

# Marlene Oeffinger

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

2,239  
citations

331259

21  
h-index

344852

36  
g-index

41  
all docs

41  
docs citations

41  
times ranked

3127  
citing authors

#	ARTICLE	IF	CITATIONS
1	A robust pipeline for rapid production of versatile nanobody repertoires. <i>Nature Methods</i> , 2014, 11, 1253-1260.	9.0	391
2	Comprehensive analysis of diverse ribonucleoprotein complexes. <i>Nature Methods</i> , 2007, 4, 951-956.	9.0	253
3	Assembly factors Rpf2 and Rrs1 recruit 5S rRNA and ribosomal proteins rpL5 and rpL11 into nascent ribosomes. <i>Genes and Development</i> , 2007, 21, 2580-2592.	2.7	175
4	Nob1p Is Required for Cleavage of the 3' End of 18S rRNA. <i>Molecular and Cellular Biology</i> , 2003, 23, 1798-1807.	1.1	144
5	I-DIRT, A General Method for Distinguishing between Specific and Nonspecific Protein Interactions. <i>Journal of Proteome Research</i> , 2005, 4, 1752-1756.	1.8	134
6	A pre-ribosome-associated HEAT-repeat protein is required for export of both ribosomal subunits. <i>Genes and Development</i> , 2004, 18, 196-209.	2.7	105
7	Senescence-associated ribosome biogenesis defects contributes to cell cycle arrest through the Rb pathway. <i>Nature Cell Biology</i> , 2018, 20, 789-799.	4.6	96
8	Rrp17p Is a Eukaryotic Exonuclease Required for 5' End Processing of Pre-60S Ribosomal RNA. <i>Molecular Cell</i> , 2009, 36, 768-781.	4.5	83
9	To the pore and through the pore: A story of mRNA export kinetics. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2012, 1819, 494-506.	0.9	78
10	Nucleolin and nucleophosmin: nucleolar proteins with multiple functions in DNA repair. <i>Biochemistry and Cell Biology</i> , 2016, 94, 419-432.	0.9	78
11	Yeast Pescadillo is required for multiple activities during 60S ribosomal subunit synthesis. <i>Rna</i> , 2002, 8, 626-636.	1.6	65
12	Yeast Nop15p is an RNA-binding protein required for pre-rRNA processing and cytokinesis. <i>EMBO Journal</i> , 2003, 22, 6573-6583.	3.5	60
13	The nuclear basket mediates perinuclear mRNA scanning in budding yeast. <i>Journal of Cell Biology</i> , 2015, 211, 1131-1140.	2.3	59
14	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> , 2019, 116, 24056-24065.	3.3	53
15	Two steps forward-one step back: Advances in affinity purification-mass spectrometry of macromolecular complexes. <i>Proteomics</i> , 2012, 12, 1591-1608.	1.3	48
16	Sumoylation of the THO complex regulates the biogenesis of a subset of mRNPs. <i>Nucleic Acids Research</i> , 2014, 42, 5043-5058.	6.5	47
17	DDX54 regulates transcriptome dynamics during DNA damage response. <i>Genome Research</i> , 2017, 27, 1344-1359.	2.4	46
18	Nol12 is a multifunctional RNA binding protein at the nexus of RNA and DNA metabolism. <i>Nucleic Acids Research</i> , 2017, 45, 12509-12528.	6.5	40

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19	Yeast Rrp14p is required for ribosomal subunit synthesis and for correct positioning of the mitotic spindle during mitosis. <i>Nucleic Acids Research</i> , 2007, 35, 1354-1366.	6.5	39
20	Cic1p/Nsa3p is required for synthesis and nuclear export of 60S ribosomal subunits. <i>Rna</i> , 2003, 9, 1431-1436.	1.6	35
21	High-throughput RNA structure probing reveals critical folding events during early 60S ribosome assembly in yeast. <i>Nature Communications</i> , 2017, 8, 714.	5.8	35
22	The RNA chaperone La promotes pre-tRNA maturation via indiscriminate binding of both native and misfolded targets. <i>Nucleic Acids Research</i> , 2017, 45, 11341-11355.	6.5	25
23	Insights into synthesis and function of KsgA/Dim1-dependent rRNA modifications in archaea. <i>Nucleic Acids Research</i> , 2021, 49, 1662-1687.	6.5	20
24	Targeted cross-linking-mass spectrometry determines vicinal interactomes within heterogeneous RNP complexes. <i>Nucleic Acids Research</i> , 2016, 44, 1354-1369.	6.5	16
25	Choosing the right exit: How functional plasticity of the nuclear pore drives selective and efficient mRNA export. <i>Wiley Interdisciplinary Reviews RNA</i> , 2021, 12, e1660.	3.2	15
26	Imaging single mRNAs to study dynamics of mRNA export in the yeast <i>Saccharomyces cerevisiae</i> . <i>Methods</i> , 2016, 98, 104-114.	1.9	14
27	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> , 2022, 434, 167451.	2.0	14
28	Altered rRNA processing disrupts nuclear RNA homeostasis via competition for the poly(A)-binding protein Nab2. <i>Nucleic Acids Research</i> , 2020, 48, 11675-11694.	6.5	13
29	It's Not the Destination, It's the Journey: Heterogeneity in mRNA Export Mechanisms. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1203, 33-81.	0.8	12
30	Emerging properties of nuclear RNP biogenesis and export. <i>Current Opinion in Cell Biology</i> , 2015, 34, 46-53.	2.6	11
31	The sole LSM complex in <i>Cyanidioschyzon merolae</i> associates with pre-mRNA splicing and mRNA degradation factors. <i>Rna</i> , 2017, 23, 952-967.	1.6	11
32	Single-Step Affinity Purification (ssAP) and Mass Spectrometry of Macromolecular Complexes in the Yeast <i>S. cerevisiae</i> . <i>Methods in Molecular Biology</i> , 2016, 1361, 265-287.	0.4	10
33	Live-Cell Imaging of mRNA-NPC Interactions in Budding Yeast. <i>Methods in Molecular Biology</i> , 2019, 2038, 131-150.	0.4	3
34	Joining the interface: a site for Nmd3 association on 60S ribosome subunits. <i>Journal of Cell Biology</i> , 2010, 189, 1071-1073.	2.3	2
35	Moulding the ribosome. <i>Nature</i> , 2016, 537, 38-40.	13.7	2
36	Single-Step Affinity Purification (ssAP) and Mass Spectrometry of Macromolecular Complexes in the Yeast <i>S. cerevisiae</i> . <i>Methods in Molecular Biology</i> , 2022, 2477, 195-223.	0.4	2

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37	The Gly482Ser Polymorphism Affects PGC-1 $\beta$ Stability in INS-1 $\beta$ -Cells. Canadian Journal of Diabetes, 2021, 45, S34-S35.	0.4	0