

# James Uniacke

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2218451/publications.pdf>

Version: 2024-02-01

13  
papers

636  
citations

933410

10  
h-index

1125717

13  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1071  
citing authors

#	ARTICLE	IF	CITATIONS
1	An oxygen-regulated switch in the protein synthesis machinery. <i>Nature</i> , 2012, 486, 126-129.	27.8	266
2	Translational control of breast cancer plasticity. <i>Nature Communications</i> , 2020, 11, 2498.	12.8	80
3	Systemic Reprogramming of Translation Efficiencies on Oxygen Stimulus. <i>Cell Reports</i> , 2016, 14, 1293-1300.	6.4	73
4	Cancer Cells Exploit eIF4E2-Directed Synthesis of Hypoxia Response Proteins to Drive Tumor Progression. <i>Cancer Research</i> , 2014, 74, 1379-1389.	0.9	52
5	DNMT3a epigenetic program regulates the HIF-2 $\alpha$ oxygen-sensing pathway and the cellular response to hypoxia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7783-7788.	7.1	46
6	Human Cells Cultured under Physiological Oxygen Utilize Two Cap-binding Proteins to recruit Distinct mRNAs for Translation. <i>Journal of Biological Chemistry</i> , 2016, 291, 10772-10782.	3.4	25
7	Hypoxia influences polysome distribution of human ribosomal protein S12 and alternative splicing of ribosomal protein mRNAs. <i>Rna</i> , 2020, 26, 361-371.	3.5	24
8	The eIF4E2-Directed Hypoxic Cap-Dependent Translation Machinery Reveals Novel Therapeutic Potential for Cancer Treatment. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	4.0	20
9	Interaction of Munc18c and syntaxin4 facilitates invadopodium formation and extracellular matrix invasion of tumor cells. <i>Journal of Biological Chemistry</i> , 2017, 292, 16199-16210.	3.4	17
10	Physioxic human cell culture improves viability, metabolism, and mitochondrial morphology while reducing DNA damage. <i>FASEB Journal</i> , 2019, 33, 5716-5728.	0.5	16
11	DEAD Box Protein Family Member DDX28 Is a Negative Regulator of Hypoxia-Inducible Factor 2 $\alpha$ - and Eukaryotic Initiation Factor 4E2-Directed Hypoxic Translation. <i>Molecular and Cellular Biology</i> , 2020, 40, .	2.3	11
12	Expression of hypoxia inducible factor $\alpha$ -dependent neuropeptide Y receptors Y1 and Y5 sensitizes hypoxic cells to NPY stimulation. <i>Journal of Biological Chemistry</i> , 2022, 298, 101645.	3.4	4
13	Analysis of Cap-binding Proteins in Human Cells Exposed to Physiological Oxygen Conditions. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	2