

# Fabrice Lejeune

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

2,707  
citations

331670

21  
h-index

580821

25  
g-index

29  
all docs

29  
docs citations

29  
times ranked

3434  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic links between nonsense-mediated mRNA decay and pre-mRNA splicing in mammalian cells. <i>Current Opinion in Cell Biology</i> , 2005, 17, 309-315.	5.4	358
2	Nonsense-Mediated mRNA Decay in Mammalian Cells Involves Decapping, Deadenylation, and Exonucleolytic Activities. <i>Molecular Cell</i> , 2003, 12, 675-687.	9.7	322
3	The exon junction complex is detected on CBP80-bound but not eIF4E-bound mRNA in mammalian cells: dynamics of mRNP remodeling. <i>EMBO Journal</i> , 2002, 21, 3536-3545.	7.8	228
4	The mRNA Surveillance Protein hSMG-1 Functions in Genotoxic Stress Response Pathways in Mammalian Cells. <i>Molecular Cell</i> , 2004, 14, 585-598.	9.7	202
5	Broad Specificity of SR (Serine/Arginine) Proteins in the Regulation of Alternative Splicing of Pre-Messenger RNA. <i>Progress in Molecular Biology and Translational Science</i> , 2004, 78, 37-88.	1.9	172
6	Inhibition of nonsense-mediated mRNA decay (NMD) by a new chemical molecule reveals the dynamic of NMD factors in P-bodies. <i>Journal of Cell Biology</i> , 2007, 178, 1145-1160.	5.2	147
7	Major source of antigenic peptides for the MHC class I pathway is produced during the pioneer round of mRNA translation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11572-11577.	7.1	145
8	Rescue of nonsense mutations by amlexanox in human cells. <i>Orphanet Journal of Rare Diseases</i> , 2012, 7, 58.	2.7	131
9	CBP80 promotes interaction of Upf1 with Upf2 during nonsense-mediated mRNA decay in mammalian cells. <i>Nature Structural and Molecular Biology</i> , 2005, 12, 893-901.	8.2	130
10	TIA-1 and TIAR Activate Splicing of Alternative Exons with Weak 5' Splice Sites followed by a U-rich Stretch on Their Own Pre-mRNAs. <i>Journal of Biological Chemistry</i> , 2001, 276, 40638-40646.	3.4	122
11	The pioneer translation initiation complex is functionally distinct from but structurally overlaps with the steady-state translation initiation complex. <i>Genes and Development</i> , 2004, 18, 745-754.	5.9	121
12	Evidence that Poly(A) Binding Protein C1 Binds Nuclear Pre-mRNA Poly(A) Tails. <i>Molecular and Cellular Biology</i> , 2006, 26, 3085-3097.	2.3	92
13	eIF4G is required for the pioneer round of translation in mammalian cells. <i>Nature Structural and Molecular Biology</i> , 2004, 11, 992-1000.	8.2	84
14	The CD44 Alternative v9 Exon Contains a Splicing Enhancer Responsive to the SR Proteins 9G8, ASF/SF2, and SRp20. <i>Journal of Biological Chemistry</i> , 2003, 278, 32943-32953.	3.4	64
15	Alternative Splicing of Intron 3 of the Serine/Arginine-rich Protein 9G8 Gene. <i>Journal of Biological Chemistry</i> , 2001, 276, 7850-7858.	3.4	58
16	Targeting nonsense-mediated mRNA decay in colorectal cancers with microsatellite instability. <i>Oncogenesis</i> , 2018, 7, 70.	4.9	58
17	Nonsense-mediated mRNA decay at the crossroads of many cellular pathways. <i>BMB Reports</i> , 2017, 50, 175-185.	2.4	55
18	2,6-Diaminopurine as a highly potent corrector of UGA nonsense mutations. <i>Nature Communications</i> , 2020, 11, 1509.	12.8	46

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19	Human RBMY regulates germline-specific splicing events by modulating the function of the serine/arginine-rich proteins 9G8 and Tra2- $\beta$ . <i>Journal of Cell Science</i> , 2010, 123, 40-50.	2.0	44
20	Deciphering the molecular mechanism of stop codon readthrough. <i>Biological Reviews</i> , 2021, 96, 310-329.	10.4	30
21	Nonsense-Mediated mRNA Decay, a Finely Regulated Mechanism. <i>Biomedicines</i> , 2022, 10, 141.	3.2	24
22	Optimized approach for the identification of highly efficient correctors of nonsense mutations in human diseases. <i>PLoS ONE</i> , 2017, 12, e0187930.	2.5	21
23	A role for AKT1 in nonsense-mediated mRNA decay. <i>Nucleic Acids Research</i> , 2021, 49, 11022-11037.	14.5	17
24	PTC readthrough in human cells occurs in novel cytoplasmic foci and requires UPF proteins. <i>Journal of Cell Science</i> , 2017, 130, 3009-3022.	2.0	14
25	Triple Effect of Nonsense-Mediated mRNA Decay Inhibition as a Therapeutic Approach for Cancer. <i>Single Cell Biology</i> , 2016, 5, .	0.2	11
26	Immunopurification and Analysis of Protein and RNA Components of mRNP in Mammalian Cells. , 2004, 257, 115-124.		9
27	General Aspects Related to Nonsense Mutations. , 2016, , 1-76.		1
28	Strategies to Correct Nonsense Mutations. , 2016, , 107-165.		1