

# Michael Osborne

## List of Publications by Year in Descending Order

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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 | 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         |
| 31 | 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         |
| 30 | 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         |
| 29 | 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        |
| 28 | The Nuclear Pore Complex and mRNA Export in Cancer. <i>Cancers</i> , <b>2020</b> , 13,   | 6.6   | 10        |
| 27 | 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        |
| 26 | Nuclear eIF4E Stimulates 3TEnd Cleavage of Target RNAs. <i>Cell Reports</i> , <b>2019</b> , 27, 1397-1408.e4   | 10.6  | 11        |
| 25 | 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        |
| 24 | 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        |
| 23 | GLI1-Inducible Glucuronidation Targets a Broad Spectrum of Drugs. <i>ACS Chemical Biology</i> , <b>2019</b> , 14, 348-355  | 4.5   | 7         |
| 22 | 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        |
| 21 | Targeting EIF4E signaling with ribavirin in infant acute lymphoblastic leukemia. <i>Oncogene</i> , <b>2019</b> , 38, 2241-2262   | 11.19 | 19        |
| 20 | 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         |
| 19 | A TFEB nuclear export signal integrates amino acid supply and glucose availability. <i>Nature Communications</i> , <b>2018</b> , 9, 2685   | 17.4  | 47        |
| 18 | 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        |
| 17 | The Impact of Post-transcriptional Control: Better Living Through RNA Regulons. <i>Frontiers in Genetics</i> , <b>2018</b> , 9, 512  | 4.5   | 12        |
| 16 | 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         |

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|----|---|------|-----|
| 15 | 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  |
| 14 | 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 <sup>11.5</sup>  |      | 30  |
| 13 | 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  |
| 12 | The eukaryotic translation initiation factor eIF4E wears a "cap" for many occasions. <i>Translation</i> , <b>2016</b> , 4, e1220899   |      | 25  |
| 11 | Molecular Pathways: GLI1-Induced Drug Glucuronidation in Resistant Cancer Cells. <i>Clinical Cancer Research</i> , <b>2015</b> , 21, 2207-10  | 12.9 | 12  |
| 10 | 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  |
| 9  | Multiple Export Mechanisms for mRNAs. <i>Cells</i> , <b>2015</b> , 4, 452-73  | 7.9  | 50  |
| 8  | 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  |
| 7  | The sonic hedgehog factor GLI1 imparts drug resistance through inducible glucuronidation. <i>Nature</i> , <b>2014</b> , 511, 90-3   | 50.4 | 129 |
| 6  | When will resistance be futile?. <i>Cancer Research</i> , <b>2014</b> , 74, 7175-80   | 10.1 | 3   |
| 5  | RSK regulates activated BRAF signalling to mTORC1 and promotes melanoma growth. <i>Oncogene</i> , <b>2013</b> , 32, 2917-2926   | 9.2  | 43  |
| 4  | 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  |
| 3  | Perspectives in PML: a unifying framework for PML function. <i>Frontiers in Bioscience - Landmark</i> , <b>2009</b> , 14, 497-509   | 2.8  | 20  |
| 2  | Tissue targeting in cancer: eIF4E's tale. <i>Clinical Cancer Research</i> , <b>2009</b> , 15, 4254-5  | 12.9 | 2   |
| 1  | 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, 2143-54                         | 4.9  | 26  |