

# Kun Huang

## List of Publications by Year in descending order

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134  
papers

5,558  
citations

66343

42  
h-index

102487

66  
g-index

138  
all docs

138  
docs citations

138  
times ranked

8954  
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging roles of angiotensin-like proteins in inflammation: Mechanisms and potential pharmacological targets. <i>Journal of Cellular Physiology</i> , 2022, 237, 98-117.	4.1	14
2	Array-based sensing of amyloidogenic proteins and discrimination of cancer by using different oxidants doped carbon nanodots as fluorescent probes. <i>Chemical Engineering Journal</i> , 2022, 430, 132696.	12.7	10
3	Inhibiting protein aggregation with nanomaterials: The underlying mechanisms and impact factors. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2022, 1866, 130061.	2.4	8
4	Histone demethylase UTX aggravates acetaminophen overdose induced hepatotoxicity through dual mechanisms. <i>Pharmacological Research</i> , 2022, 175, 106021.	7.1	5
5	Histone H1.2 promotes hepatocarcinogenesis by regulating signal transducer and activator of transcription 3 signaling. <i>Cancer Science</i> , 2022, 113, 1679-1692.	3.9	12
6	B-cell lymphoma 6 alleviates nonalcoholic fatty liver disease in mice through suppression of fatty acid transporter CD36. <i>Cell Death and Disease</i> , 2022, 13, 359.	6.3	9
7	Renal UTX-PHGDH-serine axis regulates metabolic disorders in the kidney and liver. <i>Nature Communications</i> , 2022, 13, .	12.8	11
8	Nano-based approaches in the development of antiviral agents and vaccines. <i>Life Sciences</i> , 2021, 265, 118761.	4.3	20
9	Kidney injury molecule-1 is a potential receptor for SARS-CoV-2. <i>Journal of Molecular Cell Biology</i> , 2021, 13, 185-196.	3.3	44
10	Emerging physiological and pathological roles of MeCP2 in non-neurological systems. <i>Archives of Biochemistry and Biophysics</i> , 2021, 700, 108768.	3.0	10
11	Nrx2.5 Functions as a Conditional Tumor Suppressor Gene in Colorectal Cancer Cells via Acting as a Transcriptional Coactivator in p53-Mediated p21 Expression. <i>Frontiers in Oncology</i> , 2021, 11, 648045.	2.8	4
12	A Systematic Screening of Traditional Chinese Medicine Identifies Two Novel Inhibitors Against the Cytotoxic Aggregation of Amyloid Beta. <i>Frontiers in Pharmacology</i> , 2021, 12, 637766.	3.5	5
13	Vitamin C Inhibits the Metabolic Changes Induced by Tet1 Insufficiency Under High Fat Diet Stress. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2100417.	3.3	10
14	Histone methyltransferase G9a protects against acute liver injury through GSTP1. <i>Cell Death and Differentiation</i> , 2020, 27, 1243-1258.	11.2	44
15	Fat-Specific Knockout of Mecp2 Upregulates Sipi to Reduce Obesity by Enhancing Browning. <i>Diabetes</i> , 2020, 69, 35-47.	0.6	26
16	USP15 potentiates NF- $\kappa$ B activation by differentially stabilizing TAB2 and TAB3. <i>FEBS Journal</i> , 2020, 287, 3165-3183.	4.7	42
17	LINC01149 variant modulates MICA expression that facilitates hepatitis B virus spontaneous recovery but increases hepatocellular carcinoma risk. <i>Oncogene</i> , 2020, 39, 1944-1956.	5.9	13
18	Muscular G9a Regulates Muscle-Liver-Fat Axis by Musclin Under Overnutrition in Female Mice. <i>Diabetes</i> , 2020, 69, 2642-2654.	0.6	21

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19	Loss of histone lysine methyltransferase EZH2 confers resistance to tyrosine kinase inhibitors in non-small cell lung cancer. <i>Cancer Letters</i> , 2020, 495, 41-52.	7.2	17
20	Response to Comment on Chen et al. Clinical Characteristics and Outcomes of Patients With Diabetes and COVID-19 in Association With Glucose-Lowering Medication. <i>Diabetes Care</i> 2020;43:1399-1407. <i>Diabetes Care</i> , 2020, 43, e165-e166.	8.6	12
21	Familial Atrial Enlargement, Conduction Disorder and Symmetric Cardiac Hypertrophy Are Early Signs of PRKAG2 R302Q. <i>Current Medical Science</i> , 2020, 40, 486-492.	1.8	7
22	Targeting NFATc4 attenuates non-alcoholic steatohepatitis in mice. <i>Journal of Hepatology</i> , 2020, 73, 1333-1346.	3.7	16
23	Yin and Yang Regulation of Liver X Receptor $\beta$ Signaling Control of Cholesterol Metabolism by Poly(ADP-ribose) polymerase 1. <i>International Journal of Biological Sciences</i> , 2020, 16, 2868-2882.	6.4	2
24	PEGylated and Acylated Elabela Analogues Show Enhanced Receptor Binding, Prolonged Stability, and Remedy of Acute Kidney Injury. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 16028-16042.	6.4	8
25	Neferine suppresses vascular endothelial inflammation by inhibiting the NF- $\kappa$ B signaling pathway. <i>Archives of Biochemistry and Biophysics</i> , 2020, 696, 108595.	3.0	17
26	Clinical Characteristics and Outcomes of Patients With Diabetes and COVID-19 in Association With Glucose-Lowering Medication. <i>Diabetes Care</i> , 2020, 43, 1399-1407.	8.6	323
27	Non-polyphenolic natural inhibitors of amyloid aggregation. <i>European Journal of Medicinal Chemistry</i> , 2020, 192, 112197.	5.5	44
28	Heat Shock Protein 22 Attenuates Doxorubicin-Induced Cardiotoxicity via Regulating Inflammation and Apoptosis. <i>Frontiers in Pharmacology</i> , 2020, 11, 257.	3.5	23
29	Multigenerational maternal obesity increases the incidence of HCC in offspring via miR-27a-3p. <i>Journal of Hepatology</i> , 2020, 73, 603-615.	3.7	59
30	Copper and iron ions accelerate the prion-like propagation of $\beta$ -synuclein: A vicious cycle in Parkinson's disease. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 562-573.	7.5	36
31	Lmo4-resistin signaling contributes to adipose tissue-liver crosstalk upon weight cycling. <i>FASEB Journal</i> , 2020, 34, 4732-4748.	0.5	14
32	Extracellular HMGB1 exacerbates autoimmune progression and recurrence of type 1 diabetes by impairing regulatory T cell stability. <i>Diabetologia</i> , 2020, 63, 987-1001.	6.3	23
33	Absence of Interferon Regulatory Factor 1 Protects Against Atherosclerosis in Apolipoprotein E-Deficient Mice. <i>Theranostics</i> , 2019, 9, 4688-4703.	10.0	26
34	Relationship between Atrial Tissue Remodeling and ECG Features in Atrial Fibrillation. <i>Current Medical Science</i> , 2019, 39, 541-545.	1.8	1
35	Role of adipokine zinc- $\alpha$ -glycoprotein in coronary heart disease. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E1055-E1062.	3.5	7
36	Glycated Insulin Exacerbates the Cytotoxicity of Human Islet Amyloid Polypeptides: a Vicious Cycle in Type 2 Diabetes. <i>ACS Chemical Biology</i> , 2019, 14, 486-496.	3.4	21

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37	Rational Design of Hybrid Peptides: A Novel Drug Design Approach. <i>Current Medical Science</i> , 2019, 39, 349-355.	1.8	26
38	Inhibition of PARP1 Increases IRF-dependent Gene Transcription in Jurkat Cells. <i>Current Medical Science</i> , 2019, 39, 356-362.	1.8	6
39	Autophagy in regulatory T cells: A double-edged sword in disease settings. <i>Molecular Immunology</i> , 2019, 109, 43-50.	2.2	16
40	Clinical Applications of Virus-like Particles: Opportunities and Challenges. <i>Current Protein and Peptide Science</i> , 2019, 20, 488-489.	1.4	3
41	Efficacy and safety of iron supplementation in patients with heart failure and iron deficiency: a meta-analysis. <i>British Journal of Nutrition</i> , 2019, 121, 841-848.	2.3	11
42	Oleic Acid Protects against Hepatic Ischemia and Reperfusion Injury in Mice by Inhibiting AKT/mTOR Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-18.	4.0	8
43	Salvation of the fallen angel: Reactivating mutant p53. <i>British Journal of Pharmacology</i> , 2019, 176, 817-831.	5.4	21
44	Targeting mitosis exit: A brake for cancer cell proliferation. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2019, 1871, 179-191.	7.4	42
45	Histone demethylase UTX is a therapeutic target for diabetic kidney disease. <i>Journal of Physiology</i> , 2019, 597, 1643-1660.	2.9	46
46	Green synthesis of fluorescent carbon dots from Hongcaitai for selective detection of hypochlorite and mercuric ions and cell imaging. <i>Sensors and Actuators B: Chemical</i> , 2018, 263, 426-435.	7.8	107
47	Interaction between amyloidogenic proteins and biomembranes in protein misfolding diseases: Mechanisms, contributors, and therapy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 1876-1888.	2.6	20
48	Highly fluorescent carbon dots synthesized with binary dopants for $\text{Ca}^{2+}$ and $\text{pH}$ sensing and cell imaging. <i>Sensors and Actuators B: Chemical</i> , 2018, 268, 84-92.	7.8	27
49	Enoyl coenzyme A hydratase 1 protects against high-fat-diet-induced hepatic steatosis and insulin resistance. <i>Biochemical and Biophysical Research Communications</i> , 2018, 499, 403-409.	2.1	21
50	Exome-wide analyses identify low-frequency variant in CYP26B1 and additional coding variants associated with esophageal squamous cell carcinoma. <i>Nature Genetics</i> , 2018, 50, 338-343.	21.4	75
51	Persistent Extracellular Signal-Regulated Kinase Activation by the Histamine H4 Receptor in Spinal Neurons Underlies Chronic Itch. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1843-1850.	0.7	12
52	Histone methyltransferase G9a modulates hepatic insulin signaling via regulating HMGA1. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 338-346.	3.8	25
53	<i>Caenorhabditis elegans</i> as a model system for target identification and drug screening against neurodegenerative diseases. <i>European Journal of Pharmacology</i> , 2018, 819, 169-180.	3.5	63
54	C-terminal truncation exacerbates the aggregation and cytotoxicity of $\text{A}\beta$ -Synuclein: A vicious cycle in Parkinson's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3714-3725.	3.8	49

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55	Inhibition of kinesin family member 20B sensitizes hepatocellular carcinoma cell to microtubule-targeting agents by blocking cytokinesis. <i>Cancer Science</i> , 2018, 109, 3450-3460.	3.9	21
56	Exome-wide analysis identifies three low-frequency missense variants associated with pancreatic cancer risk in Chinese populations. <i>Nature Communications</i> , 2018, 9, 3688.	12.8	32
57	Lung Cancer Therapy Targeting Histone Methylation: Opportunities and Challenges. <i>Computational and Structural Biotechnology Journal</i> , 2018, 16, 211-223.	4.1	52
58	Menadione sodium bisulfite inhibits the toxic aggregation of amyloid- $\beta$ (1-42). <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2226-2235.	2.4	19
59	A Rare Missense Variant in TCF7L2 Associates with Colorectal Cancer Risk by Interacting with a GWAS-Identified Regulatory Variant in the MYC Enhancer. <i>Cancer Research</i> , 2018, 78, 5164-5172.	0.9	54
60	Reducing protein regulator of cytokinesis 1 as a prospective therapy for hepatocellular carcinoma. <i>Cell Death and Disease</i> , 2018, 9, 534.	6.3	48
61	A new way to regulate inflammation: selective autophagic degradation of IKK $\beta$ mediated by ANGPTL8. <i>Cell Stress</i> , 2018, 2, 66-68.	3.2	13
62	Histone HIST1H1C/H1.2 regulates autophagy in the development of diabetic retinopathy. <i>Autophagy</i> , 2017, 13, 941-954.	9.1	72
63	HMGB1, an innate alarmin, plays a critical role in chronic inflammation of adipose tissue in obesity. <i>Molecular and Cellular Endocrinology</i> , 2017, 454, 103-111.	3.2	68
64	Exogenous cathepsin V protein protects human cardiomyocytes HCM from angiotensin II-Induced hypertrophy. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 89, 6-15.	2.8	4
65	Macrophages Regulate Unilateral Ureteral Obstruction-Induced Renal Lymphangiogenesis through C-C Motif Chemokine Receptor 2-Dependent Phosphatidylinositol 3-Kinase-AKT-Mechanistic Target of Rapamycin Signaling and Hypoxia-Inducible Factor-1 $\alpha$ /Vascular Endothelial Growth Factor-C Expression. <i>American Journal of Pathology</i> , 2017, 187, 1736-1749.	3.8	32
66	ELABELA and an ELABELA Fragment Protect against AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 2694-2707.	6.1	101
67	Glyceraldehyde-3-phosphate dehydrogenase promotes liver tumorigenesis by modulating phosphoglycerate dehydrogenase. <i>Hepatology</i> , 2017, 66, 631-645.	7.3	70
68	PARP1-mediated PPAR $\alpha$ poly(ADP-ribosyl)ation suppresses fatty acid oxidation in non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2017, 66, 962-977.	3.7	71
69	MacroH2A1.1 cooperates with EZH2 to promote adipogenesis by regulating Wnt signaling. <i>Journal of Molecular Cell Biology</i> , 2017, 9, 325-337.	3.3	33
70	The LPS-inducible lncRNA Mirt2 is a negative regulator of inflammation. <i>Nature Communications</i> , 2017, 8, 2049.	12.8	218
71	ANGPTL8 negatively regulates NF- $\kappa$ B activation by facilitating selective autophagic degradation of IKK $\beta$ . <i>Nature Communications</i> , 2017, 8, 2164.	12.8	89
72	A functional variant in GREM1 confers risk for colorectal cancer by disrupting a hsa-miR-185-3p binding site. <i>Oncotarget</i> , 2017, 8, 61318-61326.	1.8	20

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73	BRCA1 missense polymorphisms are associated with poor prognosis of pancreatic cancer patients in a Chinese population. <i>Oncotarget</i> , 2017, 8, 36033-36039.	1.8	21
74	Peptide-Drug Conjugate: A Novel Drug Design Approach. <i>Current Medicinal Chemistry</i> , 2017, 24, 3373-3396.	2.4	80
75	Effects of Apelin Peptides on Diabetic Complications. <i>Current Protein and Peptide Science</i> , 2017, 19, 179-189.	1.4	15
76	Renalase as a Novel Biomarker for Evaluating the Severity of Hepatic Ischemia-Reperfusion Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-11.	4.0	14
77	Intramyocardial Injection of siRNAs Can Efficiently Establish Myocardial Tissue-Specific Renalase Knockdown Mouse Model. <i>BioMed Research International</i> , 2016, 2016, 1-7.	1.9	3
78	Nrx2a Is Expressed in Atherosclerotic Plaques and Attenuates Development of Atherosclerosis in Apolipoprotein E-Deficient Mice. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	8
79	Isoliquiritigenin and liquiritin from <i>Glycyrrhiza uralensis</i> inhibit $\beta$ -synuclein amyloid formation. <i>RSC Advances</i> , 2016, 6, 86640-86649.	3.6	14
80	An injectable silk sericin hydrogel promotes cardiac functional recovery after ischemic myocardial infarction. <i>Acta Biomaterialia</i> , 2016, 41, 210-223.	8.3	121
81	Bisphenol analogues differently affect human islet polypeptide amyloid formation. <i>RSC Advances</i> , 2016, 6, 7239-7248.	3.6	8
82	How the imidazole ring modulates amyloid formation of islet amyloid polypeptide: A chemical modification study. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 719-726.	2.4	11
83	Restoration of Opa1-long isoform inhibits retinal injury-induced neurodegeneration. <i>Journal of Molecular Medicine</i> , 2016, 94, 335-346.	3.9	36
84	Inhibition effects of tanshinone on the aggregation of $\beta$ -synuclein. <i>Food and Function</i> , 2016, 7, 409-416.	4.6	44
85	TES inhibits colorectal cancer progression through activation of p38. <i>Oncotarget</i> , 2016, 7, 45819-45836.	1.8	16
86	Inhibitory effects of magnolol and honokiol on human calcitonin aggregation. <i>Scientific Reports</i> , 2015, 5, 13556.	3.3	46
87	A Silk Sericin/Silicone Nerve Guidance Conduit Promotes Regeneration of a Transected Sciatic Nerve. <i>Advanced Healthcare Materials</i> , 2015, 4, 2195-2205.	7.6	69
88	Novel Role for Caspase-Activated DNase in the Regulation of Pathological Cardiac Hypertrophy. <i>Hypertension</i> , 2015, 65, 871-881.	2.7	30
89	Diethylpyrocarbonate modification reveals HisB5 as an important modulator of insulin amyloid formation. <i>Journal of Biochemistry</i> , 2015, 157, 45-51.	1.7	4
90	Histone acetyltransferase PCAF regulates inflammatory molecules in the development of renal injury. <i>Epigenetics</i> , 2015, 10, 62-71.	2.7	79

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91	Renalase is a novel target gene of hypoxia-inducible factor-1 in protection against cardiac ischaemiaâ€“reperfusion injury. <i>Cardiovascular Research</i> , 2015, 105, 182-191.	3.8	45
92	Inhibitory effect of leonurine on the formation of advanced glycation end products. <i>Food and Function</i> , 2015, 6, 584-589.	4.6	14
93	How our bodies fight amyloidosis: Effects of physiological factors on pathogenic aggregation of amyloidogenic proteins. <i>Archives of Biochemistry and Biophysics</i> , 2015, 568, 46-55.	3.0	31
94	Overexpression of glyceraldehyde 3â€“phosphate dehydrogenase prevents neurovascular degeneration after retinal injury. <i>FASEB Journal</i> , 2015, 29, 2749-2758.	0.5	26
95	Apelin protects against acute renal injury by inhibiting TGF-Î²1. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1278-1287.	3.8	72
96	Effect of single nucleotide polymorphism in thrombin-activatable fibrinolysis inhibitor on the risk of diabetic macrovascular disease. <i>Blood Coagulation and Fibrinolysis</i> , 2015, 26, 185-190.	1.0	1
97	Preparation, characterization and application of N-methylene phosphonic acid chitosan grafted magnesiaâ€“zirconia stationary phase. <i>Analytica Chimica Acta</i> , 2015, 854, 191-201.	5.4	9
98	Amyloidogenicity of p53: A Hidden Link Between Protein Misfolding and Cancer. <i>Current Protein and Peptide Science</i> , 2015, 16, 135-146.	1.4	32
99	Amyloidogenicity of p53: a hidden link between protein misfolding and cancer. <i>Current Protein and Peptide Science</i> , 2015, 16, 135-46.	1.4	8
100	Lithium Chloride Suppresses Colorectal Cancer Cell Survival and Proliferation through ROS/GSK-3Î²/NF-ÎºB Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-8.	4.0	71
101	Apelin inhibits the development of diabetic nephropathy by regulating histone acetylation in Akita mouse. <i>Journal of Physiology</i> , 2014, 592, 505-521.	2.9	70
102	GLP-1R agonists therapy for type 2 diabetes. <i>Wuhan University Journal of Natural Sciences</i> , 2014, 19, 27-33.	0.4	1
103	MPHOSPH1: A Potential Therapeutic Target for Hepatocellular Carcinoma. <i>Cancer Research</i> , 2014, 74, 6623-6634.	0.9	45
104	Effects of several quinones on insulin aggregation. <i>Scientific Reports</i> , 2014, 4, 5648.	3.3	118
105	GLP-1(28-36)amide, a Long Ignored Peptide Revisited. <i>The Open Biochemistry Journal</i> , 2014, 8, 107-111.	0.5	7
106	Amyloidogenicity of p53: A Hidden Link Between Protein Misfolding and Cancer. <i>Current Protein and Peptide Science</i> , 2014, , .	1.4	1
107	The effect of exposing a critical hydrophobic patch on amyloidogenicity and fibril structure of insulin. <i>Biochemical and Biophysical Research Communications</i> , 2013, 440, 56-61.	2.1	17
108	Effect of Liraglutide on endoplasmic reticulum stress in diabetes. <i>Biochemical and Biophysical Research Communications</i> , 2013, 441, 133-138.	2.1	23

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109	Proanthocyanidins are the major anti-diabetic components of cinnamon water extract. <i>Food and Chemical Toxicology</i> , 2013, 56, 398-405.	3.6	60
110	Salvianolic acid B inhibits the amyloid formation of human islet amyloid polypeptide and protects pancreatic beta cells against cytotoxicity. <i>Proteins: Structure, Function and Bioinformatics</i> , 2013, 81, 613-621.	2.6	47
111	Inhibiting toxic aggregation of amyloidogenic proteins: A therapeutic strategy for protein misfolding diseases. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4860-4871.	2.4	181
112	Oncogenic role of kinesin proteins and targeting kinesin therapy. <i>Cancer Science</i> , 2013, 104, 651-656.	3.9	110
113	Disulfide bonds in amyloidogenesis diseases related proteins. <i>Proteins: Structure, Function and Bioinformatics</i> , 2013, 81, 1862-1873.	2.6	56
114	Bisphenol A Accelerates Toxic Amyloid Formation of Human Islet Amyloid Polypeptide: A Possible Link between Bisphenol A Exposure and Type 2 Diabetes. <i>PLoS ONE</i> , 2013, 8, e54198.	2.5	65
115	Identification of Poly(ADP-Ribose) Polymerase-1 as a Cell Cycle Regulator through Modulating Sp1 Mediated Transcription in Human Hepatoma Cells. <i>PLoS ONE</i> , 2013, 8, e82872.	2.5	25
116	Accumulation of endoplasmic reticulum stress and lipogenesis in the liver through generational effects of high fat diets. <i>Journal of Hepatology</i> , 2012, 56, 900-907.	3.7	143
117	Silibinin inhibits the toxic aggregation of human islet amyloid polypeptide. <i>Biochemical and Biophysical Research Communications</i> , 2012, 419, 495-499.	2.1	100
118	Dissecting the role of disulfide bonds on the amyloid formation of insulin. <i>Biochemical and Biophysical Research Communications</i> , 2012, 423, 373-378.	2.1	43
119	Elevated histone acetylations in M $\phi$ cell contribute to inflammation: A novel inhibitory effect of minocycline. <i>Glia</i> , 2012, 60, 1896-1905.	4.9	38
120	Endoplasmic Reticulum Stress in Retinal Vascular Degeneration: Protective Role of Resveratrol. , 2012, 53, 3241.		77
121	A new oncolytic adenoviral vector carrying dual tumour suppressor genes shows potent anti-tumour effect. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 1298-1309.	3.6	25
122	Apelin alleviates diabetes-associated endoplasmic reticulum stress in the pancreas of Akita mice. <i>Peptides</i> , 2011, 32, 1634-1639.	2.4	69
123	Coffee Components Inhibit Amyloid Formation of Human Islet Amyloid Polypeptide in Vitro: Possible Link between Coffee Consumption and Diabetes Mellitus. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 13147-13155.	5.2	117
124	Porcine islet amyloid polypeptide fragments are refractory to amyloid formation. <i>FEBS Letters</i> , 2011, 585, 71-77.	2.8	40
125	Curcumin Inhibits Neuronal and Vascular Degeneration in Retina after Ischemia and Reperfusion Injury. <i>PLoS ONE</i> , 2011, 6, e23194.	2.5	80
126	Supramolecular Protein Engineering. <i>Journal of Biological Chemistry</i> , 2010, 285, 11755-11759.	3.4	28



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127	The Structure of a Mutant Insulin Uncouples Receptor Binding from Protein Allostery. <i>Journal of Biological Chemistry</i> , 2008, 283, 21198-21210.	3.4	22
128	Salicylate-Based Anti-Inflammatory Drugs Inhibit the Early Lesion of Diabetic Retinopathy. <i>Diabetes</i> , 2007, 56, 337-345.	0.6	168
129	The A-chain of Insulin Contacts the Insert Domain of the Insulin Receptor. <i>Journal of Biological Chemistry</i> , 2007, 282, 35337-35349.	3.4	43
130	Structure-Specific Effects of Protein Topology on Cross- $\beta^2$ Assembly: $\beta^2$ Studies of Insulin Fibrillation. <i>Biochemistry</i> , 2006, 45, 10278-10293.	2.5	75
131	Proinsulin Is Refractory to Protein Fibrillation. <i>Journal of Biological Chemistry</i> , 2005, 280, 42345-42355.	3.4	46
132	Diabetes-Associated Mutations in Human Insulin: $\beta^2$ Crystal Structure and Photo-Cross-Linking Studies of A-Chain Variant Insulin Wakayama. <i>Biochemistry</i> , 2005, 44, 5000-5016.	2.5	47
133	How Insulin Binds: the B-Chain $\beta^2$ -Helix Contacts the L1 $\beta^2$ -Helix of the Insulin Receptor. <i>Journal of Molecular Biology</i> , 2004, 341, 529-550.	4.2	74
134	Biological Actions, Implications, and Cautions of Statins Therapy in COVID-19. <i>Frontiers in Nutrition</i> , 0, 9, ..	3.7	5