Seyed Mehdi Jafarnejad

List of Publications by Year
in descending order

39 papers	1,909 citations	331670 21 h-index	330143 37 g-index
43 all docs	43 docs citations	43 times ranked	3496 citing authors

#	Article	IF	Citations
1	NRF2 Promotes Tumor Maintenance by Modulating mRNA Translation in Pancreatic Cancer. Cell, 2016, 166, 963-976.	28.9	294
2	The Prognostic Value of BRAF Mutation in Colorectal Cancer and Melanoma: A Systematic Review and Meta-Analysis. PLoS ONE, 2012, 7, e47054.	2.5	184
3	The E3 ubiquitin ligase and RNA-binding protein ZNF598 orchestrates ribosome quality control of premature polyadenylated mRNAs. Nature Communications, 2017, 8, 16056.	12.8	179
4	Pharmacogenetic Inhibition of eIF4E-Dependent Mmp9 mRNA Translation Reverses Fragile X Syndrome-like Phenotypes. Cell Reports, 2014, 9, 1742-1755.	6.4	174
5	Metformin ameliorates core deficits in a mouse model of fragile X syndrome. Nature Medicine, 2017, 23, 674-677.	30.7	164
6	Cap-binding protein 4EHP effects translation silencing by microRNAs. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5425-5430.	7.1	93
7	Loss of eIF4E Phosphorylation Engenders Depression-like Behaviors via Selective mRNA Translation. Journal of Neuroscience, 2018, 38, 2118-2133.	3.6	59
8	Prognostic Significance of Sox4 Expression in Human Cutaneous Melanoma and Its Role in Cell Migration and Invasion. American Journal of Pathology, 2010, 177, 2741-2752.	3.8	58
9	Control of embryonic stem cell self-renewal and differentiation via coordinated alternative splicing and translation of YY2. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12360-12367.	7.1	54
10	Translational profiling of dorsal root ganglia and spinal cord in a mouse model of neuropathic pain. Neurobiology of Pain (Cambridge, Mass), 2018, 4, 35-44.	2.5	45
11	Pleiotropic function of SRY-related HMG box transcription factor 4 in regulation of tumorigenesis. Cellular and Molecular Life Sciences, 2013, 70, 2677-2696.	5.4	42
12	Regulation of p53 by ING family members in suppression of tumor initiation and progression. Cancer and Metastasis Reviews, 2012, 31, 55-73.	5.9	41
13	Translational control of ERK signaling through miRNA/4EHP-directed silencing. ELife, 2018, 7, .	6.0	41
14	eIF2Î± phosphorylation controls thermal nociception. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11949-11954.	7.1	37
15	Î²1 integrin, ILK and mTOR regulate collagen synthesis in mechanically loaded tendon cells. Scientific Reports, 2020, 10, 12644.	3.3	37
16	The intricate balance between microRNAâ€induced mRNA decay and translational repression. FEBS Journal, 2023, 290, 2508-2524.	4.7	37
17	Aminoacylation of Proteins: New Targets for the Old ARSenal. Cell Metabolism, 2018, 27, 1-3.	16.2	34
18	Translational control of nociception via 4E-binding protein 1. ELife, 2015, 4, .	6.0	34

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19	Expression of the RNase III enzyme DROSHA is reduced during progression of human cutaneous melanoma. Modern Pathology, 2013, 26, 902-910.	5.5	30
20	Mitochondrial Threonyl-tRNA Synthetase TARS2 Is Required for Threonine-Sensitive mTORC1 Activation. Molecular Cell, 2021, 81, 398-407.e4.	9.7	29
21	microRNA-mediated translation repression through GYF-1 and IFE-4 in C. elegans development. Nucleic Acids Research, 2021, 49, 4803-4815.	14.5	28
22	JWA inhibits melanoma angiogenesis by suppressing ILK signaling and is an independent prognostic biomarker for melanoma. Carcinogenesis, 2013, 34, 2778-2788.	2.8	26
23	microRNA-induced translational control of antiviral immunity by the cap-binding protein 4EHP. Molecular Cell, 2021, 81, 1187-1199.e5.	9.7	23
24	Active-site mTOR inhibitors augment HSV1-dICP0 infection in cancer cells via dysregulated eIF4E/4E-BP axis. PLoS Pathogens, 2018, 14, e1007264.	4.7	20
25	Alternative Splicing of the Delta-Opioid Receptor Gene Suggests Existence of New Functional Isoforms. Molecular Neurobiology, 2019, 56, 2855-2869.	4.0	20
26	The translational landscape of ground state pluripotency. Nature Communications, 2020, 11, 1617.	12.8	18
27	Tumour suppressor ING1b maintains genomic stability upon replication stress. Nucleic Acids Research, 2011, 39, 3632-3642.	14.5	16
28	Induction of an Alternative mRNA 5â€² Leader Enhances Translation of the Ciliopathy Gene Inpp5e and Resistance to Oncolytic Virus Infection. Cell Reports, 2019, 29, 4010-4023.e5.	6.4	15
29	SPARC/SFN interaction, suppresses type I collagen in dermal fibroblasts. Journal of Cellular Biochemistry, 2012, 113, 2622-2632.	2.6	14
30	Proprotein convertases 1 and 2 (PC1 and PC2) are expressed in neurally differentiated rat bone marrow stromal stem cells (BMSCs). Neuroscience Letters, 2007, 420, 198-203.	2.1	10
31	Application of an Indoleamine 2,3-Dioxygenaseâ€“Expressing Skin Substitute Improves Scar Formation in a Fibrotic Animal Model. Journal of Investigative Dermatology, 2012, 132, 1501-1505.	0.7	10
32	Characterizing Cellular Responses During Oncolytic Maraba Virus Infection. International Journal of Molecular Sciences, 2019, 20, 580.	4.1	10
33	Raptor-Mediated Proteasomal Degradation of Deamidated 4E-BP2 Regulates Postnatal Neuronal Translation and NF-Î³B Activity. Cell Reports, 2019, 29, 3620-3635.e7.	6.4	8
34	Monitoring translation in synaptic fractions using a ribosome profiling strategy. Journal of Neuroscience Methods, 2020, 329, 108456.	2.5	7
35	Uncovering memory-related gene expression in contextual fear conditioning using ribosome profiling. Progress in Neurobiology, 2021, 197, 101903.	5.7	6
36	Multifaceted control of mRNA translation machinery in cancer. Cellular Signalling, 2021, 84, 110037.	3.6	6

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37	The highs and lows of ionizing radiation and its effects on protein synthesis. Cellular Signalling, 2022, 89, 110169.	3.6	4
38	Detection of OCT-4 in Bladder Cancer: Role of Cancer Stem Cell. , 2010, , 211-226.		0
39	Abstract PR03: NRF2 promotes tumor maintenance by modulating mRNA translation in pancreatic cancer. , 2017, , .		0