	20
87	Synthesis of L-cysteine derivatives containing stable sulfur isotopes and application of this synthesis to reactive sulfur metabolome. <i>Free Radical Biology and Medicine</i> , 2017, 106, 69-79.	2.9	18
88	Impaired bile acid metabolism with defectives of mitochondrial-tRNA taurine modification and bile acid taurine conjugation in the taurine depleted cats. <i>Scientific Reports</i> , 2020, 10, 4915.	3.3	18
89	Resistance to chemical carcinogenesis induction via a dampened inflammatory response in naked mole-rats. <i>Communications Biology</i> , 2022, 5, 287.	4.4	17
90	Effects of Purified Newly Developed Botulinum Neurotoxin Type A in Rat Prostate. <i>Urology</i> , 2009, 74, 436-439.	1.0	16

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91	A cautionary tale: the non-causal association between type 2 diabetes risk SNP, rs7756992, and levels of non-coding RNA, CDKAL1-v1. <i>Diabetologia</i> , 2015, 58, 745-748.	6.3	16
92	Protein transduction therapy into cochleae via the round window niche in guinea pigs. <i>Molecular Therapy - Methods and Clinical Development</i> , 2016, 3, 16055.	4.1	16
93	Protein transduction into the mouse otocyst using arginine-rich cell-penetrating peptides. <i>NeuroReport</i> , 2011, 22, 994-999.	1.2	15
94	Efficient Transduction of 11 Poly-arginine Peptide in an Ischemic Lesion of Mouse Brain. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014, 23, 2023-2030.	1.6	15
95	Cdk5rap1-mediated 2-methylthio-N6-isopentenyladenosine modification is absent from nuclear-derived RNA species. <i>Nucleic Acids Research</i> , 2017, 45, 11954-11961.	14.5	15
96	Calcineurin Mediates Bladder Smooth Muscle Hypertrophy After Bladder Outlet Obstruction. <i>Journal of Urology</i> , 2003, 170, 2077-2081.	0.4	14
97	Protein Therapy Using Heme-Oxygenase-1 Fused to a Polyarginine Transduction Domain Attenuates Cerebral Vasospasm after Experimental Subarachnoid Hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 2231-2242.	4.3	14
98	tRNA modifications and islet function. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 20-27.	4.4	14
99	2-Methylthio Conversion of N6-Isopentenyladenosine in Mitochondrial tRNAs by CDK5RAP1 Promotes the Maintenance of Glioma-Initiating Cells. <i>IScience</i> , 2019, 21, 42-56.	4.1	14
100	Involvement of calcineurin in glutamate-induced mitochondrial dynamics in neurons. <i>Neuroscience Research</i> , 2008, 60, 114-119.	1.9	13
101	Expression of a Constitutively Active Calcineurin Encoded by an Intron-Retaining mRNA in Follicular Keratinocytes. <i>PLoS ONE</i> , 2011, 6, e17685.	2.5	13
102	AuNP Coupled Rapid Flow-Through Dot-Blot Immuno-Assay for Enhanced Detection of SARS-CoV-2 Specific Nucleocapsid and Receptor Binding Domain IgG. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 4739-4753.	6.7	13
103	Antibody response to the first dose of AZD1222 vaccine in COVID-19 convalescent and uninfected individuals in Bangladesh. <i>Expert Review of Vaccines</i> , 2021, 20, 1651-1660.	4.4	13
104	GCN2 regulates pancreatic β cell mass by sensing intracellular amino acid levels. <i>JCI Insight</i> , 2020, 5, .	5.0	13
105	Novel Protein Transduction Method by Using 11R. <i>Stroke</i> , 2007, 38, 1354-1361.	2.0	12
106	Ca ²⁺ -independent syntaxin binding to the C2B effector region of synaptotagmin. <i>Molecular and Cellular Neurosciences</i> , 2012, 49, 1-8.	2.2	12
107	Sirtuin 7 is involved in the consolidation of fear memory in mice. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 261-266.	2.1	11
108	Intranasal Drug Delivery into Mouse Nasal Mucosa and Brain Utilizing Arginine-Rich Cell-Penetrating Peptide-Mediated Protein Transduction. <i>International Journal of Peptide Research and Therapeutics</i> , 2020, 26, 1643-1650.	1.9	11

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109	Cooperative methylation of human tRNA ³ Lys at positions A58 and U54 drives the early and late steps of HIV-1 replication. <i>Nucleic Acids Research</i> , 2021, 49, 11855-11867.	14.5	11
110	Deletion of Long Isoform of Eukaryotic Elongation Factor 1B ^l Leads to Audiogenic Seizures and Aversive Stimulus-Induced Long-Lasting Activity Suppression in Mice. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 358.	2.9	10
111	Theranostic Protein Targeting ErbB2 for Bioluminescence Imaging and Therapy for Cancer. <i>PLoS ONE</i> , 2013, 8, e75288.	2.5	10
112	Regulation of growth hormone biosynthesis by Cdk5 regulatory subunit associated protein 1-like 1 (CDKAL1) in pituitary adenomas. <i>Endocrine Journal</i> , 2019, 66, 807-816.	1.6	9
113	Response to Stimulations Inducing Circadian Rhythm in Human Induced Pluripotent Stem Cells. <i>Cells</i> , 2020, 9, 620.	4.1	9
114	Longitudinal Antibody Dynamics Against Structural Proteins of SARS-CoV-2 in Three COVID-19 Patients Shows Concurrent Development of IgA, IgM, and IgG. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 2497-2506.	3.5	9
115	Movements of Ancient Human Endogenous Retroviruses Detected in SOX2-Expressing Cells. <i>Journal of Virology</i> , 2022, 96, e0035622.	3.4	9
116	Development of type 2 diabetes caused by a deficiency of a tRNA ^{lys} modification. <i>Islets</i> , 2012, 4, 71-73.	1.8	8
117	Critical differences in magnitude and duration of N-methyl D-aspartate(NMDA) receptor activation between long-term potentiation (LTP) and long-term depression (LTD) induction. <i>Acta Medica Okayama</i> , 2008, 62, 21-8.	0.2	8
118	A new approach to inhibiting astrocytic IP3-induced intracellular calcium increase in an astrocyte-neuron co-culture system. <i>Brain Research</i> , 2005, 1055, 196-201.	2.2	7
119	HDAC9 regulates the alternative lengthening of telomere (ALT) pathway via the formation of ALT-associated PML bodies. <i>Biochemical and Biophysical Research Communications</i> , 2016, 481, 25-30.	2.1	7
120	Erythropoietin facilitates definitive endodermal differentiation of mouse embryonic stem cells via activation of ERK signaling. <i>American Journal of Physiology - Cell Physiology</i> , 2017, 312, C573-C582.	4.6	6
121	Noninvasive diagnosis of <i>TRIT1</i> -related mitochondrial disorder by measuring ⁶ A37 and ² ⁶ A37 modifications in tRNAs from blood and urine samples. <i>American Journal of Medical Genetics, Part A</i> , 2019, 179, 1609-1614.	1.2	6
122	Mitochondrial localization of PABPN1 in oculopharyngeal muscular dystrophy. <i>Laboratory Investigation</i> , 2019, 99, 1728-1740.	3.7	6
123	Phosphorylation of cortactin by cyclin-dependent kinase ⁵ modulates actin bundling by the dynamin 1-cortactin ring-like complex and formation of filopodia and lamellipodia in NG108-15 glioma-derived cells. <i>International Journal of Oncology</i> , 2019, 54, 550-558.	3.9	6
124	Role of the hippocampal CA2 region following postischemic hypothermia in gerbil. <i>Molecular Brain Research</i> , 2003, 111, 8-16.	2.3	4
125	Nanoparticle-based Drug Delivery Systems for Solid Brain Tumors. <i>Current Nanoscience</i> , 2011, 7, 47-54.	1.2	4
126	Possible role of cortactin phosphorylation by protein kinase $C\hat{\pm}$ in actin bundle formation at growth cone. <i>Biology of the Cell</i> , 2015, 107, 319-330.	2.0	4

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127	Export of RNA-derived modified nucleosides by equilibrative nucleoside transporters defines the magnitude of autophagy response and Zika virus replication. <i>RNA Biology</i> , 2021, 18, 478-495.	3.1	4
128	Crosstalk Between Calpain and Calcineurin in Excitotoxic Neurodegeneration; Therapeutic Targets for the Treatment of Excitotoxic Neurodegeneration. <i>Current Medicinal Chemistry - Central Nervous System Agents</i> , 2005, 5, 207-216.	0.5	3
129	A culture substratum with net-like polyamide fibers promotes the differentiation of mouse and human pluripotent stem cells to insulin-producing cells. <i>Biomedical Materials (Bristol)</i> , 2019, 14, 045019.	3.3	3
130	Cdk5 regulatory subunit-associated protein 1 knockout mice show hearing loss phenotypically similar to age-related hearing loss. <i>Molecular Brain</i> , 2021, 14, 82.	2.6	3
131	Extracellular <i>N</i> ⁶ -isopentenyladenosine (<i>i</i> ⁶ A) addition induces cotranscriptional <i>i</i> ⁶ A incorporation into ribosomal RNAs. <i>Rna</i> , 2022, 28, 1013-1027.	3.5	3
132	Mutation of the key residue for extraribosomal function of ribosomal protein S19 cause increased grooming behaviors in mice. <i>Neuroscience Letters</i> , 2016, 629, 221-226.	2.1	2
133	Oxytocin mediates antidepressant effect by mating behavior and sildenafil in mice. <i>Neuroscience Research</i> , 2010, 68, e315.	1.9	0
134	BOT-02 2-METHYLTHIO MODIFICATION OF N6-ISOPENTENYLADENOSINE IN MITOCHONDRIAL TRNAS BY CDK5RAP1 PROMOTES THE MAINTENANCE OF GLIOMA-INITIATING CELLS. <i>Neuro-Oncology Advances</i> , 2019, 1, ii12-ii12.	0.7	0
135	Heat Shock-Induced Dephosphorylation of Eukaryotic Elongation Factor 1B ^L by Protein Phosphatase 1. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 598578.	3.5	0
136	Generation of Functional Insulin-Producing Cells from Mouse Embryonic Stem Cells Through Protein of Transcription Factors. <i>Methods in Molecular Biology</i> , 2021, 2211, 85-96.	0.9	0
137	Antidepressant-like effect of male mating behavior through oxytocin-induced CREB signaling. <i>Neuroscience Research</i> , 2022, , .	1.9	0