

# Che-Kun James Shen

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

5,501  
citations

567281

15  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

14596  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Co-regulation of mRNA translation by TDP-43 and Fragile X Syndrome protein FMRP. <i>Acta Neuropathologica</i> , 2016, 132, 721-738.	7.7	83
3	Metabolism and mis-metabolism of the neuropathological signature protein TDP-43. <i>Journal of Cell Science</i> , 2014, 127, 3024-38.	2.0	78
4	Structural analysis of disease-related TDP-43 D169G mutation: linking enhanced stability and caspase cleavage efficiency to protein accumulation. <i>Scientific Reports</i> , 2016, 6, 21581.	3.3	70
5	TDP-43 Regulates Coupled Dendritic mRNA Transport-Translation Processes in Co-operation with FMRP and Staufen1. <i>Cell Reports</i> , 2019, 29, 3118-3133.e6.	6.4	63
6	Transcriptional Repression by Drosophila Methyl-CpG-Binding Proteins. <i>Molecular and Cellular Biology</i> , 2000, 20, 7401-7409.	2.3	58
7	H3K9 Histone Methyltransferase, KMT1E/SETDB1, Cooperates with the SMAD2/3 Pathway to Suppress Lung Cancer Metastasis. <i>Cancer Research</i> , 2014, 74, 7333-7343.	0.9	58
8	A placental growth factor is silenced in mouse embryos by the zinc finger protein ZFP568. <i>Science</i> , 2017, 356, 757-759.	12.6	52
9	Transcriptomopathies of pre- and post-symptomatic frontotemporal dementia-like mice with TDP-43 depletion in forebrain neurons. <i>Acta Neuropathologica Communications</i> , 2019, 7, 50.	5.2	46
10	Therapeutic effect of berberine on TDP-43-related pathogenesis in FTLD and ALS. <i>Journal of Biomedical Science</i> , 2016, 23, 72.	7.0	45
11	A robust TDP-43 knock-in mouse model of ALS. <i>Acta Neuropathologica Communications</i> , 2020, 8, 3.	5.2	43
12	Znf179 E3 ligase-mediated TDP-43 polyubiquitination is involved in TDP-43- ubiquitinated inclusions (UBI) (+)-related neurodegenerative pathology. <i>Journal of Biomedical Science</i> , 2018, 25, 76.	7.0	33
13	Pharmacological Induction of Human Fetal Globin Gene in Hydroxyurea-Resistant Primary Adult Erythroid Cells. <i>Molecular and Cellular Biology</i> , 2015, 35, 2541-2553.	2.3	29
14	RNA Modifications and RNA Metabolism in Neurological Disease Pathogenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11870.	4.1	26
15	TDP-43 facilitates milk lipid secretion by post-transcriptional regulation of Btn1a1 and Xdh. <i>Nature Communications</i> , 2020, 11, 341.	12.8	23
16	Cytosolic calcium regulates cytoplasmic accumulation of TDP-43 through Calpain-A and Importin $\beta$ 3. <i>ELife</i> , 2020, 9, .	6.0	17
17	Tight Regulation of a Timed Nuclear Import Wave of EKLf by PKC $\delta$ and FOE during Pro-E to Baso-E Transition. <i>Developmental Cell</i> , 2014, 28, 409-422.	7.0	14
18	Targeted Disruption in Mice of a Neural Stem Cell-Maintaining, KRAB-Zn Finger-Encoding Gene That Has Rapidly Evolved in the Human Lineage. <i>PLoS ONE</i> , 2012, 7, e47481.	2.5	11

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19	Epigenetic Enhancement of the Post-replicative DNA Mismatch Repair of Mammalian Genomes by a Hemi-mCpG-Np95-Dnmt1 Axis. <i>Scientific Reports</i> , 2016, 6, 37490.	3.3	11
20	Activation of a hippocampal CREB-pCREB-miRNA-MEF2 axis modulates individual variation of spatial learning and memory capability. <i>Cell Reports</i> , 2021, 36, 109477.	6.4	10
21	DNA Demethylation by DNMT3A and DNMT3B in vitro and of Methylated Episomal DNA in Transiently Transfected Cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2018, 1861, 1048-1061.	1.9	6
22	TDP-43 is Required for Mammary Gland Repopulation and Proliferation of Mammary Epithelial Cells. <i>Stem Cells and Development</i> , 2019, 28, 944-953.	2.1	6
23	Negative Regulation of the Differentiation of Flk2 <sup>hi</sup> CD34 <sup>hi</sup> LSK Hematopoietic Stem Cells by EKLF/KLF1. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8448.	4.1	6
24	Potent and orally active purine-based fetal hemoglobin inducers for treating $\beta^2$ -thalassemia and sickle cell disease. <i>European Journal of Medicinal Chemistry</i> , 2021, 209, 112938.	5.5	4
25	Cabozantinib promotes erythroid differentiation in K562 erythroleukemia cells through global changes in gene expression and JNK activation. <i>Cancer Gene Therapy</i> , 2022, 29, 784-792.	4.6	4
26	A Positive Regulatory Feedback Loop between EKLF/KLF1 and TAL1/SCL Sustaining the Erythropoiesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8024.	4.1	3