

# Jan Medenbach

## 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.

22  
papers

656  
citations

13  
h-index

25  
g-index

25  
ext. papers

848  
ext. citations

11.3  
avg, IF

3.92  
L-index

#	Paper	IF	Citations
22	A multi-omics analysis reveals the unfolded protein response regulon and stress-induced resistance to folate-based antimetabolites. <i>Nature Communications</i> , <b>2020</b> , 11, 2936	17.4	19
21	The zinc finger domains in U2AF26 and U2AF35 have diverse functionalities including a role in controlling translation. <i>RNA Biology</i> , <b>2020</b> , 17, 843-856	4.8	5
20	Stress macht Zellen resistent gegen Folsäure-basierte Chemotherapeutika. <i>BioSpektrum</i> , <b>2020</b> , 26, 609-611	11.1	11
19	Simple Targeted Assays for Metabolic Pathways and Signaling: A Powerful Tool for Targeted Proteomics. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 13672-13676	7.8	1
18	A sensitive and simple targeted proteomics approach to quantify transcription factor and membrane proteins of the unfolded protein response pathway in glioblastoma cells. <i>Scientific Reports</i> , <b>2019</b> , 9, 8836	4.9	13
17	Auto-regulatory feedback by RNA-binding proteins. <i>Journal of Molecular Cell Biology</i> , <b>2019</b> , 11, 930-939	6.3	33
16	RhoA regulates translation of the Nogo-A decoy SPARC in white matter-invading glioblastomas. <i>Acta Neuropathologica</i> , <b>2019</b> , 138, 275-293	14.3	2
15	Purification of cross-linked RNA-protein complexes by phenol-toluol extraction. <i>Nature Communications</i> , <b>2019</b> , 10, 990	17.4	94
14	Drosophila Sister-of-Sex-lethal reinforces a male-specific gene expression pattern by controlling Sex-lethal alternative splicing. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, 2276-2288	20.1	5
13	Insights into the evolutionary conserved regulation of Rio ATPase activity. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, 1441-1456	20.1	24
12	Sister-of-Sex-lethal is a repressor of translation. <i>Rna</i> , <b>2018</b> , 24, 149-158	5.8	5
11	Promiscuity in post-transcriptional control of gene expression: Drosophila sex-lethal and its regulatory partnerships. <i>FEBS Letters</i> , <b>2017</b> , 591, 1471-1488	3.8	18
10	CircRNA-protein complexes: IMP3 protein component defines subfamily of circRNPs. <i>Scientific Reports</i> , <b>2016</b> , 6, 31313	4.9	96
9	The expanding universe of ribonucleoproteins: of novel RNA-binding proteins and unconventional interactions. <i>Pflügers Archiv European Journal of Physiology</i> , <b>2016</b> , 468, 1029-40	4.6	60
8	Translational control via protein-regulated upstream open reading frames. <i>Cell</i> , <b>2011</b> , 145, 902-13	56.2	98
7	RNA-Seq analysis in mutant zebrafish reveals role of U1C protein in alternative splicing regulation. <i>EMBO Journal</i> , <b>2011</b> , 30, 1965-76	13	34
6	Human initiation factor eIF3 subunit b interacts with HCV IRES RNA through its N-terminal RNA recognition motif. <i>FEBS Letters</i> , <b>2009</b> , 583, 70-4	3.8	13

- 5 3ecyclic phosphorylation of U6 snRNA leads to recruitment of recycling factor p110 through LSM proteins. *Rna*, **2008**, 14, 1532-8 5.8 39
- 4 Network of coregulated spliceosome components revealed by zebrafish mutant in recycling factor p110. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 6608-13<sup>11.5</sup> 60
- 3 Human U4/U6 snRNP recycling factor p110: mutational analysis reveals the function of the tetratricopeptide repeat domain in recycling. *Molecular and Cellular Biology*, **2004**, 24, 7392-401 4.8 34
- 2 Sedimentation Analysis of Ribonucleoprotein Complexes 428-437
- 1 Purification of Cross-linked RNA-Protein Complexes by Phenol-Toluol Extraction 3