

# Rachid El Fatimy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6057660/publications.pdf>

Version: 2024-02-01

26  
papers

3,552  
citations

430442

18  
h-index

580395

25  
g-index

31  
all docs

31  
docs citations

31  
times ranked

7256  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | The TREM2-APOE Pathway Drives the Transcriptional Phenotype of Dysfunctional Microglia in Neurodegenerative Diseases. <i>Immunity</i> , 2017, 47, 566-581.e9.  | 6.6 | 1,741     |
| 2  | Coding and noncoding landscape of extracellular RNA released by human glioma stem cells. <i>Nature Communications</i> , 2017, 8, 1145.   | 5.8 | 384       |
| 3  | Targeting miR-155 restores abnormal microglia and attenuates disease in SOD1 mice. <i>Annals of Neurology</i> , 2015, 77, 75-99.   | 2.8 | 295       |
| 4  | MicroRNA-132 provides neuroprotection for tauopathies via multiple signaling pathways. <i>Acta Neuropathologica</i> , 2018, 136, 537-555.  | 3.9 | 120       |
| 5  | A novel function for the survival motoneuron protein as a translational regulator. <i>Human Molecular Genetics</i> , 2013, 22, 668-684.  | 1.4 | 106       |
| 6  | Roles of Heat Shock Factor 1 in Neuronal Response to Fetal Environmental Risks and Its Relevance to Brain Disorders. <i>Neuron</i> , 2014, 82, 560-572.  | 3.8 | 103       |
| 7  | NAD <sup>+</sup> protects against EAE by regulating CD4 <sup>+</sup> T-cell differentiation. <i>Nature Communications</i> , 2014, 5, 5101.   | 5.8 | 89        |
| 8  | Role of heat-shock factor 2 in cerebral cortex formation and as a regulator of p35 expression. <i>Genes and Development</i> , 2006, 20, 836-847.   | 2.7 | 85        |
| 9  | Tracking the Fragile X Mental Retardation Protein in a Highly Ordered Neuronal RiboNucleoParticles Population: A Link between Stalled Polyribosomes and RNA Granules. <i>PLoS Genetics</i> , 2016, 12, e1006192. | 1.5 | 80        |
| 10 | Genome Editing Reveals Glioblastoma Addiction to MicroRNA-10b. <i>Molecular Therapy</i> , 2017, 25, 368-378.   | 3.7 | 76        |
| 11 | Downregulation of miR-132/212 impairs S-nitrosylation balance and induces tau phosphorylation in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017, 51, 156-166.  | 1.5 | 71        |
| 12 | The Cancer Genome Atlas Analysis Predicts MicroRNA for Targeting Cancer Growth and Vascularization in Glioblastoma. <i>Molecular Therapy</i> , 2015, 23, 1234-1247.  | 3.7 | 62        |
| 13 | Fragile Mental Retardation Protein Interacts with the RNA-Binding Protein Caprin1 in Neuronal RiboNucleoProtein Complexes. <i>PLoS ONE</i> , 2012, 7, e39338.  | 1.1 | 53        |
| 14 | Heat shock factor 2 is a stress-responsive mediator of neuronal migration defects in models of fetal alcohol syndrome. <i>EMBO Molecular Medicine</i> , 2014, 6, 1043-1061.                                      | 3.3 | 42        |
| 15 | UV-Induced Stress Granules in Mammalian Cells. <i>PLoS ONE</i> , 2014, 9, e112742.   | 1.1 | 39        |
| 16 | Nuclear Fragile X Mental Retardation Protein Is localized to Cajal Bodies. <i>PLoS Genetics</i> , 2013, 9, e1003890.   | 1.5 | 38        |
| 17 | Environmental enrichment prevents A $\beta$ oligomer-induced synaptic dysfunction through mirna-132 and hdac3 signaling pathways. <i>Neurobiology of Disease</i> , 2020, 134, 104617.                            | 2.1 | 36        |
| 18 | Glioblastoma-Derived Extracellular Vesicles Facilitate Transformation of Astrocytes via Reprogramming Oncogenic Metabolism. <i>IScience</i> , 2020, 23, 101420.  | 1.9 | 30        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Mast cells regulate CD4+ T-cell differentiation in the absence of antigen presentation. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1894-1908.e7.  | 1.5 | 23        |
| 20 | Co-cultures of Glioma Stem Cells and Primary Neurons, Astrocytes, Microglia, and Endothelial Cells for Investigation of Intercellular Communication in the Brain. <i>Frontiers in Neuroscience</i> , 2019, 13, 361. | 1.4 | 17        |
| 21 | Promoter and enhancer RNAs regulate chromatin reorganization and activation of miR-10b/HOXD locus, and neoplastic transformation in glioma. <i>Molecular Cell</i> , 2022, 82, 1894-1908.e5.                         | 4.5 | 15        |
| 22 | Metabolic Rewiring in Glioblastoma Cancer: EGFR, IDH and Beyond. <i>Frontiers in Oncology</i> , 0, 12, .  | 1.3 | 14        |
| 23 | A nuclear function for an oncogenic microRNA as a modulator of snRNA and splicing. <i>Molecular Cancer</i> , 2022, 21, 17.  | 7.9 | 10        |
| 24 | The "HSF connection": Pleiotropic regulation and activities of Heat Shock Factors shape pathophysiological brain development. <i>Neuroscience Letters</i> , 2020, 725, 134895.                                      | 1.0 | 9         |
| 25 | The emerging role of miRNA-132/212 cluster in neurologic and cardiovascular diseases: Neuroprotective role in cells with prolonged longevity. <i>Mechanisms of Ageing and Development</i> , 2021, 199, 111566.      | 2.2 | 6         |
| 26 | Mast Cells Regulate CD4+ T Cell Differentiation in Absence of Antigen Presentation. <i>Transplantation</i> , 2018, 102, S284.   | 0.5 | 0         |