

# Cosmin Saveanu

## List of Publications by Year in descending order

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46  
papers

3,857  
citations

201674

27  
h-index

276875

41  
g-index

48  
all docs

48  
docs citations

48  
times ranked

4669  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unusual SMG suspects recruit degradation enzymes in nonsense-mediated mRNA decay. <i>BioEssays</i> , 2022, , 2100296.	2.5	0
2	Composition and Dynamics of Protein Complexes Measured by Quantitative Mass Spectrometry of Affinity-Purified Samples. <i>Methods in Molecular Biology</i> , 2022, 2477, 225-236.	0.9	1
3	The box C/D snoRNP assembly factor Bcd1 interacts with the histone chaperone Rtt106 and controls its transcription dependent activity. <i>Nature Communications</i> , 2021, 12, 1859.	12.8	3
4	Ethylzingerone, a Novel Compound with Antifungal Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	0
5	Investigation of RNA metabolism through large-scale genetic interaction profiling in yeast. <i>Nucleic Acids Research</i> , 2021, 49, 8535-8555.	14.5	4
6	The puzzling construction of the conidial outer layer of <i>Aspergillus fumigatus</i> . <i>Cellular Microbiology</i> , 2019, 21, e12994.	2.1	30
7	Nonsense-mediated mRNA decay involves two distinct Upf1-bound complexes. <i>EMBO Journal</i> , 2018, 37, .	7.8	37
8	UPF1-like helicase grip on nucleic acids dictates processivity. <i>Nature Communications</i> , 2018, 9, 3752.	12.8	37
9	Exposure to selenomethionine causes selenocysteine misincorporation and protein aggregation in <i>Saccharomyces cerevisiae</i> . <i>Scientific Reports</i> , 2017, 7, 44761.	3.3	44
10	MybA, a transcription factor involved in conidiation and conidial viability of the human pathogen <i>Aspergillus fumigatus</i> . <i>Molecular Microbiology</i> , 2017, 105, 880-900.	2.5	31
11	Actin activates <i>Pseudomonas aeruginosa</i> ExoY nucleotidyl cyclase toxin and ExoY-like effector domains from MARTX toxins. <i>Nature Communications</i> , 2016, 7, 13582.	12.8	51
12	The Toxicity of a Novel Antifungal Compound Is Modulated by Endoplasmic Reticulum-Associated Protein Degradation Components. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 1438-1449.	3.2	9
13	Identification of Links Between Cellular Pathways by Genetic Interaction Mapping (GIM). <i>Methods in Molecular Biology</i> , 2016, 1361, 325-343.	0.9	6
14	How cells kill a "killer" messenger. <i>ELife</i> , 2016, 5, .	6.0	2
15	Quality control of transcription start site selection by nonsense-mediated-mRNA decay. <i>ELife</i> , 2015, 4, .	6.0	108
16	Self-assembly of the general membrane-remodeling protein PVAP into sevenfold virus-associated pyramids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3829-3834.	7.1	45
17	Brr2p carboxy-terminal Sec63 domain modulates Prp16 splicing RNA helicase. <i>Nucleic Acids Research</i> , 2014, 42, 13897-13910.	14.5	13
18	Long Open Reading Frame Transcripts Escape Nonsense-Mediated mRNA Decay in Yeast. <i>Cell Reports</i> , 2014, 6, 593-598.	6.4	29

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19	mRNA Degradation and Decay. , 2014, , 159-193.		4
20	Yeast ribosomal protein L7 and its homologue Rlp7 are simultaneously present at distinct sites on pre-60S ribosomal particles. <i>Nucleic Acids Research</i> , 2013, 41, 9461-9470.	14.5	22
21	Synergy of the antibiotic colistin with echinocandin antifungals in <i>Candida</i> species. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 1285-1296.	3.0	44
22	Cdc48-associated complex bound to 60S particles is required for the clearance of aberrant translation products. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5046-5051.	7.1	218
23	Sodium Selenide Toxicity Is Mediated by O <sub>2</sub> -Dependent DNA Breaks. <i>PLoS ONE</i> , 2012, 7, e36343.	2.5	52
24	Gcn4 misregulation reveals a direct role for the evolutionary conserved EKC/KEOPS in the t6A modification of tRNAs. <i>Nucleic Acids Research</i> , 2011, 39, 6148-6160.	14.5	79
25	Ecm1 is a new pre-ribosomal factor involved in pre-60S particle export. <i>Rna</i> , 2010, 16, 1007-1017.	3.5	38
26	Structural and nucleotide-binding properties of YajQ and YnaF, two <i>Escherichia coli</i> proteins of unknown function. <i>Protein Science</i> , 2008, 11, 2551-2560.	7.6	33
27	60S ribosomal subunit assembly dynamics defined by semi-quantitative mass spectrometry of purified complexes. <i>Nucleic Acids Research</i> , 2008, 36, 4988-4999.	14.5	47
28	A Yeast Exosome Cofactor, Mpp6, Functions in RNA Surveillance and in the Degradation of Noncoding RNA Transcripts. <i>Molecular and Cellular Biology</i> , 2008, 28, 5446-5457.	2.3	84
29	Linking functionally related genes by sensitive and quantitative characterization of genetic interaction profiles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5821-5826.	7.1	107
30	18 RNA Gene Analysis. <i>Methods in Microbiology</i> , 2007, 36, 415-444.	0.8	0
31	The p21-Activated Protein Kinase Inhibitor Skb15 and Its Budding Yeast Homologue Are 60S Ribosome Assembly Factors. <i>Molecular and Cellular Biology</i> , 2007, 27, 2897-2909.	2.3	30
32	Cytoplasmic Recycling of 60S Preribosomal Factors Depends on the AAA Protein Drg1. <i>Molecular and Cellular Biology</i> , 2007, 27, 6581-6592.	2.3	91
33	GOlorize: a Cytoscape plug-in for network visualization with Gene Ontology-based layout and coloring. <i>Bioinformatics</i> , 2007, 23, 394-396.	4.1	105
34	A functional network involved in the recycling of nucleocytoplasmic pre-60S factors. <i>Journal of Cell Biology</i> , 2006, 173, 349-360.	5.2	97
35	Nsa2 Is an Unstable, Conserved Factor Required for the Maturation of 27 SB Pre-rRNAs. <i>Journal of Biological Chemistry</i> , 2006, 281, 27099-27108.	3.4	39
36	<i>Staphylococcus aureus</i> RNAIII and the endoribonuclease III coordinately regulate spa gene expression. <i>EMBO Journal</i> , 2005, 24, 824-835.	7.8	308

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37	RNA Degradation by the Exosome Is Promoted by a Nuclear Polyadenylation Complex. <i>Cell</i> , 2005, 121, 713-724.	28.9	786
38	The ribosomal protein Rps15p is required for nuclear exit of the 40S subunit precursors in yeast. <i>EMBO Journal</i> , 2004, 23, 2336-2347.	7.8	100
39	Targeted mRNA Degradation by Deadenylation-Independent Decapping. <i>Molecular Cell</i> , 2004, 15, 5-15.	9.7	140
40	Sequential Protein Association with Nascent 60S Ribosomal Particles. <i>Molecular and Cellular Biology</i> , 2003, 23, 4449-4460.	2.3	180
41	Ribosome assembly in eukaryotes. <i>Gene</i> , 2003, 313, 17-42.	2.2	526
42	Spc24 interacts with Mps2 and is required for chromosome segregation, but is not implicated in spindle pole body duplication. <i>Molecular Microbiology</i> , 2002, 43, 1431-1443.	2.5	23
43	<sup>1</sup> H, <sup>13</sup> C and <sup>15</sup> N resonance assignment of YajQ, a protein of unknown structure and function from <i>Escherichia coli</i> . <i>Journal of Biomolecular NMR</i> , 2001, 20, 287-288.	2.8	2
44	Nog2p, a putative GTPase associated with pre-60S subunits and required for late 60S maturation steps. <i>EMBO Journal</i> , 2001, 20, 6475-6484.	7.8	171
45	Identification of 12 New Yeast Mitochondrial Ribosomal Proteins Including 6 That Have No Prokaryotic Homologues. <i>Journal of Biological Chemistry</i> , 2001, 276, 15861-15867.	3.4	67
46	Genetic and Biochemical Characterization of <i>Salmonella enterica</i> Serovar Typhi Deoxyribokinase. <i>Journal of Bacteriology</i> , 2000, 182, 869-873.	2.2	14