

# Aikaterini Alexaki

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8383649/publications.pdf>

Version: 2024-02-01

31  
papers

1,524  
citations

516215

16  
h-index

500791

28  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2836  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in (therapeutic protein) drug development. <i>F1000Research</i> , 2017, 6, 113.	0.8	348
2	Cellular Reservoirs of HIV-1 and their Role in Viral Persistence. <i>Current HIV Research</i> , 2008, 6, 388-400.	0.2	283
3	A new and updated resource for codon usage tables. <i>BMC Bioinformatics</i> , 2017, 18, 391.	1.2	182
4	HIV-1 Infection of Bone Marrow Hematopoietic Progenitor Cells and Their Role in Trafficking and Viral Dissemination. <i>PLoS Pathogens</i> , 2008, 4, e1000215.	2.1	122
5	Codon and Codon-Pair Usage Tables (CoCoPUTs): Facilitating Genetic Variation Analyses and Recombinant Gene Design. <i>Journal of Molecular Biology</i> , 2019, 431, 2434-2441.	2.0	100
6	Coagulopathy and Thrombosis as a Result of Severe COVID-19 Infection: A Microvascular Focus. <i>Thrombosis and Haemostasis</i> , 2020, 120, 1668-1679.	1.8	75
7	De Novo Sphingolipid Biosynthesis Is Required for Adipocyte Survival and Metabolic Homeostasis. <i>Journal of Biological Chemistry</i> , 2017, 292, 3929-3939.	1.6	46
8	Sequence analysis of SARS-CoV-2 genome reveals features important for vaccine design. <i>Scientific Reports</i> , 2020, 10, 15643.	1.6	46
9	Expression of the ORMDLS, Modulators of Serine Palmitoyltransferase, Is Regulated by Sphingolipids in Mammalian Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 90-98.	1.6	43
10	Autophagy regulates sphingolipid levels in the liver. <i>Journal of Lipid Research</i> , 2014, 55, 2521-2531.	2.0	42
11	Effects of codon optimization on coagulation factor IX translation and structure: Implications for protein and gene therapies. <i>Scientific Reports</i> , 2019, 9, 15449.	1.6	38
12	Hamsters Fed Diets High in Saturated Fat Have Increased Cholesterol Accumulation and Cytokine Production in the Aortic Arch Compared with Cholesterol-Fed Hamsters with Moderately Elevated Plasma Non-HDL Cholesterol Concentrations. <i>Journal of Nutrition</i> , 2004, 134, 410-415.	1.3	31
13	TissueCoCoPUTs: Novel Human Tissue-Specific Codon and Codon-Pair Usage Tables Based on Differential Tissue Gene Expression. <i>Journal of Molecular Biology</i> , 2020, 432, 3369-3378.	2.0	28
14	PMA-Induced Differentiation of a Bone Marrow Progenitor Cell Line Activates HIV-1 LTR-Driven Transcription. <i>DNA and Cell Biology</i> , 2007, 26, 387-394.	0.9	20
15	Functional properties of the HIV-1 long terminal repeat containing single-nucleotide polymorphisms in Sp site III and CCAAT/enhancer binding protein site I. <i>Virology Journal</i> , 2014, 11, 92.	1.4	20
16	Gene variants of coagulation related proteins that interact with SARS-CoV-2. <i>PLoS Computational Biology</i> , 2021, 17, e1008805.	1.5	18
17	AP-1-directed human T cell leukemia virus type 1 viral gene expression during monocytic differentiation. <i>Journal of Leukocyte Biology</i> , 2006, 80, 640-650.	1.5	17
18	Immunogenicity of Protein Therapeutics: A Lymph Node Perspective. <i>Frontiers in Immunology</i> , 2020, 11, 791.	2.2	11

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19	The Kazusa codon usage database, CoCoPUTs, and the value of up-to-date codon usage statistics. <i>Infection, Genetics and Evolution</i> , 2019, 73, 266-268.	1.0	8
20	Effect of $\mu$ -opioid agonist DAMGO on surface CXCR4 and HIV-1 replication in TF-1 human bone marrow progenitor cells. <i>BMC Research Notes</i> , 2014, 7, 752.	0.6	7
21	Modeling Bone Marrow Progenitor Cell Differentiation and Susceptibility to HIV-1 Infection. <i>MOJ Immunology</i> , 2014, 1, 00009-9.	11.0	5
22	Distinct signatures of codon and codon pair usage in 32 primary tumor types in the novel database CancerCoCoPUTs for cancer-specific codon usage. <i>Genome Medicine</i> , 2021, 13, 122.	3.6	4
23	Structural, functional, and immunogenicity implications of <i>F9</i> gene recoding. <i>Blood Advances</i> , 2022, 6, 3932-3944.	2.5	4
24	Impact of Viral Activators and Epigenetic Regulators on HIV-1 LTRs Containing Naturally Occurring Single Nucleotide Polymorphisms. <i>BioMed Research International</i> , 2015, 2015, 1-14.	0.9	3
25	Functional Studies of CCAAT/Enhancer Binding Protein Site Located Downstream of the Transcriptional Start Site. <i>Clinical Medicine Insights Pathology</i> , 2017, 10, 117955571769455.	0.6	3
26	New approaches to predict the effect of co-occurring variants on protein characteristics. <i>American Journal of Human Genetics</i> , 2021, 108, 1502-1511.	2.6	3
27	Ribosome profiling of HEK293T cells overexpressing codon optimized coagulation factor IX. <i>F1000Research</i> , 2020, 9, 174.	0.8	3
28	Ribosome profiling of HEK293T cells overexpressing codon optimized coagulation factor IX. <i>F1000Research</i> , 2020, 9, 174.	0.8	2
29	Title is missing!. <i>Retrovirology</i> , 2005, 2, P8.	0.9	0
30	Title is missing!. <i>Retrovirology</i> , 2005, 2, S155.	0.9	0
31	Title is missing!. <i>Retrovirology</i> , 2005, 2, P9.	0.9	0