Mutations in ADAR1 cause Aicardi-Goutières syndrom signature

Nature Genetics 44, 1243-1248 DOI: 10.1038/ng.2414

Citation Report

#	Article	IF	CITATIONS
1	dsRNA-Dependent Protein Kinase PKR and its Role in Stress, Signaling and HCV Infection. Viruses, 2012, 4, 2598-2635.	1.5	146
2	The ADAR protein family. Genome Biology, 2012, 13, 252.	13.9	251
3	Aicardi–Goutières syndrome: clues from the RNase H2 knock-out mouse. Journal of Molecular Medicine, 2013, 91, 1235-1240.	1.7	22
4	SAMHD1-dependent retroviral control and escape in mice. EMBO Journal, 2013, 32, 2454-2462.	3.5	141
5	Advances in Understanding the Coupling of DNA Base Modifying Enzymes to Processes Involving Base Excision Repair. Advances in Cancer Research, 2013, 119, 63-106.	1.9	11
6	Impact of the next-generation sequencing data depth on various biological result inferences. Science China Life Sciences, 2013, 56, 104-109.	2.3	11
7	Mouse SAMHD1 Has Antiretroviral Activity and Suppresses a Spontaneous Cell-Intrinsic Antiviral Response. Cell Reports, 2013, 4, 689-696.	2.9	139
8	Are RASopathies new monogenic predisposing conditions to the development of systemic lupus erythematosus? Case report and systematic review of the literature. Seminars in Arthritis and Rheumatism, 2013, 43, 217-219.	1.6	47
9	Inhibition of the de-myelinating properties of Aicardi-Goutières Syndrome lymphocytes by cathepsin D silencing. Biochemical and Biophysical Research Communications, 2013, 430, 957-962.	1.0	7
10	RNA editing regulates transposon-mediated heterochromatic gene silencing. Nature Communications, 2013, 4, 2745.	5.8	51
11	TLRs and interferons: a central paradigm in autoimmunity. Current Opinion in Immunology, 2013, 25, 720-727.	2.4	57
12	Assessment of interferon-related biomarkers in Aicardi-Goutières syndrome associated with mutations in TREX1, RNASEH2A, RNASEH2B, RNASEH2C, SAMHD1, and ADAR: a case-control study. Lancet Neurology, The, 2013, 12, 1159-1169.	4.9	473
13	Type I interferon in neurological disease—The devil from within. Cytokine and Growth Factor Reviews, 2013, 24, 257-267.	3.2	43
14	Adenosine-to-inosine RNA editing and human disease. Genome Medicine, 2013, 5, 105.	3.6	224
15	What role (if any) does the highly conserved CSB-PGBD3 fusion protein play in Cockayne syndrome?. Mechanisms of Ageing and Development, 2013, 134, 225-233.	2.2	12
16	Nucleotide embargo by SAMHD1: A strategy to block retroviral infection. Antiviral Research, 2013, 97, 180-182.	1.9	17
17	ADAR1 ablation decreases bone mass by impairing osteoblast function in mice. Gene, 2013, 513, 101-110.	1.0	25
18	RNA-Seq Analysis Identifies a Novel Set of Editing Substrates for Human ADAR2 Present in Saccharomyces cerevisiae. Biochemistry, 2013, 52, 7857-7869.	1.2	38

#	Article	IF	CITATIONS
19	New and recurrent gain-of-function <i>STAT1</i> mutations in patients with chronic mucocutaneous candidiasis from Eastern and Central Europe. Journal of Medical Genetics, 2013, 50, 567-578.	1.5	105
20	Antiviral Type I and Type III Interferon Responses in the Central Nervous System. Viruses, 2013, 5, 834-857.	1.5	47
21	Dysregulation of the immune system in Aicardi-Goutières syndrome: another example in a TREX1-mutated patient. Lupus, 2013, 22, 1064-1069.	0.8	22
22	The Interactomes of Influenza Virus NS1 and NS2 Proteins Identify New Host Factors and Provide Insights for ADAR1 Playing a Supportive Role in Virus Replication. PLoS Pathogens, 2013, 9, e1003440.	2.1	91
23	Structural basis for Z-DNA binding and stabilization by the zebrafish Z-DNA dependent protein kinase PKZ. Nucleic Acids Research, 2013, 41, 9924-9933.	6.5	27
24	Synonymous Mutations in <i>RNASEH2A</i> Create Cryptic Splice Sites Impairing RNase H2 Enzyme Function in Aicardi-Goutières Syndrome. Human Mutation, 2013, 34, 1066-1070.	1.1	16
26	ADAR1 is essential for intestinal homeostasis and stem cell maintenance. Cell Death and Disease, 2013, 4, e599-e599.	2.7	62
27	ADAR1 regulates <i>ARHGAP26</i> gene expression through RNA editing by disrupting miR-30b-3p and miR-573 binding. Rna, 2013, 19, 1525-1536.	1.6	79
28	Interferon Signature in the Blood in Inflammatory Common Variable Immune Deficiency. PLoS ONE, 2013, 8, e74893.	1.1	64
29	SAMHD1 Restricts HIV-1 Replication and Regulates Interferon Production in Mouse Myeloid Cells. PLoS ONE, 2014, 9, e89558.	1.1	18
30	Oligophrenin-1 (OPHN1), a Gene Involved in X-Linked Intellectual Disability, Undergoes RNA Editing and Alternative Splicing during Human Brain Development. PLoS ONE, 2014, 9, e91351.	1.1	14
31	Inherited STING-activating mutation underlies a familial inflammatory syndrome with lupus-like manifestations. Journal of Clinical Investigation, 2014, 124, 5516-5520.	3.9	435
32	Walking the interactome for candidate prioritization in exome sequencing studies of Mendelian diseases. Bioinformatics, 2014, 30, 3215-3222.	1.8	91
33	Spastic Paraparesis and Marked Improvement of Leukoencephalopathy in Aicardi–GoutiÃ res Syndrome. Neuropediatrics, 2014, 45, 406-410.	0.3	9
34	Mutations in ADAR1, IFIH1, and RNASEH2B Presenting As Spastic Paraplegia. Neuropediatrics, 2014, 45, 386-391.	0.3	72
35	Adenosine Deaminase Acting on RNA 1 Limits RIG-I RNA Detection and Suppresses IFN Production Responding to Viral and Endogenous RNAs. Journal of Immunology, 2014, 193, 3436-3445.	0.4	69
36	Hcfc1b, a zebrafish ortholog of HCFC1, regulates craniofacial development by modulating mmachc expression. Developmental Biology, 2014, 396, 94-106.	0.9	33
37	Therapies in Aicardi–Goutières syndrome. Clinical and Experimental Immunology, 2013, 175, 1-8.	1.1	74

#	Article	IF	CITATIONS
38	Processing of Double-Stranded RNA in Mammalian Cells: A Direct Antiviral Role?. Journal of Interferon and Cytokine Research, 2014, 34, 469-477.	0.5	10
39	Mouse models for Aicardi–GoutiÔres syndrome provide clues to the molecular pathogenesis of systemic autoimmunity. Clinical and Experimental Immunology, 2013, 175, 9-16.	1.1	22
40	Mucocutaneous Candidiasis. , 2014, , 775-802.		9
41	Aicardi–GoutiÃ [~] res syndrome: a model disease for systemic autoimmunity. Clinical and Experimental Immunology, 2013, 175, 17-24.	1.1	61
42	The RNA-Editing Enzyme ADAR1 Controls Innate Immune Responses to RNA. Cell Reports, 2014, 9, 1482-1494.	2.9	508
43	RADAR: a rigorously annotated database of A-to-I RNA editing. Nucleic Acids Research, 2014, 42, D109-D113.	6.5	477
44	Five novel mutations in the ADAR1 gene associated with dyschromatosis symmetrica hereditaria. BMC Medical Genetics, 2014, 15, 69.	2.1	16
45	A type I interferon signature identifies bilateral striatal necrosis due to mutations in <i>ADAR1</i> . Journal of Medical Genetics, 2014, 51, 76-82.	1.5	118
46	Advances in understanding the role of type I interferons in systemic lupus erythematosus. Current Opinion in Rheumatology, 2014, 26, 467-474.	2.0	97
47	A nationwide survey of Aicardi-Goutieres syndrome patients identifies a strong association between dominant TREX1 mutations and chilblain lesions: Japanese cohort study. Rheumatology, 2014, 53, 448-458.	0.9	31
48	Evolutionary Conservation and Expression of Human RNA-Binding Proteins and Their Role in Human Genetic Disease. Advances in Experimental Medicine and Biology, 2014, 825, 1-55.	0.8	119
49	Out of Balance: R-loops in Human Disease. PLoS Genetics, 2014, 10, e1004630.	1.5	148
50	How the misincorporation of ribonucleotides into genomic DNA can be both harmful and helpful to cells. Nucleic Acids Research, 2014, 42, 10226-10234.	6.5	61
51	Induction of stress granules by interferon and down-regulation by the cellular RNA adenosine deaminase ADAR1. Virology, 2014, 454-455, 299-310.	1.1	24
52	Gain-of-function mutations in IFIH1 cause a spectrum of human disease phenotypes associated with upregulated type I interferon signaling. Nature Genetics, 2014, 46, 503-509.	9.4	490
53	The enemy within: endogenous retroelements and autoimmune disease. Nature Immunology, 2014, 15, 415-422.	7.0	248
54	A biochemical landscape of A-to-I RNA editing in the human brain transcriptome. Genome Research, 2014, 24, 522-534.	2.4	121
55	Characterizing of functional human coding RNA editing from evolutionary, structural, and dynamic perspectives. Proteins: Structure, Function and Bioinformatics, 2014, 82, 3117-3131.	1.5	15

#	Article	IF	CITATIONS
56	Altered spatio-temporal dynamics of RNase H2 complex assembly at replication and repair sites in Aicardi–GoutiÔres syndrome. Human Molecular Genetics, 2014, 23, 5950-5960.	1.4	32
57	Interferon Receptor Signaling in Malignancy: A Network of Cellular Pathways Defining Biological Outcomes. Molecular Cancer Research, 2014, 12, 1691-1703.	1.5	77
58	Conflict RNA modification, host–parasite co-evolution, and the origins of DNA and DNA-binding proteins1. Biochemical Society Transactions, 2014, 42, 1159-1167.	1.6	4
59	Aicardi-Goutières Syndrome Is Caused by IFIH1 Mutations. American Journal of Human Genetics, 2014, 95, 121-125.	2.6	175
60	Intracranial calcification in childhood: a review of aetiologies and recognizable phenotypes. Developmental Medicine and Child Neurology, 2014, 56, 612-626.	1.1	132
61	Activated STING in a Vascular and Pulmonary Syndrome. New England Journal of Medicine, 2014, 371, 507-518.	13.9	1,074
62	Imaging Manifestations of the Leukodystrophies, Inherited Disorders of White Matter. Radiologic Clinics of North America, 2014, 52, 279-319.	0.9	27
63	An RNA Editor, Adenosine Deaminase Acting on Double-Stranded RNA (ADAR1). Journal of Interferon and Cytokine Research, 2014, 34, 437-446.	0.5	59
64	Blood gene expression profiling in pediatric systemic lupus erythematosus and systemic juvenile idiopathic arthritis: from bench to bedside. Pediatric Rheumatology, 2014, 12, 16.	0.9	11
65	Bilateral striatal necrosis in two subjects with Aicardi–GoutiÔres syndrome due to mutations in <i>ADAR1</i> (<i>AGS6</i>). American Journal of Medical Genetics, Part A, 2014, 164, 815-819.	0.7	30
66	Discovery of single-gene inborn errors of immunity by next generation sequencing. Current Opinion in Immunology, 2014, 30, 17-23.	2.4	83
67	Ribonuclease H2 in health and disease. Biochemical Society Transactions, 2014, 42, 717-725.	1.6	37
68	The Influence of LINE-1 and SINE Retrotransposons on Mammalian Genomes. Microbiology Spectrum, 2015, 3, MDNA3-0061-2014.	1.2	236
70	Phosphorylation of murine SAMHD1 regulates its antiretroviral activity. Retrovirology, 2015, 12, 103.	0.9	48
72	A Fluorescent Adenosine Analogue as a Substrate for an Aâ€ŧoâ€ŀ RNA Editing Enzyme. Angewandte Chemie - International Edition, 2015, 54, 8713-8716.	7.2	30
73	Unusual cutaneous features associated with a heterozygous gain-of-function mutation in <i>IFIH1</i> : overlap between Aicardi-Goutià res and Singleton-Merten syndromes. British Journal of Dermatology, 2015, 173, 1505-1513.	1.4	76
74	The Influence of LINE-1 and SINE Retrotransposons on Mammalian Genomes. , 0, , 1165-1208.		25
75	New Insights into the Biological Role of Mammalian ADARs; the RNA Editing Proteins. Biomolecules, 2015, 5, 2338-2362.	1.8	66

#	Article	IF	CITATIONS
76	The Danger Model Approach to the Pathogenesis of the Rheumatic Diseases. Journal of Immunology Research, 2015, 2015, 1-23.	0.9	14
77	Defective removal of ribonucleotides from DNA promotes systemic autoimmunity. Journal of Clinical Investigation, 2015, 125, 413-424.	3.9	190
78	Phenotypic Variation in Aicardi–GoutiÔres Syndrome Explained by Cell-Specific IFN-Stimulated Gene Response and Cytokine Release. Journal of Immunology, 2015, 194, 3623-3633.	0.4	37
79	Aicardi–Goutières syndrome and the type I interferonopathies. Nature Reviews Immunology, 2015, 15, 429-440.	10.6	705
80	Type I interferonopathies—an expanding disease spectrum of immunodysregulation. Seminars in Immunopathology, 2015, 37, 349-357.	2.8	43
81	Reduction of hRNase H2 activity in Aicardi–GoutiÔres syndrome cells leads to replication stress and genome instability. Human Molecular Genetics, 2015, 24, 649-658.	1.4	67
82	Genetics and molecular biology of brain calcification. Ageing Research Reviews, 2015, 22, 20-38.	5.0	38
83	Immunomodulation by IVIg and the Role of Fc-Gamma Receptors: Classic Mechanisms of Action after all?. Frontiers in Immunology, 2014, 5, 674.	2.2	105
84	Isoforms of RNA-Editing Enzyme ADAR1 Independently Control Nucleic Acid Sensor MDA5-Driven Autoimmunity and Multi-organ Development. Immunity, 2015, 43, 933-944.	6.6	373
85	Early-Onset Aicardi-Goutières Syndrome. Journal of Child Neurology, 2015, 30, 1343-1348.	0.7	33
86	Recognition of duplex RNA by the deaminase domain of the RNA editing enzyme ADAR2. Nucleic Acids Research, 2015, 43, 1123-1132.	6.5	38
87	Disease specific therapies in leukodystrophies and leukoencephalopathies. Molecular Genetics and Metabolism, 2015, 114, 527-536.	0.5	45
88	Aicardi–Goutières syndrome harbours abundant systemic and brain-reactive autoantibodies. Annals of the Rheumatic Diseases, 2015, 74, 1931-1939.	0.5	35
89	Characterization of human disease phenotypes associated with mutations in <i>TREX1</i> , <i>RNASEH2A</i> , <i>RNASEH2B</i> , <i>RNASEH2C</i> , <i>SAMHD1</i> , <i>ADAR</i> , and <i>IFIH1</i> . American Journal of Medical Genetics, Part A, 2015, 167, 296-312.	0.7	447
90	Prenatal Diagnosis of Aicardiâ€Goutières Syndrome: A Sonographic Mimicry of Cytomegalovirus Fetopathy. Journal of Ultrasound in Medicine, 2015, 34, 169-171.	0.8	3
91	ADAR1 is required for differentiation and neural induction by regulating microRNA processing in a catalytically independent manner. Cell Research, 2015, 25, 459-476.	5.7	73
93	Genomic analysis of ADAR1 binding and its involvement in multiple RNA processing pathways. Nature Communications, 2015, 6, 6355.	5.8	127
94	RNA rewriting, recoding, and rewiring in human disease. Trends in Molecular Medicine, 2015, 21, 549-559.	3.5	60

#	Article	IF	Citations
95	RNA editing by ADAR1 prevents MDA5 sensing of endogenous dsRNA as nonself. Science, 2015, 349, 1115-1120.	6.0	661
96	Biochemical and Transcriptome-Wide Identification of A-to-I RNA Editing Sites by ICE-Seq. Methods in Enzymology, 2015, 560, 331-353.	0.4	3
97	The eukaryotic elongation factor eEF1A1 interacts with SAMHD1. Biochemical Journal, 2015, 466, 69-76.	1.7	14
98	Characterization of <i>samhd1</i> Morphant Zebrafish Recapitulates Features of the Human Type I Interferonopathy Aicardi-Goutières Syndrome. Journal of Immunology, 2015, 194, 2819-2825.	0.4	36
99	Emerging Treatments for Pediatric Leukodystrophies. Pediatric Clinics of North America, 2015, 62, 649-666.	0.9	14
100	RNA degradation in antiviral immunity and autoimmunity. Trends in Immunology, 2015, 36, 179-188.	2.9	76
101	Transcriptome-wide identification of adenosine-to-inosine editing using the ICE-seq method. Nature Protocols, 2015, 10, 715-732.	5.5	67
102	Diverse selective regimes shape genetic diversity at <i>ADAR</i> genes and at their coding targets. RNA Biology, 2015, 12, 149-161.	1.5	9
103	Monogenic autoinflammatory diseases: Cytokinopathies. Cytokine, 2015, 74, 237-246.	1.4	32
104	A Phenotypic Screen for Functional Mutants of Human Adenosine Deaminase Acting on RNA 1. ACS Chemical Biology, 2015, 10, 2512-2519.	1.6	23
106	Interferons and the Immunogenic Effects of Cancer Therapy. Trends in Immunology, 2015, 36, 725-737.	2.9	107
107	Nucleic Acid–Sensing Receptors: Rheostats of Autoimmunity and Autoinflammation. Journal of Immunology, 2015, 195, 3507-3512.	0.4	68
108	Type I interferon dysregulation and neurological disease. Nature Reviews Neurology, 2015, 11, 515-523.	4.9	43
109	STAT2-dependent induction of RNA adenosine deaminase ADAR1 by type I interferon differs between mouse and human cells in the requirement for STAT1. Virology, 2015, 485, 363-370.	1.1	18
110	Structures of archaeal DNA segregation machinery reveal bacterial and eukaryotic linkages. Science, 2015, 349, 1120-1124.	6.0	49
111	SAMHD1 prevents autoimmunity by maintaining genome stability. Annals of the Rheumatic Diseases, 2015, 74, e17-e17.	0.5	133
112	Evidence for multiple, distinct ADAR-containing complexes in <i>Xenopus laevis</i> . Rna, 2015, 21, 279-295.	1.6	1
113	Targeting of type I interferon in systemic autoimmune diseases. Translational Research, 2015, 165, 296-305.	2.2	95

#	Article	IF	CITATIONS
114	Type I interferonopathies: Mendelian type I interferon up-regulation. Current Opinion in Immunology, 2015, 32, 7-12.	2.4	160
115	A Possible Genotype-Phenotype Correlation in Ashkenazi-Jewish Individuals With Aicardi-Goutières Syndrome Associated With SAMHD1 Mutation. Journal of Child Neurology, 2015, 30, 490-495.	0.7	2
116	ADAR1 is vital for B cell lineage development in the mouse bone marrow. Oncotarget, 2016, 7, 54370-54379.	0.8	21
117	Reprogramming, Circular Reasoning and Self versus Non-self: One-Stop Shopping with RNA Editing. Frontiers in Genetics, 2016, 7, 100.	1.1	7
118	The Enemy within: Innate Surveillance-Mediated Cell Death, the Common Mechanism of Neurodegenerative Disease. Frontiers in Neuroscience, 2016, 10, 193.	1.4	30
119	Functions of the RNA Editing Enzyme ADAR1 and Their Relevance to Human Diseases. Genes, 2016, 7, 129.	1.0	58
120	Bilateral striatal necrosis caused by ADAR mutations in two siblings with dystonia and freckles-like skin changes that should be differentiated from Leigh syndrome. Folia Neuropathologica, 2016, 4, 405-409.	0.5	8
121	HIV replication. Current Opinion in HIV and AIDS, 2016, 11, 173-181.	1.5	26
122	Genetics of systemic lupus erythematosus and Sjögren's syndrome: an update. Current Opinion in Rheumatology, 2016, 28, 506-514.	2.0	53
123	<scp>ADAR1</scp> , inosine and the immune sensing system: distinguishing self from nonâ€self. Wiley Interdisciplinary Reviews RNA, 2016, 7, 157-172.	3.2	54
124	Harnessing human ADAR2 for RNA repair – Recoding a PINK1 mutation rescues mitophagy. Nucleic Acids Research, 2017, 45, gkw911.	6.5	88
125	Primary immunodeficiencies suggest redundancy within the human immune system. Science Immunology, 2016, 1, .	5.6	33
126	Ribonuclease H2 mutations induce a <scp>cGAS</scp> / <scp>STING</scp> â€dependent innate immune response. EMBO Journal, 2016, 35, 831-844.	3.5	200
127	A novel mutation of the RNA-specific adenosine deaminase 1 gene inÂaÂTaiwanese patient with dyschromatosis symmetrica hereditaria andÂBecker's nevus-like lesion. Dermatologica Sinica, 2016, 34, 110-111.	0.2	1
128	The role of RNA editing by ADAR1 in prevention of innate immune sensing of self-RNA. Journal of Molecular Medicine, 2016, 94, 1095-1102.	1.7	26
129	Editing of Cellular Self-RNAs by Adenosine Deaminase ADAR1 Suppresses Innate Immune Stress Responses. Journal of Biological Chemistry, 2016, 291, 6158-6168.	1.6	127
130	Neurological Disorders Associated with Striatal Lesions: Classification and Diagnostic Approach. Current Neurology and Neuroscience Reports, 2016, 16, 54.	2.0	23
131	Rapid and dynamic transcriptome regulation by RNA editing and RNA modifications. Journal of Cell Biology, 2016, 213, 15-22.	2.3	115

	CITATION R	EPORT	
#	ARTICLE	IF	CITATIONS
132	selectivity. Nature Structural and Molecular Biology, 2016, 23, 426-433.	3.6	154
133	Recognition of Endogenous Nucleic Acids by the Innate Immune System. Immunity, 2016, 44, 739-754.	6.6	390
134	RNA modifications: what have we learned and where are we headed?. Nature Reviews Genetics, 2016, 17, 365-372.	7.7	215
135	Adenosine-to-inosine RNA editing controls cathepsin S expression in atherosclerosis by enabling HuR-mediated post-transcriptional regulation. Nature Medicine, 2016, 22, 1140-1150.	15.2	222
136	Insights from Mendelian Interferonopathies: Comparison of CANDLE, SAVI with AGS, Monogenic Lupus. Journal of Molecular Medicine, 2016, 94, 1111-1127.	1.7	101
137	Ubiquitin-dependent Turnover of Adenosine Deaminase Acting on RNA 1 (ADAR1) Is Required for Efficient Antiviral Activity of Type I Interferon. Journal of Biological Chemistry, 2016, 291, 24974-24985.	1.6	40
138	Immunoinflammatory diseases of the central nervous system – the tale of two cytokines. British Journal of Pharmacology, 2016, 173, 716-728.	2.7	29
139	New insights into the immunopathogenesis of systemic lupus erythematosus. Nature Reviews Rheumatology, 2016, 12, 716-730.	3.5	909
140	Neurologic Phenotypes Associated with Mutations in TREX1, RNASEH2A, RNASEH2B, RNASEH2C, SAMHD1, ADAR1, and IFIH1: Aicardi–GoutiÔres Syndrome and Beyond. Neuropediatrics, 2016, 47, 355-360.	0.3	127
141	Brief Report: Vitamin D Deficiency Is Associated With Endothelial Dysfunction and Increases Type I Interferon Gene Expression in a Murine Model of Systemic Lupus Erythematosus. Arthritis and Rheumatology, 2016, 68, 2929-2935.	2.9	30
142	Type I interferonopathies in pediatric rheumatology. Pediatric Rheumatology, 2016, 14, 35.	0.9	104
143	Type I interferon–mediated monogenic autoinflammation: The type I interferonopathies, a conceptual overview. Journal of Experimental Medicine, 2016, 213, 2527-2538.	4.2	359
144	Nucleotide modifications in messenger RNA and their role in development and disease. Biochemical Society Transactions, 2016, 44, 1385-1393.	1.6	32
145	Regulation of Human Endonuclease V Activity and Relocalization to Cytoplasmic Stress Granules. Journal of Biological Chemistry, 2016, 291, 21786-21801.	1.6	8
146	Endogenous Retroelements and the Host Innate Immune Sensors. Advances in Immunology, 2016, 132, 47-69.	1.1	43
147	Monogenic Lupus. Current Rheumatology Reports, 2016, 18, 71.	2.1	53
148	Probing RNA recognition by human ADAR2 using a high-throughput mutagenesis method. Nucleic Acids Research, 2016, 44, 9872-9880.	6.5	27
149	RPA and Rad51 constitute a cell intrinsic mechanism to protect the cytosol from self DNA. Nature Communications, 2016, 7, 11752.	5.8	127

#	Article	IF	CITATIONS
150	Clinical and pathologic features of Aicardi–Goutières syndrome due to an <i>IFIH1</i> mutation: A pediatric case report. American Journal of Medical Genetics, Part A, 2016, 170, 1317-1324.	0.7	14
151	Human USP18 deficiency underlies type 1 interferonopathy leading to severe pseudo-TORCH syndrome. Journal of Experimental Medicine, 2016, 213, 1163-1174.	4.2	224
152	Dyschromatosis Symmetrica Hereditaria and Aicardi-Goutières Syndrome 6 Are Phenotypic Variants Caused by ADAR1 Mutations. Journal of Investigative Dermatology, 2016, 136, 875-878.	0.3	36
153	Complex regulation of ADAR-mediated RNA-editing across tissues. BMC Genomics, 2016, 17, 61.	1.2	69
154	Rare autoimmune disorders with Mendelian inheritance. Autoimmunity, 2016, 49, 285-297.	1.2	4
155	Synergy between Hematopoietic and Radioresistant Stromal Cells Is Required for Autoimmune Manifestations of DNase Ilâ²'/â²'IFNaRâ²'/â² Mice. Journal of Immunology, 2016, 196, 1348-1354.	0.4	11
156	Is the role of human RNase H2 restricted to its enzyme activity?. Progress in Biophysics and Molecular Biology, 2016, 121, 66-73.	1.4	17
157	A-to-I editing of coding and non-coding RNAs by ADARs. Nature Reviews Molecular Cell Biology, 2016, 17, 83-96.	16.1	717
158	Novel interferonopathies associated with mutations in RIG-I like receptors. Cytokine and Growth Factor Reviews, 2016, 29, 101-107.	3.2	21
159	Neuroimaging in Aicardi-Goutières syndrome. Neurology, 2016, 86, 15-16.	1.5	3
160	Neuroradiologic patterns and novel imaging findings in Aicardi-Goutières syndrome. Neurology, 2016, 86, 28-35.	1.5	59
161	Post-Transcriptional Gene Regulation. Methods in Molecular Biology, 2016, 1358, v-viii.	0.4	3
162	Genome-Wide Analysis of A-to-I RNA Editing. Methods in Molecular Biology, 2016, 1358, 255-268.	0.4	4
163	ADAR1 deletion induces NF <i>κ</i> B and interferon signaling dependent liver inflammation and fibrosis. RNA Biology, 2017, 14, 587-602.	1.5	38
164	How do ADARs bind RNA? New proteinâ€RNA structures illuminate substrate recognition by the RNA editing ADARs. BioEssays, 2017, 39, 1600187.	1.2	41
165	Synthesis of native-like crosslinked duplex RNA and study of its properties. Bioorganic and Medicinal Chemistry, 2017, 25, 2191-2199.	1.4	7
166	Interferon-Stimulated Gene Expression as a Preferred Biomarker for Disease Activity in Aicardi–Goutières Syndrome. Journal of Interferon and Cytokine Research, 2017, 37, 147-152.	0.5	8
167	A SAMHD1 mutation associated with Aicardi-Goutières syndrome uncouples the ability of SAMHD1 to restrict HIV-1 from its ability to downmodulate type I interferon in humans. Human Mutation, 2017, 38, 658-668.	1.1	31

	CITA	tion Report	
#	Article	IF	CITATIONS
168	Intracellular Nucleic Acid Detection in Autoimmunity. Annual Review of Immunology, 2017, 35, 313-336	. 9.5	176
169	Immune defects caused by mutations in the ubiquitin system. Journal of Allergy and Clinical Immunology, 2017, 139, 743-753.	1.5	12
170	Genetic, Phenotypic, and Interferon Biomarker Status in ADAR1-Related Neurological Disease. Neuropediatrics, 2017, 48, 166-184.	0.3	62
171	Updated review of genetic reticulate pigmentary disorders. British Journal of Dermatology, 2017, 177, 945-959.	1.4	38
172	DNA editing in DNA/RNA hybrids by adenosine deaminases that act on RNA. Nucleic Acids Research, 201 45, gkx050.	7, 6.5	53
173	Ultrastructural study of dyschromatosis symmetrica hereditaria with widespread pigmentary eruption. Journal of Dermatology, 2017, 44, e150-e151.	0.6	2
174	Discrimination of Self and Non-Self Ribonucleic Acids. Journal of Interferon and Cytokine Research, 2017, 37, 184-197.	0.5	31
175	ADAR deaminase A-to-I editing of DNA and RNA moieties of RNA:DNA hybrids has implications for the mechanism of Ig somatic hypermutation. DNA Repair, 2017, 55, 1-6.	1.3	15
176	MDA5-Associated Neuroinflammation and the Singleton–Merten Syndrome: Two Faces of the Same Ty I Interferonopathy Spectrum. Journal of Interferon and Cytokine Research, 2017, 37, 214-219.	ype 0.5	21
177	The RNA Exosome Syncs IAV-RNAPII Transcription to Promote Viral Ribogenesis and Infectivity. Cell, 2017, 169, 679-692.e14.	13.5	48
178	Roles of <scp>SAMHD1</scp> in antiviral defense, autoimmunity and cancer. Reviews in Medical Virology, 2017, 27, e1931.	3.9	33
179	Type I interferon pathway in CNS homeostasis and neurological disorders. Glia, 2017, 65, 1397-1406.	2.5	117
180	Regulating STING in health and disease. Journal of Inflammation, 2017, 14, 11.	1.5	72
181	Polymorphisms in IFIH1: the good and the bad. Nature Immunology, 2017, 18, 708-709.	7.0	7
182	A Hippo in the Fox(p3) house. Nature Immunology, 2017, 18, 709-711.	7.0	2
183	Restricting retrotransposons: ADAR1 is another guardian of the human genome. RNA Biology, 2017, 14, 1485-1491.	1.5	14
184	Microglial Interferon Signaling and White Matter. Neurochemical Research, 2017, 42, 2625-2638.	1.6	42
185	ADAR1-mediated 3′ UTR editing and expression control of antiapoptosis genes fine-tunes cellular apoptosis response. Cell Death and Disease, 2017, 8, e2833-e2833.	2.7	37

ARTICLE IF CITATIONS The A946T variant of the RNA sensor IFIH1 mediates an interferon program that limits viral infection 7.0 119 186 but increases the risk for autoimmunity. Nature Immunology, 2017, 18, 744-752. ADAR RNA editing below the backbone. Rna, 2017, 23, 1317-1328. 1.6 188 A to I editing in disease is not fake news. RNA Biology, 2017, 14, 1223-1231. 1.5 21 Type I interferon–mediated autoimmune diseases: pathogenesis, diagnosis and targeted therapy. 0.9 Rheumatology, 2017, 56, kew431. Nucleic Acid Immunity. Advances in Immunology, 2017, 133, 121-169. 190 1.1 205 Assessment of Type I Interferon Signaling in Pediatric Inflammatory Disease. Journal of Clinical <u>Immunology, 2017, 37, 123-132.</u> Effects of Aicardi-Goutià res syndrome mutations predicted from ADAR-RNA structures. RNA Biology, 192 1.5 22 2017, 14, 164-170. The Other Face of an Editor: ADAR1 Functions in Editingâ€Independent Ways. BioEssays, 2017, 39, 1700129. 1.2 Small molecule inhibition of cGAS reduces interferon expression in primary macrophages from 194 5.8 202 autoimmune mice. Nature Communications, 2017, 8, 750. In cancer, A-to-I RNA editing can be the driver, the passenger, or the mechanic. Drug Resistance 6.5 Updates, 2017, 32, 16-22. The role of MDA5 in the development of autoimmune disease. Journal of Leukocyte Biology, 2018, 103, 196 1.5 17 185-192. Rare ADAR and RNASEH2B variants and a type I interferon signature in glioma and prostate carcinoma 3.9 risk and tumorigenesis. Acta Neuropathologica, 2017, 134, 905-922. Lack of Trex1 Causes Systemic Autoimmunity despite the Presence of Antiretroviral Drugs. Journal of 198 0.4 31 Immunology, 2017, 199, 2261-2269. $\label{eq:scp} RNA < |scp> a \in editing enzymes < scp> ADAR < |scp> 1 and < scp> ADAR < |scp> 2 coordinately regulate the editing and expression of <i> Ctn < scp> RNA < |scp> < |i> . FEBS Letters, 2017, 591, 2890-2904.$ 199 1.3 23 200 ADAR RNA editing in human disease; more to it than meets the I. Human Genetics, 2017, 136, 1265-1278. 110 1.8 Genomics of Systemic Lupus Erythematosus. Rheumatic Disease Clinics of North America, 2017, 43, 36 415-434. The monogenic autoinflammatory diseases define new pathways in human innate immunity and 202 7.0 301 inflammation. Nature Immunology, 2017, 18, 832-842. Neonatal detection of Aicardi GoutiÃ" res Syndrome by increased C26:0 lysophosphatidylcholine and interferon signature on newborn screening blood spots. Molecular Genetics and Metabolism, 2017, 122, 134-139.

#	Article	IF	CITATIONS
204	Modeling of TREX1-Dependent Autoimmune Disease using Human Stem Cells Highlights L1 Accumulation as a Source of Neuroinflammation. Cell Stem Cell, 2017, 21, 319-331.e8.	5.2	254
205	Adenosine Deaminases That Act on RNA (ADARs). The Enzymes, 2017, 41, 215-268.	0.7	29
206	Literature review of baseline information to support the risk assessment of RNAiâ€based GM plants. EFSA Supporting Publications, 2017, 14, 1246E.	0.3	15
207	Epitranscriptomic profiling across cell types reveals associations between APOBEC1-mediated RNA editing, gene expression outcomes, and cellular function. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 13296-13301.	3.3	33
208	Type I interferon-mediated autoinflammation and autoimmunity. Current Opinion in Immunology, 2017, 49, 96-102.	2.4	68
209	AIM2-Like Receptors Positively and Negatively Regulate the Interferon Response Induced by Cytosolic DNA. MBio, 2017, 8, .	1.8	49
210	RNA Editing in Pathogenesis of Cancer. Cancer Research, 2017, 77, 3733-3739.	0.4	60
211	The Type I Interferonopathies. Annual Review of Medicine, 2017, 68, 297-315.	5.0	163
212	Tartrateâ€Resistant Acid Phosphatase Deficiency in the Predisposition to Systemic Lupus Erythematosus. Arthritis and Rheumatology, 2017, 69, 131-142.	2.9	47
213	Immune-Mediated Diseases of the Central Nervous System. Pediatric Clinics of North America, 2017, 64, 57-90.	0.9	4
214	Genetic interferonopathies: An overview. Best Practice and Research in Clinical Rheumatology, 2017, 31, 441-459.	1.4	31
215	Genetics of Rheumatic Diseases. , 2017, , 327-343.		0
216	RNA Editing, ADAR1, and the Innate Immune Response. Genes, 2017, 8, 41.	1.0	36
217	Reverse Transcriptase Mechanism of Somatic Hypermutation: 60 Years of Clonal Selection Theory. Frontiers in Immunology, 2017, 8, 1611.	2.2	10
218	Applying Human ADAR1p110 and ADAR1p150 for Site-Directed RNA Editing—G/C Substitution Stabilizes GuideRNAs against Editing. Genes, 2017, 8, 34.	1.0	25
219	Population and allelic variation of A-to-I RNA editing in human transcriptomes. Genome Biology, 2017, 18, 143.	3.8	41
220	Protein recoding by ADAR1-mediated RNA editing is not essential for normal development and homeostasis. Genome Biology, 2017, 18, 166.	3.8	64
221	Editing inducer elements increases A-to-I editing efficiency in the mammalian transcriptome. Genome Biology, 2017, 18, 195.	3.8	33

	CITATION	Report	
#	Article	IF	CITATIONS
222	Rewriting the transcriptome: adenosine-to-inosine RNA editing by ADARs. Genome Biology, 2017, 18, 205.	3.8	161
223	Selective Recognition of RNA Substrates by ADAR Deaminase Domains. Biochemistry, 2018, 57, 1640-1651.	1.2	35
224	Analysis of RNA Editing Sites from RNA-Seq Data Using GIREMI. Methods in Molecular Biology, 2018, 1751, 101-108.	0.4	7
225	DNA damage induces a SAMHD1-mediated block to the infection of macrophages by HIV-1. Scientific Reports, 2018, 8, 4153.	1.6	12
226	Warning SINEs: Alu elements, evolution of the human brain, and the spectrum of neurological disease. Chromosome Research, 2018, 26, 93-111.	1.0	55
227	Transcriptome Data Analysis. Methods in Molecular Biology, 2018, , .	0.4	3
228	Therapeutic Approaches to Type I Interferonopathies. Current Rheumatology Reports, 2018, 20, 32.	2.1	23
229	A-to-I RNA editing — immune protector and transcriptome diversifier. Nature Reviews Genetics, 2018, 19, 473-490.	7.7	402
230	Bilateral striatal necrosis and dyschromatosis symmetrica hereditaria: A-I editing efficiency of <i>ADAR1</i> mutants and phenotype expression. British Journal of Dermatology, 2018, 179, 509-511.	1.4	7
231	Increased RNA Editing May Provide a Source for Autoantigens in Systemic Lupus Erythematosus. Cell Reports, 2018, 23, 50-57.	2.9	91
232	ADAR1 and PKR, interferon stimulated genes with clashing effects on HIV-1 replication. Cytokine and Growth Factor Reviews, 2018, 40, 48-58.	3.2	25
233	RIG-I-Like Receptor and Toll-Like Receptor Signaling Pathways Cause Aberrant Production of Inflammatory Cytokines/Chemokines in a Severe Fever with Thrombocytopenia Syndrome Virus Infection Mouse Model. Journal of Virology, 2018, 92, .	1.5	40
234	Breaching Self-Tolerance to Alu Duplex RNA Underlies MDA5-Mediated Inflammation. Cell, 2018, 172, 797-810.e13.	13.5	306
235	Human ADAR1 Prevents Endogenous RNA from Triggering Translational Shutdown. Cell, 2018, 172, 811-824.e14.	13.5	375
236	Post-transcriptional regulation of LINE-1 retrotransposition by AID/APOBEC and ADAR deaminases. Chromosome Research, 2018, 26, 45-59.	1.0	26
237	Active Ebola Virus Replication and Heterogeneous Evolutionary Rates in EVD Survivors. Cell Reports, 2018, 22, 1159-1168.	2.9	37
238	Microglial Phenotypes and Functions in Multiple Sclerosis. Cold Spring Harbor Perspectives in Medicine, 2018, 8, a028993.	2.9	73
239	A central role for PI3K-AKT signaling pathway in linking SAMHD1-deficiency to the type I interferon signature. Scientific Reports, 2018, 8, 84.	1.6	29

#	Article	IF	CITATIONS
240	SAMHD1: Recurring roles in cell cycle, viral restriction, cancer, and innate immunity. Autoimmunity, 2018, 51, 96-110.	1.2	43
241	Decreased A-to-I RNA editing as a source of keratinocytes' dsRNA in psoriasis. Rna, 2018, 24, 828-840.	1.6	34
242	LINE1 contributes to autoimmunity through both RIG-I- and MDA5-mediated RNA sensing pathways. Journal of Autoimmunity, 2018, 90, 105-115.	3.0	64
243	Autoimmune Encephalitis in Children. Journal of Pediatric Neurology, 2018, 16, 192-201.	0.0	1
244	Phenotypic and Molecular Spectrum of Aicardi-Goutières Syndrome: A Study of 24 Patients. Pediatric Neurology, 2018, 78, 35-40.	1.0	40
245	<i><scp>ADAR</scp>1</i> splicing mutation leading to dyschromatosis hereditaria in a Caucasian patient. Journal of the European Academy of Dermatology and Venereology, 2018, 32, e79-e80.	1.3	1
246	ADARs and editing: The role of A-to-I RNA modification in cancer progression. Seminars in Cell and Developmental Biology, 2018, 79, 123-130.	2.3	80
247	Variable clinical phenotype in two siblings with Aicardi-Goutières syndrome type 6 and a novel mutation in the ADAR gene. European Journal of Paediatric Neurology, 2018, 22, 186-189.	0.7	18
248	Eight Novel Mutations of the <i>ADAR1</i> Gene in Chinese Patients with Dyschromatosis Symmetrica Hereditaria. Genetic Testing and Molecular Biomarkers, 2018, 22, 104-108.	0.3	6
249	Adenosine-to-Inosine RNA Editing in Health and Disease. Antioxidants and Redox Signaling, 2018, 29, 846-863.	2.5	34
250	SAMHD1: mechanisms of regulation and viral evasion. Virologie, 2018, 22, 29-38.	0.1	0
251	Sensing Self and Non-Self DNA by Innate Immune Receptors and Their Signaling Pathways. Critical Reviews in Immunology, 2018, 38, 279-301.	1.0	11
254	Vasculopathy, Immunodeficiency, and Bone Marrow Failure: The Intriguing Syndrome Caused by Deficiency of Adenosine Deaminase 2. Frontiers in Pediatrics, 2018, 6, 282.	0.9	63
255	T time for <scp>ADAR</scp> : <scp>ADAR</scp> 1 is required for T cell selfâ€ŧolerance. EMBO Reports, 2018, 19, .	2.0	15
256	Monogenic Lupus: A Developing Paradigm of Disease. Frontiers in Immunology, 2018, 9, 2496.	2.2	105
257	Stability of RNA duplexes containing inosine·cytosine pairs. Nucleic Acids Research, 2018, 46, 12099-12108.	6.5	27
258	RNome and Chromatin Dynamics. , 2018, , 79-112.		0
259	The Role of RNA Editing in Cancer Development and Metabolic Disorders. Frontiers in Endocrinology, 2018, 9, 762.	1.5	70

#	Article	IF	CITATIONS
260	Identification of ADAR1 adenosine deaminase dependency in a subset of cancer cells. Nature Communications, 2018, 9, 5450.	5.8	157
261	ADAR1 silencing-induced HUVEC apoptosis is mediated by FGFR2 under hypoxia stress. Drug Design, Development and Therapy, 2018, Volume 12, 4181-4189.	2.0	8
262	Extensive editing of cellular and viral double-stranded RNA structures accounts for innate immunity suppression and the proviral activity of ADAR1p150. PLoS Biology, 2018, 16, e2006577.	2.6	76
263	The Goldilocks Zone of Type I IFNs: Lessons from Human Genetics. Journal of Immunology, 2018, 201, 3479-3485.	0.4	26
264	RNA editing derived epitopes function as cancer antigens to elicit immune responses. Nature Communications, 2018, 9, 3919.	5.8	120
265	<scp>ADAR</scp> 1â€mediated <scp>RNA</scp> editing is required for thymic selfâ€tolerance and inhibition of autoimmunity. EMBO Reports, 2018, 19, .	2.0	47
267	Acute microglia ablation induces neurodegeneration in the somatosensory system. Nature Communications, 2018, 9, 4578.	5.8	55
268	The classification, genetic diagnosis and modelling of monogenic autoinflammatory disorders. Clinical Science, 2018, 132, 1901-1924.	1.8	22
269	Aicardi goutières syndrome is associated with pulmonary hypertension. Molecular Genetics and Metabolism, 2018, 125, 351-358.	0.5	35
270	A survey on cellular RNA editing activity in response to Candida albicans infections. BMC Genomics, 2018, 19, 43.	1.2	4
271	All I's on the <scp>RADAR</scp> : role of <scp>ADAR</scp> in gene regulation. FEBS Letters, 2018, 592, 2860-2873.	1.3	31
272	Autosomal-dominant early-onset spastic paraparesis with brain calcification due to <i>IFIH1</i> gain-of-function. Human Mutation, 2018, 39, 1076-1080.	1.1	8
273	Dyschromatosis symmetrica hereditaria with chilblains due to a novel twoâ€aminoâ€acid deletion in the doubleâ€stranded <scp>RNA</scp> â€binding domain of <scp>ADAR</scp> 1. Journal of the European Academy of Dermatology and Venereology, 2018, 32, e394-e396.	1.3	3
274	RNase H2, mutated in Aicardiâ€Goutières syndrome, promotes LINEâ€1 retrotransposition. EMBO Journal, 2018, 37, .	3.5	67
275	Dynamic temperature-sensitive A-to-I RNA editing in the brain of a heterothermic mammal during hibernation. Rna, 2018, 24, 1481-1495.	1.6	31
276	RNA Editing and Retrotransposons in Neurology. Frontiers in Molecular Neuroscience, 2018, 11, 163.	1.4	22
277	DNA Damage and Deficiencies in the Mechanisms of Its Repair: Implications in the Pathogenesis of Systemic Lupus Erythematosus. Journal of Immunology Research, 2018, 2018, 1-18.	0.9	21
278	Transposable element dysregulation in systemic lupus erythematosus and regulation by histone conformation and Hsp90. Clinical Immunology, 2018, 197, 6-18.	1.4	11

#	Article	IF	CITATIONS
279	SAMHD1 deficient human monocytes autonomously trigger type I interferon. Molecular Immunology, 2018, 101, 450-460.	1.0	20
280	<scp>RNA</scp> editing of Filamin A pre― <scp>mRNA</scp> regulates vascular contraction and diastolic blood pressure. EMBO Journal, 2018, 37, .	3.5	86
281	Constitutively Active MDA5 Proteins Are Inhibited by Paramyxovirus V Proteins. Journal of Interferon and Cytokine Research, 2018, 38, 319-332.	0.5	9
282	Tumor-associated intronic editing of HNRPLL generates a novel splicing variant linked to cell proliferation. Journal of Biological Chemistry, 2018, 293, 10158-10171.	1.6	18
283	Neuroimmune disorders of the central nervous system in children in the molecular era. Nature Reviews Neurology, 2018, 14, 433-445.	4.9	41
284	Comparable type I interferon score determination from PAXgene and Tempus whole blood RNA collection and isolation systems. BMC Research Notes, 2019, 12, 511.	0.6	5
285	ADAR1: "Editor-in-Chief―of Cytoplasmic Innate Immunity. Frontiers in Immunology, 2019, 10, 1763.	2.2	137
286	RNA Editing by ADAR Adenosine Deaminases: From Molecular Plasticity of Neural Proteins to the Mechanisms of Human Cancer. Biochemistry (Moscow), 2019, 84, 896-904.	0.7	12
287	Diseases of the nERVous system: retrotransposon activity in neurodegenerative disease. Mobile DNA, 2019, 10, 32.	1.3	91
288	The missing link: allostery and catalysis in the anti-viral protein SAMHD1. Biochemical Society Transactions, 2019, 47, 1013-1027.	1.6	12
289	The role of nucleic acid sensors and type I IFNs in patient populations and animal models of autoinflammation. Current Opinion in Immunology, 2019, 61, 74-79.	2.4	5
290	Juvenile-onset systemic lupus erythematosus: Update on clinical presentation, pathophysiology and treatment options. Clinical Immunology, 2019, 209, 108274.	1.4	94
291	Methods to detect endogenous dsRNA induction and recognition. Methods in Enzymology, 2019, 629, 35-51.	0.4	4
292	Double-stranded RNA deaminase ADAR1 promotes the Zika virus replication by inhibiting the activation of protein kinase PKR. Journal of Biological Chemistry, 2019, 294, 18168-18180.	1.6	30
293	Genome-wide quantification of ADAR adenosine-to-inosine RNA editing activity. Nature Methods, 2019, 16, 1131-1138.	9.0	126
294	Animal models of leukodystrophy: a new perspective for the development of therapies. FEBS Journal, 2019, 286, 4176-4191.	2.2	14
295	Neuroglia in Neurodegenerative Diseases. Advances in Experimental Medicine and Biology, 2019, , .	0.8	18
296	RNA editing in the forefront of epitranscriptomics and human health. Journal of Translational Medicine, 2019, 17, 319.	1.8	86

#	Article	IF	CITATIONS
297	RNA binding candidates for human ADAR3 from substrates of a gain of function mutant expressed in neuronal cells. Nucleic Acids Research, 2019, 47, 10801-10814.	6.5	17
298	Dyschromatosis symmetrica hereditaria and reticulate acropigmentation of Kitamura: An update. Journal of Dermatological Science, 2019, 93, 75-81.	1.0	20
299	Double-Stranded RNA Sensors and Modulators in Innate Immunity. Annual Review of Immunology, 2019, 37, 349-375.	9.5	249
300	Genome-Wide Investigation and Functional Analysis of Sus scrofa RNA Editing Sites across Eleven Tissues. Genes, 2019, 10, 327.	1.0	12
301	Endogenous Nucleic Acid Recognition by RIG-I-Like Receptors and cGAS. Journal of Interferon and Cytokine Research, 2019, 39, 450-458.	0.5	29
302	Mosaic Tetrasomy 9p Associated With Inflammatory Bowel Disease. Journal of Crohn's and Colitis, 2019, 13, 1474-1478.	0.6	1
303	Explaining Pathogenicity of Congenital Zika and Guillain–Barré Syndromes: Does Dysregulation of RNA Editing Play a Role?. BioEssays, 2019, 41, 1800239.	1.2	14
304	Non-self mutation: double-stranded RNA elicits antiviral pathogenic response in a Drosophila model of expanded CAG repeat neurodegenerative diseases. Human Molecular Genetics, 2019, 28, 3000-3012.	1.4	5
305	Microglia responses to interleukinâ€6 and type I interferons in neuroinflammatory disease. Glia, 2019, 67, 1821-1841.	2.5	63
306	Fueling Type I Interferonopathies: Regulation and Function of Type I Interferon Antiviral Responses. Journal of Interferon and Cytokine Research, 2019, 39, 383-392.	0.5	18
307	RNA Biology Provides New Therapeutic Targets for Human Disease. Frontiers in Genetics, 2019, 10, 205.	1.1	42
308	Aicardi–GoutiÔres Syndrome associated mutations of RNase H2B impair its interaction with ZMYM3 and the CoREST histone-modifying complex. PLoS ONE, 2019, 14, e0213553.	1.1	5
309	Pediatric Evans syndrome is associated with a high frequency of potentially damaging variants in immune genes. Blood, 2019, 134, 9-21.	0.6	102
310	Biology of RNA Surveillance in Development and Disease. Trends in Cell Biology, 2019, 29, 428-445.	3.6	17
311	Genetic Interferonopathies. , 2019, , 433-453.		1
312	Pattern Recognition Receptors in Autoinflammation. , 2019, , 61-87.		2
313	Cytokines in Autoinflammation. , 2019, , 111-122.		0
314	OAS-RNase L innate immune pathway mediates the cytotoxicity of a DNA-demethylating drug. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5071-5076.	3.3	58

#	Article	IF	CITATIONS
315	Adenosine deaminase acting on RNA (ADAR1), a suppressor of double-stranded RNA–triggered innate immune responses. Journal of Biological Chemistry, 2019, 294, 1710-1720.	1.6	118
316	Re-analysis of whole-exome sequencing data uncovers novel diagnostic variants and improves molecular diagnostic yields for sudden death and idiopathic diseases. Genome Medicine, 2019, 11, 83.	3.6	54
317	Too much of a good thing: Detrimental effects of interferon. Seminars in Immunology, 2019, 43, 101282.	2.7	12
318	Diagnostic Yield of a Targeted Next-Generation Sequencing Gene Panel for Pediatric-Onset Movement Disorders: A 3-Year Cohort Study. Frontiers in Genetics, 2019, 10, 1026.	1.1	33
319	Interferon-signature in idiopathic inflammatory myopathies. Current Opinion in Rheumatology, 2019, 31, 634-642.	2.0	31
320	The Structural and Functional Properties of Z-DNA. Biophysics (Russian Federation), 2019, 64, 671-682.	0.2	4
321	MIRIA: a webserver for statistical, visual and meta-analysis of RNA editing data in mammals. BMC Bioinformatics, 2019, 20, 596.	1.2	3
322	Defining the functions of adenosine-to-inosine RNA editing through hematology. Current Opinion in Hematology, 2019, 26, 241-248.	1.2	6
323	The majority of A-to-I RNA editing is not required for mammalian homeostasis. Genome Biology, 2019, 20, 268.	3.8	68
324	A Balancing Act: MDA5 in Antiviral Immunity and Autoinflammation. Trends in Microbiology, 2019, 27, 75-85.	3.5	178
325	Transcriptome-wide identification of A-to-I RNA editing sites using ICE-seq. Methods, 2019, 156, 66-78.	1.9	14
326	Sensitive ADAR editing reporter in cancer cells enables high-throughput screening of small molecule libraries. Nucleic Acids Research, 2019, 47, e22-e22.	6.5	23
327	ADAR1 Editing and its Role in Cancer. Genes, 2019, 10, 12.	1.0	71
328	Tumor-derived IFN triggers chronic pathway agonism and sensitivity to ADAR loss. Nature Medicine, 2019, 25, 95-102.	15.2	240
329	Discrimination Between Self and Non-Self-Nucleic Acids by the Innate Immune System. International Review of Cell and Molecular Biology, 2019, 344, 1-30.	1.6	38
330	Modeling human RNA spliceosome mutations in the mouse: not all mice were created equal. Experimental Hematology, 2019, 70, 10-23.	0.2	13
331	Self-Awareness: Nucleic Acid–Driven Inflammation and the Type I Interferonopathies. Annual Review of Immunology, 2019, 37, 247-267.	9.5	111
332	ADAR1 Is Required for Dendritic Cell Subset Homeostasis and Alveolar Macrophage Function. Journal of Immunology, 2019, 202, 1099-1111.	0.4	24

#	Article	IF	CITATIONS
333	Intracellular RNA Sensing in Mammalian Cells: Role in Stress Response and Cancer Therapies. International Review of Cell and Molecular Biology, 2019, 344, 31-89.	1.6	30
334	Nucleoside analogs in the study of the epitranscriptome. Methods, 2019, 156, 46-52.	1.9	6
335	Editome Disease Knowledgebase (EDK): a curated knowledgebase of editome-disease associations in human. Nucleic Acids Research, 2019, 47, D78-D83.	6.5	28
336	The Role of Nucleic Acid Sensing in Controlling Microbial and Autoimmune Disorders. International Review of Cell and Molecular Biology, 2019, 345, 35-136.	1.6	26
337	Mendelian disease caused by variants affecting recognition of Z-DNA and Z-RNA by the Zα domain of the double-stranded RNA editing enzyme ADAR. European Journal of Human Genetics, 2020, 28, 114-117.	1.4	48
338	Monogenic autoinflammatory disorders: beyond the periodic fever. Internal Medicine Journal, 2020, 50, 151-164.	0.5	6
339	Increased adenosine-to-inosine RNA editing in rheumatoid arthritis. Journal of Autoimmunity, 2020, 106, 102329.	3.0	51
340	Regulation of cGAS- and RLR-mediated immunity to nucleic acids. Nature Immunology, 2020, 21, 17-29.	7.0	219
341	Type I IFN ineffectively activates neonatal dendritic cells limiting respiratory antiviral T-cell responses. Mucosal Immunology, 2020, 13, 371-380.	2.7	15
342	High-throughput mutagenesis reveals unique structural features of human ADAR1. Nature Communications, 2020, 11, 5130.	5.8	8
343	cGAS/STING: novel perspectives of the classic pathway. Molecular Biomedicine, 2020, 1, 7.	1.7	15
344	Animal Models for the Study of Nucleic Acid Immunity: Novel Tools and New Perspectives. Journal of Molecular Biology, 2020, 432, 5529-5543.	2.0	9
345	A phenolic small molecule inhibitor of RNase L prevents cell death from ADAR1 deficiency. Proceedings of the United States of America, 2020, 117, 24802-24812.	3.3	17
346	Zinc Finger RNA-Binding Protein Zn72D Regulates ADAR-Mediated RNA Editing in Neurons. Cell Reports, 2020, 31, 107654.	2.9	20
347	Identification of genetic variants controlling RNA editing and their effect on RNA structure stabilization. European Journal of Human Genetics, 2020, 28, 1753-1762.	1.4	5
348	The translational value of animal models in orphan medicines designations for rare paediatric neurological diseases. Regulatory Toxicology and Pharmacology, 2020, 118, 104810.	1.3	1
349	cGAS-mediated induction of type I interferon due to inborn errors of histone pre-mRNA processing. Nature Genetics, 2020, 52, 1364-1372.	9.4	105
350	Evans' Syndrome: From Diagnosis to Treatment. Journal of Clinical Medicine, 2020, 9, 3851.	1.0	50

#	Article	IF	CITATIONS
351	RNA Recognition and Immunity—Innate Immune Sensing and Its Posttranscriptional Regulation Mechanisms. Cells, 2020, 9, 1701.	1.8	37
352	Biallelic variants in <i>ADARB1</i> , encoding a dsRNA-specific adenosine deaminase, cause a severe developmental and epileptic encephalopathy. Journal of Medical Genetics, 2021, 58, 495-504.	1.5	14
353	RNA editing in mesothelioma: a look forward. Open Biology, 2020, 10, 200112.	1.5	4
354	Mutations in <i>COPA</i> lead to abnormal trafficking of STING to the Golgi and interferon signaling. Journal of Experimental Medicine, 2020, 217, .	4.2	130
355	Adenosine-to-Inosine RNA Editing of Alu Double-Stranded (ds)RNAs Is Markedly Decreased in Multiple Sclerosis and Unedited Alu dsRNAs Are Potent Activators of Proinflammatory Transcriptional Responses. Journal of Immunology, 2020, 205, 2606-2617.	0.4	17
356	Sensing of endogenous nucleic acids by ZBP1 induces keratinocyte necroptosis and skin inflammation. Journal of Experimental Medicine, 2020, 217, .	4.2	71
357	What do editors do? Understanding the physiological functions of A-to-I RNA editing by adenosine deaminase acting on RNAs. Open Biology, 2020, 10, 200085.	1.5	31
358	ALU non-B-DNA conformations, flipons, binary codes and evolution. Royal Society Open Science, 2020, 7, 200222.	1.1	30
359	Processing of <i>Alu</i> small RNAs by DICER/ADAR1 complexes and their RNAi targets. Rna, 2020, 26, 1801-1814.	1.6	10
360	8-Chloro-Adenosine Inhibits Proliferation of MDA-MB-231 and SK-BR-3 Breast Cancer Cells by Regulating ADAR1/p53 Signaling Pathway. Cell Transplantation, 2020, 29, 096368972095865.	1.2	14
361	How Retroviruses and Retrotransposons in Our Genome May Contribute to Autoimmunity in Rheumatological Conditions. Frontiers in Immunology, 2020, 11, 593891.	2.2	18
362	Identification and Spatiotemporal Expression of Adenosine Deaminases Acting on RNA (ADAR) during Earthworm Regeneration: Its Possible Implication in Muscle Redifferentiation. Biology, 2020, 9, 448.	1.3	4
363	Epigenetic Regulation of the Non-Coding Genome: Opportunities for Immuno-Oncology. Epigenomes, 2020, 4, 22.	0.8	6
364	Movement disorders in ADAR1 disease: Insights from a comprehensive cohort. Parkinsonism and Related Disorders, 2020, 79, 100-104.	1.1	6
365	The cell line A-to-I RNA editing catalogue. Nucleic Acids Research, 2020, 48, 5849-5858.	6.5	47
366	ADAR1-Dependent RNA Editing Promotes MET and iPSC Reprogramming by Alleviating ER Stress. Cell Stem Cell, 2020, 27, 300-314.e11.	5.2	22
367	T Cells Produce IFN-α in the TREX1 D18N Model of Lupus-like Autoimmunity. Journal of Immunology, 2020, 204, 348-359.	0.4	13
368	Novel RNASEH2C mutation in multiple members of a large family: insights into phenotypic spectrum of Aicardi-Goutières Syndrome. BMJ Neurology Open, 2020, 2, e000018.	0.7	1

#	Article	IF	CITATIONS
369	Type I Interferonopathies: from a Novel Concept to Targeted Therapeutics. Current Rheumatology Reports, 2020, 22, 32.	2.1	30
370	Type I Interferons in the Pathogenesis and Treatment of Autoimmune Diseases. Clinical Reviews in Allergy and Immunology, 2020, 59, 248-272.	2.9	81
371	TREX1 – Apex predator of cytosolic DNA metabolism. DNA Repair, 2020, 94, 102894.	1.3	25
372	<i>Caenorhabditis elegans</i> ADAR editing and the ERI-6/7/MOV10 RNAi pathway silence endogenous viral elements and LTR retrotransposons. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 5987-5996.	3.3	29
373	New Horizons in the Genetic Etiology of Systemic Lupus Erythematosus and Lupus-Like Disease: Monogenic Lupus and Beyond. Journal of Clinical Medicine, 2020, 9, 712.	1.0	81
374	RIG-I-like receptors: their regulation and roles in RNA sensing. Nature Reviews Immunology, 2020, 20, 537-551.	10.6	838
375	ADAR1 Regulates Early T Cell Development via MDA5-Dependent and -Independent Pathways. Journal of Immunology, 2020, 204, 2156-2168.	0.4	17
376	It takes two (and some distance) to tango: how ADARs join to edit RNA. Nature Structural and Molecular Biology, 2020, 27, 308-310.	3.6	4
377	Adar RNA editing-dependent and -independent effects are required for brain and innate immune functions in Drosophila. Nature Communications, 2020, 11, 1580.	5.8	39
378	Asymmetric dimerization of adenosine deaminase acting on RNA facilitates substrate recognition. Nucleic Acids Research, 2020, 48, 7958-7972.	6.5	33
379	Protective Mechanisms Against DNA Replication Stress in the Nervous System. Genes, 2020, 11, 730.	1.0	7
380	Primary immunodeficiencies in cytosolic patternâ€recognition receptor pathways: Toward hostâ€directed treatment strategies. Immunological Reviews, 2020, 297, 247-272.	2.8	10
381	Unbiased Identification of trans Regulators of ADAR and A-to-I RNA Editing. Cell Reports, 2020, 31, 107656.	2.9	41
382	Suppression of adenosine-to-inosine (A-to-I) RNA editome by death associated protein 3 (DAP3) promotes cancer progression. Science Advances, 2020, 6, eaba5136.	4.7	29
383	Mendelian disorders of immunity related to an upregulation of type I interferon. , 2020, , 751-772.		2
384	Innate Viral Sensor MDA5 and Coxsackievirus Interplay in Type 1 Diabetes Development. Microorganisms, 2020, 8, 993.	1.6	24
385	Membrane and synaptic defects leading to neurodegeneration in Adar mutant Drosophila are rescued by increased autophagy. BMC Biology, 2020, 18, 15.	1.7	12
386	Abrogation of type-I interferon signalling alters the microglial response to Aβ1–42. Scientific Reports, 2020, 10, 3153.	1.6	21

#	Article	IF	CITATIONS
387	Deletion of Endonuclease V suppresses chemically induced hepatocellular carcinoma. Nucleic Acids Research, 2020, 48, 4463-4479.	6.5	9
388	Molecular and physiological consequences of faulty eukaryotic ribonucleotide excision repair. EMBO Journal, 2020, 39, e102309.	3.5	39
389	ADAR1 mediated regulation of neural crest derived melanocytes and Schwann cell development. Nature Communications, 2020, 11, 198.	5.8	30
390	Adenosine-to-inosine RNA editing in the immune system: friend or foe?. Cellular and Molecular Life Sciences, 2020, 77, 2931-2948.	2.4	31
391	AKT-Dependent Phosphorylation of ADAR1p110 and ADAR2 Represents a New and Important Link Between Cell Signaling and RNA Editing. DNA and Cell Biology, 2020, 39, 343-348.	0.9	6
392	Post-Transcriptional Regulation of Homeostatic, Stressed, and Malignant Stem Cells. Cell Stem Cell, 2020, 26, 138-159.	5.2	54
393	ADAR1 Facilitates KSHV Lytic Reactivation by Modulating the RLR-Dependent Signaling Pathway. Cell Reports, 2020, 31, 107564.	2.9	27
394	Retroviruses in the pathogenesis of systemic lupus erythematosus: Are they potential therapeutic targets?. Autoimmunity, 2020, 53, 177-191.	1.2	7
395	Bi-allelic ADARB1 Variants Associated with Microcephaly, Intellectual Disability, and Seizures. American Journal of Human Genetics, 2020, 106, 467-483.	2.6	31
396	Seek and hide: the manipulating interplay of measles virus with the innate immune system. Current Opinion in Virology, 2020, 41, 18-30.	2.6	14
397	Monogenic lupus. , 2021, , 97-104.		0
398	RNA contributions to the form and function of biomolecular condensates. Nature Reviews Molecular Cell Biology, 2021, 22, 183-195.	16.1	353
399	When phenotype does not match genotype: importance of "real-time―refining of phenotypic information for exome data interpretation. Genetics in Medicine, 2021, 23, 215-221.	1.1	10
401	RNA Editing in Neurological and Neurodegenerative Disorders. Methods in Molecular Biology, 2021, 2181, 309-330.	0.4	16
402	Retroelement-derived RNA and its role in the brain. Seminars in Cell and Developmental Biology, 2021, 114, 68-80.	2.3	10
403	A Novel Mutation in Aicardi–GoutiÃ [~] res' Syndrome: A Case Report. Journal of Pediatric Neurology, 2021, 19, 050-053.	0.0	0
404	Dirty Fish Versus Squeaky Clean Mice: Dissecting Interspecies Differences Between Animal Models of Interferonopathy. Frontiers in Immunology, 2020, 11, 623650.	2.2	8
405	Hepatic Involvement in Aicardi-Goutières Syndrome. Neuropediatrics, 2021, 52, 441-447.	0.3	6

#	Article	IF	CITATIONS
406	Reduced A-to-I editing of endogenous Alu RNAs in lung after SARS-CoV-2 infection. Current Research in Immunology, 2021, 2, 52-59.	1.2	8
407	Interferon Signature Analysis. , 2021, , .		0
409	Differential Expression of Interferon-Alpha Protein Provides Clues to Tissue Specificity Across Type I Interferonopathies. Journal of Clinical Immunology, 2021, 41, 603-609.	2.0	16
410	RNA editing enzyme APOBEC3A promotes pro-inflammatory M1 macrophage polarization. Communications Biology, 2021, 4, 102.	2.0	28
411	Immune Dysfunction in Mendelian Disorders of POLA1 Deficiency. Journal of Clinical Immunology, 2021, 41, 285-293.	2.0	24
412	Coâ€occurrence of Aicardi–GoutiÔres syndrome type 6 and dyschromatosis symmetrica hereditaria due to compound heterozygous pathogenic variants in <i>ADAR1</i> : a case series from India. Clinical and Experimental Dermatology, 2021, 46, 704-709.	0.6	8
413	Regulation of RIG-I-like receptor-mediated signaling: interaction between host and viral factors. Cellular and Molecular Immunology, 2021, 18, 539-555.	4.8	179
414	ADAR-Mediated RNA Editing and Its Therapeutic Potentials. RNA Technologies, 2021, , 471-503.	0.2	3
415	Recognition of non-CpG repeats in Alu and ribosomal RNAs by the Z-RNA binding domain of ADAR1 induces A-Z junctions. Nature Communications, 2021, 12, 793.	5.8	39
416	The Role of Nucleases and Nucleic Acid Editing Enzymes in the Regulation of Self-Nucleic Acid Sensing. Frontiers in Immunology, 2021, 12, 629922.	2.2	18
417	The effects of RNA editing in cancer tissue at different stages in carcinogenesis. RNA Biology, 2021, 18, 1-16.	1.5	15
418	Implications of Endogenous Retroelements in the Etiopathogenesis of Systemic Lupus Erythematosus. Journal of Clinical Medicine, 2021, 10, 856.	1.0	10
419	Cutting Edge: Reduced Adenosine-to-Inosine Editing of Endogenous Alu RNAs in Severe COVID-19 Disease. Journal of Immunology, 2021, 206, 1691-1696.	0.4	12
420	Regulation of RNA editing by intracellular acidification. Nucleic Acids Research, 2021, 49, 4020-4036.	6.5	18
421	Mechanisms of Action of Hypomethylating Agents: Endogenous Retroelements at the Epicenter. Frontiers in Oncology, 2021, 11, 650473.	1.3	16
422	Genetic variation and microRNA targeting of A-to-I RNA editing fine tune human tissue transcriptomes. Genome Biology, 2021, 22, 77.	3.8	26
423	ADAR1 RNA editing enzyme regulates R-loop formation and genome stability at telomeres in cancer cells. Nature Communications, 2021, 12, 1654.	5.8	50
424	Noncanonical immune response to the inhibition of DNA methylation by Staufen1 via stabilization of endogenous retrovirus RNAs. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	20

ARTICLE IF CITATIONS # Decoupling expression and editing preferences of ADAR1 p150 and p110 isoforms. Proceedings of the 425 3.3 52 National Academy of Sciences of the United States of America, 2021, 118, . SAMHD1 $\hat{a} \in$ and Viral Ways around It. Viruses, 2021, 13, 395. 426 1.5 Endogenous mitochondrial doubleâ€stranded RNA is not an activator of the type I interferon response 427 3.9 5 in human pancreatic beta cells. Autoimmunity Highlights, 2021, 12, 6. Aicardiâ€Goutières syndrome may present with positive newborn screen for Xâ€ŀinked 428 adrenoleukodystrophy. American Journal of Medical Genetics, Part A, 2021, 185, 1848-1853. Sensing of transposable elements by the antiviral innate immune system. Rna, 2021, 27, 735-752. 429 1.6 36 Inosine in Biology and Disease. Genes, 2021, 12, 600. 1.0 RNA Epigenetics: Fine-Tuning Chromatin Plasticity and Transcriptional Regulation, and the Implications 432 1.0 12 in Human Diseases. Genes, 2021, 12, 627. Aging through an epitranscriptomic lens. Nature Aging, 2021, 1, 335-346. 5.3 RNA editing at a limited number of sites is sufficient to prevent MDA5 activation in the mouse brain. 434 42 1.5 PLoS Genetics, 2021, 17, e1009516. RNA A-to-I editing, environmental exposure, and human diseases. Critical Reviews in Toxicology, 2021, 1.9 51, 456-466. G3BP1 Inhibition Alleviates Intracellular Nucleic Acid–Induced Autoimmune Responses. Journal of 436 0.4 18 Immunology, 2021, 206, 2453-2467. To "Z―or not to "Z― Z-RNA, self-recognition, and the MDA5 helicase. PLoS Genetics, 2021, 17, e1009513..5 Enrichment of $Z\hat{I}_{\pm}$ domains at cytoplasmic stress granules is due to their innate ability to bind to 438 1.2 10 nucleic acids. Journal of Cell Science, 2021, 134, . Evolutionary driving forces of <scp>Aâ€toâ€t</scp> editing in metazoans. Wiley Interdisciplinary Reviews 3.2 RNA, 2022, 13, e1666. A high-quality bonobo genome refines the analysis of hominid evolution. Nature, 2021, 594, 77-81. 440 13.7 39 The relationship between defects in DNA repair genes and autoinflammatory diseases. Rheumatology 441 International, 2022, 42, 1-13. The role of <scp>RNA</scp> editing enzyme ADAR1 in human disease. Wiley Interdisciplinary Reviews 442 3.261 RNA, 2022, 13, e1665. Direct Immunodetection of Global Aâ€toâ€l RNA Editing Activity with a Chemiluminescent Bioassay. 443 1.6 Angewandte Chemie, 2021, 133, 17146-17154.

#	Article	IF	CITATIONS
444	Direct Immunodetection of Global Aâ€ŧoâ€ŀ RNA Editing Activity with a Chemiluminescent Bioassay. Angewandte Chemie - International Edition, 2021, 60, 17009-17017.	7.2	10
445	Heterozygous loss-of-function variants significantly expand the phenotypes associated with loss of GDF11. Genetics in Medicine, 2021, 23, 1889-1900.	1.1	13
446	Deciphering the principles of the RNA editing code via large-scale systematic probing. Molecular Cell, 2021, 81, 2374-2387.e3.	4.5	20
447	N6-methyladenosine promotes induction of ADAR1-mediated A-to-I RNA editing to suppress aberrant antiviral innate immune responses. PLoS Biology, 2021, 19, e3001292.	2.6	20
448	Aicardi-Goutières syndrome-associated mutation at ADAR1 gene locus activates innate immune response in mouse brain. Journal of Neuroinflammation, 2021, 18, 169.	3.1	25
449	Interplays of different types of epitranscriptomic mRNA modifications. RNA Biology, 2021, 18, 19-30.	1.5	9
450	How RNA modifications regulate the antiviral response. Immunological Reviews, 2021, 304, 169-180.	2.8	17
451	ADAR1 interaction with Z-RNA promotes editing of endogenous double-stranded RNA and prevents MDA5-dependent immune activation. Cell Reports, 2021, 36, 109500.	2.9	65
452	Investigating the Potential Roles of SINEs in the Human Genome. Annual Review of Genomics and Human Genetics, 2021, 22, 199-218.	2.5	16
453	The role of retrotransposable elements in ageing and age-associated diseases. Nature, 2021, 596, 43-53.	13.7	156
454	The Interplay Among HIV, LINE-1, and the Interferon Signaling System. Frontiers in Immunology, 2021, 12, 732775.	2.2	10
455	Mutations in the adenosine deaminase ADAR1 that prevent endogenous Z-RNA binding induce Aicardi-Goutières-syndrome-like encephalopathy. Immunity, 2021, 54, 1976-1988.e7.	6.6	56
456	Protein kinase R and the integrated stress response drive immunopathology caused by mutations in the RNA deaminase ADAR1. Immunity, 2021, 54, 1948-1960.e5.	6.6	62
457	An ADAR1-dependent RNA editing event in the cyclin-dependent kinase CDK13 promotes thyroid cancer hallmarks. Molecular Cancer, 2021, 20, 115.	7.9	22
458	Structural and functional characterization explains loss of dNTPase activity of the cancer-specific R366C/H mutant SAMHD1 proteins. Journal of Biological Chemistry, 2021, 297, 101170.	1.6	7
459	ADAR RNA Modifications, the Epitranscriptome and Innate Immunity. Trends in Biochemical Sciences, 2021, 46, 758-771.	3.7	65
460	Adenosine-to-inosine editing of endogenous Z-form RNA by the deaminase ADAR1 prevents spontaneous MAVS-dependent type I interferon responses. Immunity, 2021, 54, 1961-1975.e5.	6.6	69
461	Adenosine Deaminases Acting on RNA (ADARs) and Viral Infections. Annual Review of Virology, 2021, 8, 239-264.	3.0	45

#	Article	IF	CITATIONS
462	Marburg and Ebola Virus mRNA 3′ Untranslated Regions Contain Negative Regulators of Translation That Are Modulated by ADAR1 Editing. Journal of Virology, 2021, 95, e0065221.	1.5	8
463	ADAR1 edits the SenZ and SenZ-ability of RNA. Immunity, 2021, 54, 1909-1911.	6.6	5
464	Adenosine-to-inosine RNA editing in neurological development and disease. RNA Biology, 2021, 18, 999-1013.	1.5	39
465	RNA-Editing-Initiated MAVS Signaling is a Key Epitranscriptomic Alteration in Human B Cell Lymphoma. SSRN Electronic Journal, 0, , .	0.4	1
466	Adenosine-to-Inosine RNA Editing: A Key RNA Processing Step Rewriting Transcriptome in Normal Physiology and Diseases. , 2021, , 133-151.		0
467	Signaling Through Nucleic Acid Sensors and Their Roles in Inflammatory Diseases. Frontiers in Immunology, 2020, 11, 625833.	2.2	58
468	RNA Editing in Interferonopathies. Methods in Molecular Biology, 2021, 2181, 269-286.	0.4	3
469	The Role of RNA Editing in the Immune Response. Methods in Molecular Biology, 2021, 2181, 287-307.	0.4	8
470	Discovering A-to-I RNA Editing. Methods in Molecular Biology, 2021, 2181, 113-148.	0.4	3
471	Astroglia in Leukodystrophies. Advances in Experimental Medicine and Biology, 2019, 1175, 199-225.	0.8	8
472	Regulation of long non-coding RNAs and genome dynamics by the RNA surveillance machinery. Nature Reviews Molecular Cell Biology, 2020, 21, 123-136.	16.1	132
473	To protect and modify double-stranded RNA – the critical roles of ADARs in development, immunity and oncogenesis. Critical Reviews in Biochemistry and Molecular Biology, 2021, 56, 54-87.	2.3	28
480	Movement Disorders Presenting in Childhood. CONTINUUM Lifelong Learning in Neurology, 2016, 22, 1159-1185.	0.4	10
481	A mark of disease: how mRNA modifications shape genetic and acquired pathologies. Rna, 2021, 27, 367-389.	1.6	24
482	ADAR1 Facilitates HIV-1 Replication in Primary CD4+ T Cells. PLoS ONE, 2015, 10, e0143613.	1.1	16
483	Regulation and inhibition of the DNA sensor cGAS. EMBO Reports, 2020, 21, e51345.	2.0	32
484	Recurrent encephalopathy with spinal cord involvement: An atypical manifestation of Aicardi–Goutières syndrome. Annals of Indian Academy of Neurology, 2019, 22, 111.	0.2	10
485	How Z-DNA/RNA binding proteins shape homeostasis, inflammation, and immunity. BMB Reports, 2020, 53, 453-457.	1.1	9

#	ARTICLE	IF	CITATIONS
486	Genome-wide DNA hypomethylation and RNA:DNA hybrid accumulation in Aicardi–Goutières syndrome. ELife, 2015, 4, .	2.8	140
487	Ribonuclease L mediates the cell-lethal phenotype of double-stranded RNA editing enzyme ADAR1 deficiency in a human cell line. ELife, 2017, 6, .	2.8	121
488	Adenovirus prevents dsRNA formation by promoting efficient splicing of viral RNA. Nucleic Acids Research, 2022, 50, 1201-1220.	6.5	10
489	Ordered assembly of the cytosolic RNA-sensing MDA5-MAVS signaling complex via binding to unanchored K63-linked poly-ubiquitin chains. Immunity, 2021, 54, 2218-2230.e5.	6.6	23
490	ADAR1 entraps sinister cellular dsRNAs, thresholding antiviral responses. Trends in Immunology, 2021, 42, 953-955.	2.9	2
491	ADAR1 restricts ZBP1-mediated immune response and PANoptosis to promote tumorigenesis. Cell Reports, 2021, 37, 109858.	2.9	157
492	Autosomal dominant ADAR c.3019G>A (p.(G1007R)) variant is an important mimic of hereditary spastic paraplegia and cerebral palsy. Brain and Development, 2022, 44, 153-160.	0.6	3
493	Genome instability independent of type I interferon signaling drives neuropathology caused by impaired ribonucleotide excision repair. Neuron, 2021, 109, 3962-3979.e6.	3.8	27
494	Deciphering the Biological Significance of ADAR1–Z-RNA Interactions. International Journal of Molecular Sciences, 2021, 22, 11435.	1.8	15
495	RNA Editing: A New Therapeutic Target in Amyotrophic Lateral Sclerosis and Other Neurological Diseases. International Journal of Molecular Sciences, 2021, 22, 10958.	1.8	12
496	Mendelian Disorders of Immunity Related to an Upregulation of Type I Interferon. , 2014, , 591-602.		0
499	Endogenous DAMPs, Category II: Constitutively Expressed, Injury-Modified Molecules (Cat. II DAMPs). , 2018, , 269-305.		0
501	A Rare Disorder Affecting the Brain, Immune System, and Skin. , 2019, , 469-476.		0
507	Lung involvement in monogenic interferonopathies. European Respiratory Review, 2020, 29, 200001.	3.0	7
511	RNA-directed DNA repair and antibody somatic hypermutation. Trends in Genetics, 2022, 38, 426-436.	2.9	5
512	Lessons learnt from multifaceted diagnostic approaches to the first 150 families in Victoria's Undiagnosed Diseases Program. Journal of Medical Genetics, 2022, 59, 748-758.	1.5	9
513	Analysis of genotype/phenotype correlations in Japanese patients with dyschromatosis symmetrica hereditaria. Nagoya Journal of Medical Science, 2018, 80, 267-277.	0.6	2
514	Introns encode dsRNAs undetected by RIG-I/MDA5/interferons and sensed via RNase L. Proceedings of the United States of America, 2021, 118,	3.3	5

#	Article	IF	CITATIONS
515	Identification of disease-linked hyperactivating mutations in UBE3A through large-scale functional variant analysis. Nature Communications, 2021, 12, 6809.	5.8	10
516	Adenosine-to-inosine RNA editing contributes to type I interferon responses in systemic sclerosis. Journal of Autoimmunity, 2021, 125, 102755.	3.0	14
517	Cellular origins of dsRNA, their recognition and consequences. Nature Reviews Molecular Cell Biology, 2022, 23, 286-301.	16.1	113
518	The Fine Art of Writing a Message: RNA Metabolism in the Shaping and Remodeling of the Nervous System. Frontiers in Molecular Neuroscience, 2021, 14, 755686.	1.4	5
519	An Aicardi-Goutières Syndrome–Causative Point Mutation in <i>Adar1</i> Gene Invokes Multiorgan Inflammation and Late-Onset Encephalopathy in Mice. Journal of Immunology, 2021, 207, 3016-3027.	0.4	11
522	Therapeutic Interventions Targeting Innate Immune Receptors: A Balancing Act. Chemical Reviews, 2022, 122, 3414-3458.	23.0	10
524	Inosine and its methyl derivatives: Occurrence, biogenesis, and function in RNA. Progress in Biophysics and Molecular Biology, 2022, 169-170, 21-52.	1.4	12
525	ADAR1 inhibits adipogenesis and obesity by interacting with Dicer to promote the maturation of miR-155-5P. Journal of Cell Science, 2022, 135, .	1.2	5
526	Cytoplasmic RNA sensors and their interplay with RNA-binding partners in innate antiviral response: theme and variations. Rna, 2022, 28, 449-477.	1.6	14
527	Functional analysis of ADARs in planarians supports a bilaterian ancestral role in suppressing double-stranded RNA-response. PLoS Pathogens, 2022, 18, e1010250.	2.1	6
529	Elimination of Aicardi–GoutiÔres syndrome protein SAMHD1 activates cellular innate immunity and suppresses SARS-CoV-2 replication. Journal of Biological Chemistry, 2022, 298, 101635.	1.6	9
530	Cutaneous Lesions as a Clue to the Etiology of Extensive Intracranial Calcifications: Aicardi-Goutières Syndrome. Neurology, 2022, , 10.1212/WNL.000000000013294.	1.5	0
531	Shaping the Innate Immune Response Through Post-Transcriptional Regulation of Gene Expression Mediated by RNA-Binding Proteins. Frontiers in Immunology, 2021, 12, 796012.	2.2	10
532	Neuroinflammation Associated With Inborn Errors of Immunity. Frontiers in Immunology, 2021, 12, 827815.	2.2	14
533	Alu RNA Structural Features Modulate Immune Cell Activation and A-to-I Editing of Alu RNAs Is Diminished in Human Inflammatory Bowel Disease. Frontiers in Immunology, 2022, 13, 818023.	2.2	5
534	Role of helical structure and dynamics in oligoadenylate synthetase 1 (OAS1) mismatch tolerance and activation by short dsRNAs. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	1
535	Regulation and function of the cGAS-MITA/STING axis in health and disease. , 2022, 1, 100001.		15
536	Systemic lupus erythematosus as a genetic disease. Clinical Immunology, 2022, 236, 108953.	1.4	18

#	Article	IF	CITATIONS
537	Deep White Matter Cysts in a Patient with Aicardi-Goutières Syndrome and SAMHD1 Variants. Molecular Syndromology, 2022, 13, 1-3.	0.3	0
538	Intracellular virus sensor MDA5 mutation develops autoimmune myocarditis and nephritis. Journal of Autoimmunity, 2022, 127, 102794.	3.0	2
539	Emerging Roles of IncRNAs Regulating RNA-Mediated Type-I Interferon Signaling Pathway. Frontiers in Immunology, 2022, 13, 811122.	2.2	5
540	RNA sensing via the RIGâ€lâ€like receptor LGP2 is essential for the induction of a type I IFN response in ADAR1 deficiency. EMBO Journal, 2022, 41, e109760.	3.5	27
541	A Systematic Review of Common and Brain-Disease-Specific RNA Editing Alterations Providing Novel Insights into Neurological and Neurodegenerative Disease Manifestations. Biomolecules, 2022, 12, 465.	1.8	9
542	DNA damage contributes to neurotoxic inflammation in Aicardi-Goutières syndrome astrocytes. Journal of Experimental Medicine, 2022, 219, .	4.2	35
543	Self or Non-Self? It Is also a Matter of RNA Recognition and Editing by ADAR1. Biology, 2022, 11, 568.	1.3	4
544	Functional interplay within the epitranscriptome: Reality or fiction?. BioEssays, 2022, 44, e2100174.	1.2	5
545	Genetic epidemiology of autoinflammatory disease variants in Indian population from 1029 whole genomes. Journal of Genetic Engineering and Biotechnology, 2021, 19, 183.	1.5	0
546	Human iPSC-Derived Astrocytes: A Powerful Tool to Study Primary Astrocyte Dysfunction in the Pathogenesis of Rare Leukodystrophies. International Journal of Molecular Sciences, 2022, 23, 274.	1.8	5
547	ADAR1 and its implications in cancer development and treatment. Trends in Genetics, 2022, 38, 821-830.	2.9	33
551	TREX1 plays multiple roles in human diseases. Cellular Immunology, 2022, 375, 104527.	1.4	2
553	Multiomic Profiling Identified EGF Receptor Signaling as a Potential Inhibitor of Type I Interferon Response in Models of Oncolytic Therapy by Vesicular Stomatitis Virus. International Journal of Molecular Sciences, 2022, 23, 5244.	1.8	3
554	Analysis of clinical characteristics of children with Aicardi-Goutieres syndrome in China. World Journal of Pediatrics, 2022, 18, 490-497.	0.8	5
555	Interplay between A-to-I Editing and Splicing of RNA: A Potential Point of Application for Cancer Therapy. International Journal of Molecular Sciences, 2022, 23, 5240.	1.8	9
556	DYT-PRKRA Mutation P222L Enhances PACT's Stimulatory Activity on Type I Interferon Induction. Biomolecules, 2022, 12, 713.	1.8	2
557	Neuronal role of taxi is imperative for flight in Drosophila melanogaster. Gene, 2022, 833, 146593.	1.0	0
559	The Role of Transposable Elements of the Human Genome in Neuronal Function and Pathology. International Journal of Molecular Sciences, 2022, 23, 5847.	1.8	11

#	Article	IF	CITATIONS
561	Direct identification of A-to-I editing sites with nanopore native RNA sequencing. Nature Methods, 2022, 19, 833-844.	9.0	35
562	RNA editing of ion channels and receptors in physiology and neurological disorders. , 2022, 1, .		2
563	Case Report: Aicardi-GoutiÃ [¨] res Syndrome Type 6 and Dyschromatosis Symmetrica Hereditaria With Congenital Heart Disease and Mitral Valve Calcification – Phenotypic Variants Caused by Adenosine Deaminase Acting on the RNA 1 Gene Homozygous Mutations. Frontiers in Pediatrics, 0, 10, .	0.9	6
565	Editome landscape of CCM-derived endothelial cells. RNA Biology, 2022, 19, 852-865.	1.5	6
566	ADAR1-Mediated RNA Editing and Its Role in Cancer. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	9
567	Functional roles of epitranscriptomic marks in the cardiovascular system and disease: a narrative review. Annals of Translational Medicine, 2022, 10, 753-753.	0.7	2
568	The Epitranscriptome in miRNAs: Crosstalk, Detection, and Function in Cancer. Genes, 2022, 13, 1289.	1.0	2
569	Interferonopathy Resulting from Dysregulation of Interferon Production. Journal of Interferon and Cytokine Research, 2022, 42, 655-657.	0.5	1
570	ADAR1 mutation causes ZBP1-dependent immunopathology. Nature, 2022, 607, 769-775.	13.7	90
571	ADAR1 averts fatal type I interferon induction by ZBP1. Nature, 2022, 607, 776-783.	13.7	86
572	The epitranscriptome in ageing and stress resistance: A systematic review. Ageing Research Reviews, 2022, 81, 101700.	5.0	9
573	ADAR2 enzymes: efficient site-specific RNA editors with gene therapy aspirations. Rna, 2022, 28, 1281-1297.	1.6	7
574	ADAR1 prevents autoinflammation by suppressing spontaneous ZBP1 activation. Nature, 2022, 607, 784-789.	13.7	92
575	Mechanistic Interplay between HIV-1 Reverse Transcriptase Enzyme Kinetics and Host SAMHD1 Protein: Viral Myeloid-Cell Tropism and Genomic Mutagenesis. Viruses, 2022, 14, 1622.	1.5	4
576	Association of rare variants in genes of immune regulation with pediatric autoimmune CNS diseases. Journal of Neurology, 0, , .	1.8	1
577	RNA editing underlies genetic risk of common inflammatory diseases. Nature, 2022, 608, 569-577.	13.7	62
578	Thermodynamic analysis of Zα domain-nucleic acid interactions. Biochemical Journal, 2022, 479, 1727-1741.	1.7	0
579	dsRNA-induced condensation of antiviral proteins modulates PKR activity. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	14

#	Article	IF	CITATIONS
580	Leukodystrophies. CONTINUUM Lifelong Learning in Neurology, 2022, 28, 1194-1216.	0.4	0
581	Polygenic autoimmune disease risk alleles impacting B cell tolerance act in concert across shared molecular networks in mouse and in humans. Frontiers in Immunology, 0, 13, .	2.2	5
582	The oncogenic gamma herpesviruses Epstein-Barr virus (EBV) and Kaposi's sarcoma-associated herpesvirus (KSHV) hijack retinoic acid-inducible gene I (RIC-I) facilitating both viral and tumour immune evasion. Tumour Virus Research, 2022, 14, 200246.	1.5	4
583	Genome integrity and inflammation in the nervous system. DNA Repair, 2022, 119, 103406.	1.3	4
584	RNA gene editing in the eye and beyond: The neglected tool of the gene editing armatorium?. International Review of Cell and Molecular Biology, 2022, , 175-205.	1.6	2
585	Unconventional functions of miRNAs. , 2022, , 181-214.		Ο
588	Reduced RNA adenosine-to-inosine editing in hippocampus vasculature associated with Alzheimer's disease. Brain Communications, 2022, 4, .	1.5	4
589	Zâ€nucleic acids: Uncovering the functions from past to present. European Journal of Immunology, 2022, 52, 1700-1711.	1.6	5
590	Deep Brain Stimulation in Progressive Generalized Dystonia in Childhood Associated With <scp> <i>ADAR1</i> </scp> Gene Variant. Movement Disorders Clinical Practice, 2022, 9, .	0.8	1
591	A fish herpesvirus highlights functional diversities among Zα domains related to phase separation induction and A-to-Z conversion. Nucleic Acids Research, 2023, 51, 806-830.	6.5	6
592	Keeping immunostimulatory self-RNA under the rADAR. Nature Reviews Rheumatology, 2022, 18, 681-682.	3.5	3
593	SARS-CoV-2 mRNA-based vaccines in the Aicardi Goutières Syndrome. Molecular Genetics and Metabolism, 2022, 137, 320-327.	0.5	0
595	Inosine: A bioactive metabolite with multimodal actions in human diseases. Frontiers in Pharmacology, 0, 13, .	1.6	12
596	Aicardi–GoutiÃ [~] res syndrome with SAMHD1 deficiency can be diagnosed by unscheduled DNA synthesis test. Frontiers in Pediatrics, 0, 10, .	0.9	1
597	RNA Editing Alterations Define Disease Manifestations in the Progression of Experimental Autoimmune Encephalomyelitis (EAE). Cells, 2022, 11, 3582.	1.8	0
598	ADAR1-dependent editing regulates human βÂcell transcriptome diversity during inflammation. Frontiers in Endocrinology, 0, 13, .	1.5	5
599	Adenosine deaminase acting on RNA-1 is essential for early B lymphopoiesis. Cell Reports, 2022, 41, 111687.	2.9	3
601	An AGS-associated mutation in ADAR1 catalytic domain results in early-onset and MDA5-dependent encephalopathy with IFN pathway activation in the brain. Journal of Neuroinflammation, 2022, 19, .	3.1	8

#	Article	IF	CITATIONS
602	The RNA-editing enzyme ADAR1: a regulatory hub that tunes multiple dsRNA-sensing pathways. International Immunology, 2023, 35, 123-133.	1.8	7
603	Role of CD14+ monocyte-derived oxidised mitochondrial DNA in the inflammatory interferon type 1 signature in juvenile dermatomyositis. Annals of the Rheumatic Diseases, 2023, 82, 658-669.	0.5	8
604	RNA editing: Expanding the potential of RNA therapeutics. Molecular Therapy, 2023, 31, 1533-1549.	3.7	19
605	Targeting RNA Exonuclease XRN1 Potentiates Efficacy of Cancer Immunotherapy. Cancer Research, 2023, 83, 922-938.	0.4	4
606	Ablation of Adar1 in myeloid cells imprints a global antiviral state in the lung and heightens early immunity against SARS-CoV-2. Cell Reports, 2023, 42, 112038.	2.9	1
607	Z-RNA biology: a central role in the innate immune response?. Rna, 2023, 29, 273-281.	1.6	9
609	RBP–RNA interactions in the control of autoimmunity and autoinflammation. Cell Research, 2023, 33, 97-115.	5.7	18
610	RNA-Editing Enzyme ADAR1 p150 Isoform Is Critical for Germinal Center B Cell Response. Journal of Immunology, 2022, 209, 1071-1082.	0.4	5
611	Aicardi-Goutières syndrome (AGS): recurrent fetal cardiomyopathy and pseudo-TORCH syndrome. BMJ Case Reports, 2022, 15, e249192.	0.2	1
613	ADAR1 and ZBP1 in innate immunity, cell death, and disease. Trends in Immunology, 2023, 44, 201-216.	2.9	18
614	Yellow catfish RIO kinases (RIOKs) negatively regulate fish interferon-mediated antiviral response. Developmental and Comparative Immunology, 2023, 142, 104656.	1.0	3
615	RNA Editing Enzyme ADAR1 Suppresses the Mobility of Cancer Cells via ARPIN. Molecules and Cells, 2023, 46, 351-359.	1.0	1
616	Differential Structural Features of Two Mutant ADAR1p150 Zα Domains Associated with Aicardi-Goutières Syndrome. Journal of Molecular Biology, 2023, 435, 168040.	2.0	4
617	CD169 expression on monocytes as a marker for assessing type I interferon status in pediatric inflammatory diseases. Clinical Immunology, 2023, 250, 109329.	1.4	2
618	<i>Akkermansia muciniphila</i> plays a neuroprotective role in HMC3 cells through the â€~gut–brain' axis. Future Microbiology, 0, , .	1.0	0
620	RNA Helicase DDX6 Regulates A-to-I Editing and Neuronal Differentiation in Human Cells. International Journal of Molecular Sciences, 2023, 24, 3197.	1.8	2
621	On the origin and evolution of RNA editing in metazoans. Cell Reports, 2023, 42, 112112.	2.9	17
623	Characterization of a mutant samhd1 zebrafish model implicates dysregulation of cholesterol biosynthesis in Aicardi-GoutiÔres syndrome. Frontiers in Immunology, 0, 14, .	2.2	1

#	Article	IF	CITATIONS
624	<i>Adar</i> -associated Aicardi Goutières syndrome in a child with bilateral striatal necrosis and recurrent episodes of transaminitis. BMJ Case Reports, 2023, 16, e252436.	0.2	1
625	Repetitive elements in aging and neurodegeneration. Trends in Genetics, 2023, 39, 381-400.	2.9	9
626	2-5A-Mediated decay (2-5AMD): from antiviral defense to control of host RNA. Critical Reviews in Biochemistry and Molecular Biology, 2022, 57, 477-491.	2.3	3
627	Altered DNA methylation and gene expression predict disease severity in patients with Aicardi-Goutières syndrome. Clinical Immunology, 2023, 249, 109299.	1.4	1
628	The cellular and KSHV A-to-I RNA editome in primary effusion lymphoma and its role in the viral lifecycle. Nature Communications, 2023, 14, .	5.8	5
629	Z-DNA and Z-RNA: Methods—Past and Future. Methods in Molecular Biology, 2023, , 295-329.	0.4	0
630	The phenotype of the most common human <scp>ADAR1p150</scp> Zα mutation <scp>P193A</scp> in mice is partially penetrant. EMBO Reports, 2023, 24, .	2.0	8
631	Stress granules are shock absorbers that prevent excessive innate immune responses to dsRNA. Molecular Cell, 2023, 83, 1180-1196.e8.	4.5	18
632	The ADAR1 editome reveals drivers of editing-specificity for ADAR1-isoforms. Nucleic Acids Research, 2023, 51, 4191-4207.	6.5	9
640	RIG-I-like receptors: Molecular mechanism of activation and signaling. Advances in Immunology, 2023, , 1-74.	1.1	3
648	Post-transcriptional checkpoints in autoimmunity. Nature Reviews Rheumatology, 2023, 19, 486-502.	3.5	3
669	RNA modification: mechanisms and therapeutic targets. Molecular Biomedicine, 2023, 4, .	1.7	9
672	Novel insights into double-stranded RNA-mediated immunopathology. Nature Reviews Immunology, 0, ,	10.6	4
685	SARS-CoV-2 and innate immunity: the good, the bad, and the "goldilocks― , 2024, 21, 171-183.		4
691	Understanding functions of eEF1 translation elongation factors beyond translation. A proteomic approach. Advances in Protein Chemistry and Structural Biology, 2023, , .	1.0	0
692	Recent Advances in Adenosine-to-Inosine RNA Editing in Cancer. Cancer Treatment and Research, 2023, , 143-179.	0.2	0
712	Autoinflammatory Diseases Due to Defects in Degradation orÂTransport of Intracellular Proteins. Advances in Experimental Medicine and Biology, 2024, , 83-95.	0.8	0