

# Michael Osborne

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7673531/michael-osborne-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32  
papers

824  
citations

16  
h-index

28  
g-index

33  
ext. papers

1,040  
ext. citations

8  
avg, IF

4.54  
L-index

#	Paper	IF	Citations
32	The sonic hedgehog factor GLI1 imparts drug resistance through inducible glucuronidation. <i>Nature</i> , <b>2014</b> , 511, 90-3	50.4	129
31	Ribavirin as an anti-cancer therapy: acute myeloid leukemia and beyond?. <i>Leukemia and Lymphoma</i> , <b>2010</b> , 51, 1805-15	1.9	96
30	A phase I trial of ribavirin and low-dose cytarabine for the treatment of relapsed and refractory acute myeloid leukemia with elevated eIF4E. <i>Haematologica</i> , <b>2015</b> , 100, e7-9	6.6	55
29	Combinatorial targeting of nuclear export and translation of RNA inhibits aggressive B-cell lymphomas. <i>Blood</i> , <b>2016</b> , 127, 858-68	2.2	54
28	Multiple Export Mechanisms for mRNAs. <i>Cells</i> , <b>2015</b> , 4, 452-73	7.9	50
27	A TFEB nuclear export signal integrates amino acid supply and glucose availability. <i>Nature Communications</i> , <b>2018</b> , 9, 2685	17.4	47
26	A biochemical framework for eIF4E-dependent mRNA export and nuclear recycling of the export machinery. <i>Rna</i> , <b>2017</b> , 23, 927-937	5.8	44
25	RSK regulates activated BRAF signalling to mTORC1 and promotes melanoma growth. <i>Oncogene</i> , <b>2013</b> , 32, 2917-2926	9.2	43
24	Importin 8 mediates m7G cap-sensitive nuclear import of the eukaryotic translation initiation factor eIF4E. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 5263-8	11.5	30
23	BRAF/MAPK and GSK3 signaling converges to control MITF nuclear export. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E8668-E8677	11.5	28
22	Structural studies of the eIF4E-VPg complex reveal a direct competition for capped RNA: Implications for translation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 24056-24065	11.5	28
21	Pondering the puzzle of PML (promyelocytic leukemia) nuclear bodies: can we fit the pieces together using an RNA regulon?. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2008</b> , 1783, 2145-54	4.9	26
20	The eukaryotic translation initiation factor eIF4E wears a "cap" for many occasions. <i>Translation</i> , <b>2016</b> , 4, e1220899		25
19	Perspectives in PML: a unifying framework for PML function. <i>Frontiers in Bioscience - Landmark</i> , <b>2009</b> , 14, 497-509	2.8	20
18	LIMD2 is a small LIM-only protein overexpressed in metastatic lesions that regulates cell motility and tumor progression by directly binding to and activating the integrin-linked kinase. <i>Cancer Research</i> , <b>2014</b> , 74, 1390-1403	10.1	19
17	Targeting EIF4E signaling with ribavirin in infant acute lymphoblastic leukemia. <i>Oncogene</i> , <b>2019</b> , 38, 2241-2262	19	19
16	Molecular Pathways: GLI1-Induced Drug Glucuronidation in Resistant Cancer Cells. <i>Clinical Cancer Research</i> , <b>2015</b> , 21, 2207-10	12.9	12

15	Biochemical and Structural Insights into the Eukaryotic Translation Initiation Factor eIF4E. <i>Current Protein and Peptide Science</i> , <b>2019</b> , 20, 525-535	2.8	12
14	The Impact of Post-transcriptional Control: Better Living Through RNA Regulons. <i>Frontiers in Genetics</i> , <b>2018</b> , 9, 512	4.5	12
13	Nuclear eIF4E Stimulates 3'End Cleavage of Target RNAs. <i>Cell Reports</i> , <b>2019</b> , 27, 1397-1408.e4	10.6	11
12	The diversity, plasticity, and adaptability of cap-dependent translation initiation and the associated machinery. <i>RNA Biology</i> , <b>2020</b> , 17, 1239-1251	4.8	11
11	The Nuclear Pore Complex and mRNA Export in Cancer. <i>Cancers</i> , <b>2020</b> , 13,	6.6	10
10	The eukaryotic translation initiation factor eIF4E elevates steady-state mG capping of coding and noncoding transcripts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 26773-26783	11.5	10
9	Overcoming Drug Resistance through the Development of Selective Inhibitors of UDP-Glucuronosyltransferase Enzymes. <i>Journal of Molecular Biology</i> , <b>2019</b> , 431, 258-272	6.5	10
8	GLI1-Inducible Glucuronidation Targets a Broad Spectrum of Drugs. <i>ACS Chemical Biology</i> , <b>2019</b> , 14, 348-355	4.5	7
7	Identification and characterization of the interaction between the methyl-7-guanosine cap maturation enzyme RNMT and the cap-binding protein eIF4E.. <i>Journal of Molecular Biology</i> , <b>2022</b> , 167451	6.5	4
6	When will resistance be futile?. <i>Cancer Research</i> , <b>2014</b> , 74, 7175-80	10.1	3
5	Chemical shift assignment of the viral protein genome-linked (VPg) from potato virus Y. <i>Biomolecular NMR Assignments</i> , <b>2019</b> , 13, 9-13	0.7	3
4	Tissue targeting in cancer: eIF4E's tale. <i>Clinical Cancer Research</i> , <b>2009</b> , 15, 4254-5	12.9	2
3	Backbone assignment of the apo-form of the human C-terminal domain of UDP-glucuronosyltransferase 1A (UGT1A). <i>Biomolecular NMR Assignments</i> , <b>2018</b> , 12, 315-318	0.7	1
2	Subcellular Fractionation Suitable for Studies of RNA and Protein Trafficking.. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2502, 91-104	1.4	1
1	H, C and N chemical shift assignments of the C-terminal domain of human UDP-Glucuronosyltransferase 2B7 (UGT2B7-C). <i>Biomolecular NMR Assignments</i> , <b>2021</b> , 15, 323-328	0.7	0