

# Seyed Mehdi Jafarnejad

## List of Publications by Year in descending order

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Version: 2024-02-01

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	The intricate balance between microRNA-induced mRNA decay and translational repression. <i>FEBS Journal</i> , 2023, 290, 2508-2524.	4.7	37
2	The highs and lows of ionizing radiation and its effects on protein synthesis. <i>Cellular Signalling</i> , 2022, 89, 110169.	3.6	4
3	Uncovering memory-related gene expression in contextual fear conditioning using ribosome profiling. <i>Progress in Neurobiology</i> , 2021, 197, 101903.	5.7	6
4	Mitochondrial Threonyl-tRNA Synthetase TARS2 Is Required for Threonine-Sensitive mTORC1 Activation. <i>Molecular Cell</i> , 2021, 81, 398-407.e4.	9.7	29
5	microRNA-mediated translation repression through GYF-1 and IFE-4 in <i>C. elegans</i> development. <i>Nucleic Acids Research</i> , 2021, 49, 4803-4815.	14.5	28
6	microRNA-induced translational control of antiviral immunity by the cap-binding protein 4EHP. <i>Molecular Cell</i> , 2021, 81, 1187-1199.e5.	9.7	23
7	Multifaceted control of mRNA translation machinery in cancer. <i>Cellular Signalling</i> , 2021, 84, 110037.	3.6	6
8	Monitoring translation in synaptic fractions using a ribosome profiling strategy. <i>Journal of Neuroscience Methods</i> , 2020, 329, 108456.	2.5	7
9	$\beta$ 1 integrin, ILK and mTOR regulate collagen synthesis in mechanically loaded tendon cells. <i>Scientific Reports</i> , 2020, 10, 12644.	3.3	37
10	The translational landscape of ground state pluripotency. <i>Nature Communications</i> , 2020, 11, 1617.	12.8	18
11	Alternative Splicing of the Delta-Opioid Receptor Gene Suggests Existence of New Functional Isoforms. <i>Molecular Neurobiology</i> , 2019, 56, 2855-2869.	4.0	20
12	Characterizing Cellular Responses During Oncolytic Maraba Virus Infection. <i>International Journal of Molecular Sciences</i> , 2019, 20, 580.	4.1	10
13	Raptor-Mediated Proteasomal Degradation of Deamidated 4E-BP2 Regulates Postnatal Neuronal Translation and NF- $\kappa$ B Activity. <i>Cell Reports</i> , 2019, 29, 3620-3635.e7.	6.4	8
14	Induction of an Alternative mRNA 5' Leader Enhances Translation of the Ciliopathy Gene <i>Inpp5e</i> and Resistance to Oncolytic Virus Infection. <i>Cell Reports</i> , 2019, 29, 4010-4023.e5.	6.4	15
15	Loss of eIF4E Phosphorylation Engenders Depression-like Behaviors via Selective mRNA Translation. <i>Journal of Neuroscience</i> , 2018, 38, 2118-2133.	3.6	59
16	Aminoacylation of Proteins: New Targets for the Old ARSenal. <i>Cell Metabolism</i> , 2018, 27, 1-3.	16.2	34
17	Translational profiling of dorsal root ganglia and spinal cord in a mouse model of neuropathic pain. <i>Neurobiology of Pain (Cambridge, Mass )</i> , 2018, 4, 35-44.	2.5	45
18	Translational control of ERK signaling through miRNA/4EHP-directed silencing. <i>ELife</i> , 2018, 7, .	6.0	41

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19	Active-site mTOR inhibitors augment HSV1-dICP0 infection in cancer cells via dysregulated eIF4E/4E-BP axis. <i>PLoS Pathogens</i> , 2018, 14, e1007264.	4.7	20
20	Metformin ameliorates core deficits in a mouse model of fragile X syndrome. <i>Nature Medicine</i> , 2017, 23, 674-677.	30.7	164
21	Cap-binding protein 4EHP effects translation silencing by microRNAs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5425-5430.	7.1	93
22	The E3 ubiquitin ligase and RNA-binding protein ZNF598 orchestrates ribosome quality control of premature polyadenylated mRNAs. <i>Nature Communications</i> , 2017, 8, 16056.	12.8	179
23	Abstract PR03: NRF2 promotes tumor maintenance by modulating mRNA translation in pancreatic cancer. , 2017, , .		0
24	eIF2 $\gamma$ phosphorylation controls thermal nociception. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11949-11954.	7.1	37
25	NRF2 Promotes Tumor Maintenance by Modulating mRNA Translation in Pancreatic Cancer. <i>Cell</i> , 2016, 166, 963-976.	28.9	294
26	Control of embryonic stem cell self-renewal and differentiation via coordinated alternative splicing and translation of YY2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12360-12367.	7.1	54
27	Translational control of nociception via 4E-binding protein 1. <i>ELife</i> , 2015, 4, .	6.0	34
28	Pharmacogenetic Inhibition of eIF4E-Dependent Mmp9 mRNA Translation Reverses Fragile X Syndrome-like Phenotypes. <i>Cell Reports</i> , 2014, 9, 1742-1755.	6.4	174
29	Pleiotropic function of SRY-related HMG box transcription factor 4 in regulation of tumorigenesis. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 2677-2696.	5.4	42
30	JWA inhibits melanoma angiogenesis by suppressing ILK signaling and is an independent prognostic biomarker for melanoma. <i>Carcinogenesis</i> , 2013, 34, 2778-2788.	2.8	26
31	Expression of the RNase III enzyme DROSHA is reduced during progression of human cutaneous melanoma. <i>Modern Pathology</i> , 2013, 26, 902-910.	5.5	30
32	The Prognostic Value of BRAF Mutation in Colorectal Cancer and Melanoma: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2012, 7, e47054.	2.5	184
33	Application of an Indoleamine 2,3-Dioxygenase $\alpha$ -Expressing Skin Substitute Improves Scar Formation in a Fibrotic Animal Model. <i>Journal of Investigative Dermatology</i> , 2012, 132, 1501-1505.	0.7	10
34	SPARC/SFN interaction, suppresses type I collagen in dermal fibroblasts. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 2622-2632.	2.6	14
35	Regulation of p53 by ING family members in suppression of tumor initiation and progression. <i>Cancer and Metastasis Reviews</i> , 2012, 31, 55-73.	5.9	41
36	Tumour suppressor ING1b maintains genomic stability upon replication stress. <i>Nucleic Acids Research</i> , 2011, 39, 3632-3642.	14.5	16

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37	Detection of OCT-4 in Bladder Cancer: Role of Cancer Stem Cell. , 2010, , 211-226.		0
38	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
39	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