

# Gerald G Schumann

## List of Publications by Year in descending order

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25  
papers

2,078  
citations

471509

17  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

3052  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytoplasmic synthesis of endogenous <i>Alu</i> complementary DNA via reverse transcription and implications in age-related macular degeneration. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	36
2	Hepatitis C virus infection restricts human LINE-1 retrotransposition in hepatoma cells. PLoS Pathogens, 2021, 17, e1009496.	4.7	12
3	<i>Alu</i> complementary DNA is enriched in atrophic macular degeneration and triggers retinal pigmented epithelium toxicity via cytosolic innate immunity. Science Advances, 2021, 7, eabj3658.	10.3	23
4	Loop 1 of APOBEC3C Regulates its Antiviral Activity against HIV-1. Journal of Molecular Biology, 2020, 432, 6200-6227.	4.2	11
5	Frequency and methylation status of selected retrotransposition competent L1 loci in amyotrophic lateral sclerosis. Molecular Brain, 2020, 13, 154.	2.6	7
6	The impact of transposable element activity on therapeutically relevant human stem cells. Mobile DNA, 2019, 10, 9.	3.6	18
7	Retrotransposons in the development and progression of amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 284-293.	1.9	29
8	Endogenous LINE-1 (Long Interspersed Nuclear Element-1) Reverse Transcriptase Activity in Platelets Controls Translational Events Through RNA-DNA Hybrids. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 801-815.	2.4	29
9	APOBEC3B Activity Is Prevalent in Urothelial Carcinoma Cells and Only Slightly Affected by LINE-1 Expression. Frontiers in Microbiology, 2018, 9, 2088.	3.5	12
10	The Flow of the Gibbon LAVA Element Is Facilitated by the LINE-1 Retrotransposition Machinery. Genome Biology and Evolution, 2016, 8, 3209-3225.	2.5	18
11	CD30 Receptor-Targeted Lentiviral Vectors for Human Induced Pluripotent Stem Cell-Specific Gene Modification. Stem Cells and Development, 2016, 25, 729-739.	2.1	3
12	The Engineered SVA Trans-mobilization Assay. Methods in Molecular Biology, 2016, 1400, 203-222.	0.9	2
13	Reprogramming triggers endogenous L1 and Alu retrotransposition in human induced pluripotent stem cells. Nature Communications, 2016, 7, 10286.	12.8	113
14	APOBEC4 Enhances the Replication of HIV-1. PLoS ONE, 2016, 11, e0155422.	2.5	27
15	Enhanced expression of LINE-1-encoded ORF2 protein in early stages of colon and prostate transformation. Oncotarget, 2016, 7, 4048-4061.	1.8	32
16	Evolutionary Histories of Transposable Elements in the Genome of the Largest Living Marsupial Carnivore, the Tasmanian Devil. Molecular Biology and Evolution, 2015, 32, 1268-1283.	8.9	24
17	Human LINE-1 restriction by APOBEC3C is deaminase independent and mediated by an ORF1p interaction that affects LINE reverse transcriptase activity. Nucleic Acids Research, 2014, 42, 396-416.	14.5	94
18	Primate-specific endogenous retrovirus-driven transcription defines naive-like stem cells. Nature, 2014, 516, 405-409.	27.8	372

#	ARTICLE	IF	CITATIONS
19	Gibbon genome and the fast karyotype evolution of small apes. <i>Nature</i> , 2014, 513, 195-201.	27.8	320
20	The non-autonomous retrotransposon SVA is trans -mobilized by the human LINE-1 protein machinery. <i>Nucleic Acids Research</i> , 2012, 40, 1666-1683.	14.5	194
21	Unique Functions of Repetitive Transcriptomes. <i>International Review of Cell and Molecular Biology</i> , 2010, 285, 115-188.	3.2	66
22	5â€²-Transducing SVA retrotransposon groups spread efficiently throughout the human genome. <i>Genome Research</i> , 2009, 19, 1992-2008.	5.5	105
23	Functional endogenous LINE-1 retrotransposons are expressed and mobilized in rat chloroleukemia cells. <i>Nucleic Acids Research</i> , 2008, 36, 648-665.	14.5	44
24	APOBEC3 Proteins Inhibit Human LINE-1 Retrotransposition. <i>Journal of Biological Chemistry</i> , 2006, 281, 22161-22172.	3.4	322
25	Cell Type-specific Expression of LINE-1 Open Reading Frames 1 and 2 in Fetal and Adult Human Tissues. <i>Journal of Biological Chemistry</i> , 2004, 279, 27753-27763.	3.4	163