

# Yue Feng

## List of Publications by Year in descending order

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78  
papers

6,657  
citations

81743

39  
h-index

71532

76  
g-index

78  
all docs

78  
docs citations

78  
times ranked

7988  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microarray Identification of FMRP-Associated Brain mRNAs and Altered mRNA Translational Profiles in Fragile X Syndrome. <i>Cell</i> , 2001, 107, 477-487.	13.5	1,033
2	Distinct Role of Long 3' UTR BDNF mRNA in Spine Morphology and Synaptic Plasticity in Hippocampal Neurons. <i>Cell</i> , 2008, 134, 175-187.	13.5	604
3	Fragile X Mental Retardation Protein: Nucleocytoplasmic Shuttling and Association with Somatodendritic Ribosomes. <i>Journal of Neuroscience</i> , 1997, 17, 1539-1547.	1.7	492
4	FMRP Associates with Polyribosomes as an mRNP, and the I304N Mutation of Severe Fragile X Syndrome Abolishes This Association. <i>Molecular Cell</i> , 1997, 1, 109-118.	4.5	464
5	Pur FMRP Binds to rCGG Repeats and Modulates Repeat-Mediated Neurodegeneration in a Drosophila Model of Fragile X Tremor/Ataxia Syndrome. <i>Neuron</i> , 2007, 55, 556-564.	3.8	294
6	The fragile X protein controls microtubule-associated protein 1B translation and microtubule stability in brain neuron development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 15201-15206.	3.3	284
7	Distinct 3' UTRs differentially regulate activity-dependent translation of brain-derived neurotrophic factor (BDNF). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15945-15950.	3.3	214
8	IL-18 cleavage triggers cardiac inflammation and fibrosis upon $\beta_2$ -adrenergic insult. <i>European Heart Journal</i> , 2018, 39, 60-69.	1.0	210
9	Cell type-restricted activity of hnRNPM promotes breast cancer metastasis via regulating alternative splicing. <i>Genes and Development</i> , 2014, 28, 1191-1203.	2.7	193
10	RGS14 is a natural suppressor of both synaptic plasticity in CA2 neurons and hippocampal-based learning and memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16994-16998.	3.3	172
11	Purified Recombinant Fmrp Exhibits Selective RNA Binding as an Intrinsic Property of the Fragile X Mental Retardation Protein. <i>Journal of Biological Chemistry</i> , 1998, 273, 15521-15527.	1.6	148
12	Destabilization and Mislocalization of Myelin Basic Protein mRNAs in Quaking Dysmyelination Lacking the QKI RNA-Binding Proteins. <i>Journal of Neuroscience</i> , 2000, 20, 4944-4953.	1.7	141
13	Mutant Huntingtin Downregulates Myelin Regulatory Factor-Mediated Myelin Gene Expression and Affects Mature Oligodendrocytes. <i>Neuron</i> , 2015, 85, 1212-1226.	3.8	138
14	RNA-Binding Protein Quaking, a Critical Regulator of Colon Epithelial Differentiation and a Suppressor of Colon Cancer. <i>Gastroenterology</i> , 2010, 138, 231-240.e5.	0.6	111
15	Developmentally-programmed FMRP expression in oligodendrocytes: a potential role of FMRP in regulating translation in oligodendroglia progenitors. <i>Human Molecular Genetics</i> , 2003, 13, 79-89.	1.4	96
16	Netrin-1 mediates neuronal survival through PIKE-L interaction with the dependence receptor UNC5B. <i>Nature Cell Biology</i> , 2008, 10, 698-706.	4.6	94
17	Mutation of the conserved polyadenosine RNA binding protein, ZC3H14/dNab2, impairs neural function in <i>Drosophila</i> and humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12390-12395.	3.3	77
18	Developmental Abnormalities of Myelin Basic Protein Expression in <i>fyn</i> Knock-out Brain Reveal a Role of <i>Fyn</i> in Posttranscriptional Regulation. <i>Journal of Biological Chemistry</i> , 2005, 280, 389-395.	1.6	74

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19	Fragile X Protein Functions with Lgl and the PAR Complex in Flies and Mice. <i>Developmental Cell</i> , 2005, 8, 43-52.	3.1	73
20	Molecular Probes for Imaging Myelinated White Matter in CNS. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 6682-6688.	2.9	69
21	Direct determination of molecular haplotypes by chromosome microdissection. <i>Nature Methods</i> , 2010, 7, 299-301.	9.0	66
22	Tyrosine phosphorylation of QKI mediates developmental signals to regulate mRNA metabolism. <i>EMBO Journal</i> , 2003, 22, 1801-1810.	3.5	65
23	QKI Binds MAP1B mRNA and Enhances MAP1B Expression during Oligodendrocyte Development. <i>Molecular Biology of the Cell</i> , 2006, 17, 4179-4186.	0.9	64
24	Quaking I controls a unique cytoplasmic pathway that regulates alternative splicing of myelin-associated glycoprotein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19061-19066.	3.3	64
25	HuD Promotes BDNF Expression in Brain Neurons via Selective Stabilization of the BDNF Long 3'UTR mRNA. <i>PLoS ONE</i> , 2013, 8, e55718.	1.1	62
26	Quantitative Analysis of the Detergent-Insoluble Brain Proteome in Frontotemporal Lobar Degeneration Using SILAC Internal Standards. <i>Journal of Proteome Research</i> , 2012, 11, 2721-2738.	1.8	61
27	A Novel Fluorescent Probe That Is Brain Permeable and Selectively Binds to Myelin. <i>Journal of Histochemistry and Cytochemistry</i> , 2006, 54, 997-1004.	1.3	60
28	Proteomic identification of novel targets regulated by the mammalian target of rapamycin pathway during oligodendrocyte differentiation. <i>Glia</i> , 2011, 59, 1754-1769.	2.5	60
29	Neuron Enriched Nuclear Proteome Isolated from Human Brain. <i>Journal of Proteome Research</i> , 2013, 12, 3193-3206.	1.8	60
30	Dynamic Association of the Fragile X Mental Retardation Protein as a Messenger Ribonucleoprotein between Microtubules and Polyribosomes. <i>Molecular Biology of the Cell</i> , 2008, 19, 105-114.	0.9	54
31	Oligodendroglia and neurotrophic factors in neurodegeneration. <i>Neuroscience Bulletin</i> , 2013, 29, 216-228.	1.5	53
32	The Selective RNA-binding Protein Quaking I (QKI) Is Necessary and Sufficient for Promoting Oligodendroglia Differentiation. <i>Journal of Biological Chemistry</i> , 2007, 282, 23553-23560.	1.6	51
33	Enhanced expression of ADCY1 underlies aberrant neuronal signalling and behaviour in a syndromic autism model. <i>Nature Communications</i> , 2017, 8, 14359.	5.8	51
34	Convergence and Divergence in the Etiology of Myelin Impairment in Psychiatric Disorders and Drug Addiction. <i>Neurochemical Research</i> , 2008, 33, 1940-1949.	1.6	46
35	Rescuing qkv Dysmyelination by a Single Isoform of the Selective RNA-Binding Protein QKI. <i>Journal of Neuroscience</i> , 2006, 26, 11278-11286.	1.7	45
36	MicroRNAs in neural cell development and brain diseases. <i>Science China Life Sciences</i> , 2011, 54, 1103-1112.	2.3	45

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37	Retinoic Acid Is a Cofactor for Translational Regulation of Vascular Endothelial Growth Factor in Human Endometrial Stromal Cells. <i>Molecular Endocrinology</i> , 2010, 24, 148-160.	3.7	43
38	The QKI-PLP pathway controls SIRT2 abundance in CNS myelin. <i>Glia</i> , 2012, 60, 69-82.	2.5	43
39	hnRNP-Q1 represses nascent axon growth in cortical neurons by inhibiting <i>Gap-43</i> mRNA translation. <i>Molecular Biology of the Cell</i> , 2016, 27, 518-534.	0.9	41
40	Post-transcriptional Regulation of Programmed Cell Death 4 (PDCD4) mRNA by the RNA-binding Proteins Human Antigen R (HuR) and T-cell Intracellular Antigen 1 (TIA1). <i>Journal of Biological Chemistry</i> , 2015, 290, 3468-3487.	1.6	40
41	The inhibition of Cdk5 activity after hypoxia/ischemia injury reduces infarct size and promotes functional recovery in neonatal rats. <i>Neuroscience</i> , 2015, 290, 552-560.	1.1	35
42	The quaking viable mutation affects <i>qkl</i> mRNA expression specifically in myelin-producing cells of the nervous system. <i>Nucleic Acids Research</i> , 2003, 31, 4616-4624.	6.5	33
43	Essential function, sophisticated regulation and pathological impact of the selective RNA-binding protein QKI in CNS myelin development. <i>Future Neurology</i> , 2008, 3, 655-668.	0.9	33
44	Two-Site Antibody Immunoanalytical Detection of Food Allergens by Surface Plasmon Resonance. <i>Food Analytical Methods</i> , 2016, 9, 582-588.	1.3	32
45	p39 Is Responsible for Increasing Cdk5 Activity during Postnatal Neuron Differentiation and Governs Neuronal Network Formation and Epileptic Responses. <i>Journal of Neuroscience</i> , 2016, 36, 11283-11294.	1.7	27
46	The Star Family Member. <i>Advances in Experimental Medicine and Biology</i> , 2010, , 25-36.	0.8	27
47	Coordination of Engineered Factors with TET1/2 Promotes Early-Stage Epigenetic Modification during Somatic Cell Reprogramming. <i>Stem Cell Reports</i> , 2014, 2, 253-261.	2.3	25
48	Distinct molecular mechanisms lead to diminished myelin basic protein and 2',3'-cyclic nucleotide 3'-phosphodiesterase in <i>qkv</i> dysmyelination. <i>Journal of Neurochemistry</i> , 2001, 77, 165-172.	2.1	23
49	Translational regulation of <i>Glur2</i> mRNAs in rat hippocampus by alternative 3' UTR untranslated regions. <i>Journal of Neurochemistry</i> , 2009, 109, 584-594.	2.1	22
50	A cytoplasmic quaking I isoform regulates the hnRNP F/H-dependent alternative splicing pathway in myelinating glia. <i>Nucleic Acids Research</i> , 2014, 42, 7319-7329.	6.5	21
51	Impairment of Oligodendroglia Maturation Leads to Aberrantly Increased Cortical Glutamate and Anxiety-Like Behaviors in Juvenile Mice. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 467.	1.8	21
52	Novel schizophrenia risk factor pathways regulate FEZ1 to advance oligodendroglia development. <i>Translational Psychiatry</i> , 2017, 7, 1293.	2.4	20
53	Characterization of binding interactions between selected phenylpropanoid glycosides and trypsin. <i>Food Chemistry</i> , 2018, 243, 118-124.	4.2	20
54	An Autism-Related, Nonsense <i>Foxp1</i> Mutant Induces Autophagy and Delays Radial Migration of the Cortical Neurons. <i>Cerebral Cortex</i> , 2019, 29, 3193-3208.	1.6	17

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55	Acteoside and Acyl-Migrated Acteoside, Compounds in Chinese Kudingcha Tea, Inhibit Î±-Amylase <i>In Vitro</i>. <i>Journal of Medicinal Food</i> , 2017, 20, 577-585.	0.8	16
56	Spontaneous Local Calcium Transients Regulate Oligodendrocyte Development in Culture through Store-Operated Ca <sup>2+</sup> Entry and Release. <i>ENeuro</i> , 2020, 7, ENEURO.0347-19.2020.	0.9	16
57	Iron Chelators and Hypoxia Mimetics Inhibit IFNÎ³-Mediated Jak-STAT Signaling. <i>Journal of Investigative Dermatology</i> , 2009, 129, 723-729.	0.3	15
58	Transcriptome signature analysis repurposes trifluoperazine for the treatment of fragile X syndrome in mouse model. <i>Communications Biology</i> , 2020, 3, 127.	2.0	15
59	The star family member QKI and cell signaling. <i>Advances in Experimental Medicine and Biology</i> , 2010, 693, 25-36.	0.8	15
60	Microtubule stability and MAP1B upregulation control neuritogenesis in CAD cells. <i>Acta Pharmacologica Sinica</i> , 2006, 27, 1119-1126.	2.8	14
61	p39, the Primary Activator for Cyclin-dependent Kinase 5 (Cdk5) in Oligodendroglia, Is Essential for Oligodendroglia Differentiation and Myelin Repair. <i>Journal of Biological Chemistry</i> , 2013, 288, 18047-18057.	1.6	14
62	TheRpe65rd12Allele Exerts a Semidominant Negative Effect on Vision in Mice. , 2014, 55, 2500.		14
63	Expression of Quaking RNA-Binding Protein in the Adult and Developing Mouse Retina. <i>PLoS ONE</i> , 2016, 11, e0156033.	1.1	14
64	Novel roles of an intragenic G-quadruplex in controlling microRNA expression and cardiac function. <i>Nucleic Acids Research</i> , 2021, 49, 2522-2536.	6.5	14
65	Multifaceted Regulation of MicroRNA Biogenesis: Essential Roles and Functional Integration in Neuronal and Glial Development. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6765.	1.8	14
66	Accurate identification of circRNA landscape and complexity reveals their pivotal roles in human oligodendroglia differentiation. <i>Genome Biology</i> , 2022, 23, 48.	3.8	14
67	<i>PIKE</i> is essential for oligodendroglia development and CNS myelination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1993-1998.	3.3	13
68	Inhibitory potential of phenylpropanoid glycosides from <i>Ligustrum purpurascens</i> Kudingcha against Î±-glucosidase and Î±-amylase <i>in Vitro</i>. <i>International Journal of Food Science and Technology</i> , 2015, 50, 2280-2289.	1.3	12
69	The Long Non-Coding RNA GOMAFU in Schizophrenia: Function, Disease Risk, and Beyond. <i>Cells</i> , 2022, 11, 1949.	1.8	9
70	Oligodendroglial Development. <i>Neuroscientist</i> , 2015, 21, 579-588.	2.6	8
71	Vitamin D Status in Children With Short Stature: Accurate Determination of Serum Vitamin D Components Using High-Performance Liquid Chromatographyâ€”Tandem Mass Spectrometry. <i>Frontiers in Endocrinology</i> , 2021, 12, 707283.	1.5	6
72	Carbamazepine Restores Neuronal Signaling, Protein Synthesis, and Cognitive Function in a Mouse Model of Fragile X Syndrome. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9327.	1.8	5

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73	Active Cdk5 Immunoprecipitation and Kinase Assay. Bio-protocol, 2017, 7, .	0.2	5
74	Fragile X mental retardation: Misregulation of protein synthesis in the developing brain?. Microscopy Research and Technique, 2002, 57, 145-147.	1.2	4
75	Oligodendroglial defects during quakingviable cerebellar development. Developmental Neurobiology, 2016, 76, 972-982.	1.5	3
76	Inhibition of Autism-Related Crm1 Disrupts Mitosis and Induces Apoptosis of the Cortical Neural Progenitors. Cerebral Cortex, 2020, 30, 3960-3976.	1.6	3
77	Basolateral amygdala SIRT1/PGC-1 $\beta$ mitochondrial biogenesis pathway mediates morphine withdrawal-associated anxiety in mice. International Journal of Neuropsychopharmacology, 0, , .	1.0	2
78	Distinct molecular mechanisms lead to diminished myelin basic protein and 2 $\alpha$ -,3 $\alpha$ -cyclic nucleotide 3 $\alpha$ -phosphodiesterase in qkv dysmyelination. Journal of Neurochemistry, 2008, 77, 165-172.	2.1	1