

Andrew F Russo

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6298625/andrew-f-russo-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

110
papers

4,419
citations

40
h-index

64
g-index

121
ext. papers

5,102
ext. citations

6.4
avg, IF

6.02
L-index

#	Paper	IF	Citations
110	The voltage-gated Ca ²⁺ channel subunit α_1E regulates locomotor behavior and sensorimotor gating in mice.. <i>PLoS ONE</i> , 2022 , 17, e0263197	3.7	1
109	Dural Immune Cells, CGRP, and Migraine.. <i>Frontiers in Neurology</i> , 2022 , 13, 874193	4.1	2
108	CGRP Administration Into the Cerebellum Evokes Light Aversion, Tactile Hypersensitivity, and Nociceptive Squint in Mice.. <i>Frontiers in Pain Research</i> , 2022 , 3, 861598	1.4	0
107	Automated detection of squint as a sensitive assay of sex-dependent CGRP and amylin-induced pain in mice. <i>Pain</i> , 2021 ,	8	2
106	Different forms of traumatic brain injuries cause different tactile hypersensitivity profiles. <i>Pain</i> , 2021 , 162, 1163-1175	8	4
105	PACAP Induces Light Aversion in Mice by an Inheritable Mechanism Independent of CGRP. <i>Journal of Neuroscience</i> , 2021 , 41, 4697-4715	6.6	4
104	Amylin Analog Pramlintide Induces Migraine-like Attacks in Patients. <i>Annals of Neurology</i> , 2021 , 89, 1157-1171	11.71	19
103	Hypervigilance, Allostatic Load, and Migraine Prevention: Antibodies to CGRP or Receptor. <i>Neurology and Therapy</i> , 2021 , 10, 469-497	4.6	1
102	CGRP induces migraine-like symptoms in mice during both the active and inactive phases. <i>Journal of Headache and Pain</i> , 2021 , 22, 62	8.8	2
101	CGRP Antibodies for Animal Models of Primary and Secondary Headache Disorders. <i>Headache</i> , 2021 , 69-97	0.2	1
100	Investigating Migraine-Like Behavior using Light Aversion in Mice. <i>Journal of Visualized Experiments</i> , 2021 ,	1.6	2
99	A CGRP receptor antagonist peptide formulated for nasal administration to treat migraine. <i>Journal of Pharmacy and Pharmacology</i> , 2020 , 72, 1352-1360	4.8	3
98	Cross-talk signaling in the trigeminal ganglion: role of neuropeptides and other mediators. <i>Journal of Neural Transmission</i> , 2020 , 127, 431-444	4.3	29
97	Calcitonin gene-related peptide (CGRP): role in migraine pathophysiology and therapeutic targeting. <i>Expert Opinion on Therapeutic Targets</i> , 2020 , 24, 91-100	6.4	25
96	Stimulation of Posterior Thalamic Nuclei Induces Photophobic Behavior in Mice. <i>Headache</i> , 2020 , 60, 1961-1981	4.2	6
95	Patients With Vestibular Migraine are More Likely to Have Occipital Headaches than those With Migraine Without Vestibular Symptoms. <i>Headache</i> , 2020 , 60, 1581-1591	4.2	4
94	Vascular actions of peripheral CGRP in migraine-like photophobia in mice. <i>Cephalalgia</i> , 2020 , 40, 1585-1604	6.4	6

93	Behavioral and cognitive animal models in headache research. <i>Journal of Headache and Pain</i> , 2019 , 20, 11	8.8	54
92	Current understanding of trigeminal ganglion structure and function in headache. <i>Cephalalgia</i> , 2019 , 39, 1661-1674	6.1	44
91	CGRP-based Migraine Therapeutics: How Might They Work, Why So Safe, and What Next?. <i>ACS Pharmacology and Translational Science</i> , 2019 , 2, 2-8	5.9	16
90	Cortical spreading depression as a site of origin for migraine: Role of CGRP. <i>Cephalalgia</i> , 2019 , 39, 428-434	6.1	41
89	Increased receptor activity-modifying protein 1 in the nervous system is sufficient to protect against autonomic dysregulation and hypertension. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019 , 39, 690-703	7.3	5
88	Induction of calcitonin gene-related peptide expression in rats by cortical spreading depression. <i>Cephalalgia</i> , 2019 , 39, 333-341	6.1	18
87	CGRP in Animal Models of Migraine. <i>Handbook of Experimental Pharmacology</i> , 2019 , 255, 85-107	3.2	13
86	CGRP receptor antagonist activity of olcegepant depends on the signalling pathway measured. <i>Cephalalgia</i> , 2018 , 38, 437-451	6.1	47
85	Vascular Contributions to Migraine: Time to Revisit?. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 233	6.1	44
84	Peripherally administered calcitonin gene-related peptide induces spontaneous pain in mice: implications for migraine. <i>Pain</i> , 2018 , 159, 2306-2317	8	42
83	Anti-CGRP antibodies block CGRP-induced diarrhea in mice. <i>Neuropeptides</i> , 2017 , 64, 95-99	3.3	21
82	Overview of Neuropeptides: Awakening the Senses?. <i>Headache</i> , 2017 , 57 Suppl 2, 37-46	4.2	82
81	Induction of Migraine-Like Photophobic Behavior in Mice by Both Peripheral and Central CGRP Mechanisms. <i>Journal of Neuroscience</i> , 2017 , 37, 204-216	6.6	70
80	Lessons Learned from CGRP Mutant Mice 2017 , 175-188		1
79	CGRP receptor activity in mice with global expression of human receptor activity modifying protein 1. <i>British Journal of Pharmacology</i> , 2017 , 174, 1826-1840	8.6	15
78	Induction of Migraine-Like Photophobic Behavior in Mice by Both Peripheral and Central CGRP Mechanisms. <i>Journal of Neuroscience</i> , 2017 , 37, 204-216	6.6	2
77	A second trigeminal CGRP receptor: function and expression of the AMY1 receptor. <i>Annals of Clinical and Translational Neurology</i> , 2015 , 2, 595-608	5.3	118
76	CGRP as a neuropeptide in migraine: lessons from mice. <i>British Journal of Clinical Pharmacology</i> , 2015 , 80, 403-14	3.8	30

75	Calcitonin gene-related peptide (CGRP): a new target for migraine. <i>Annual Review of Pharmacology and Toxicology</i> , 2015 , 55, 533-52	17.9	210
74	Reactive oxygen species induce procalcitonin expression in trigeminal ganglia glia. <i>Headache</i> , 2014 , 54, 472-84	4.2	21
73	Heat hyperalgesia and mechanical hypersensitivity induced by calcitonin gene-related peptide in a mouse model of neurofibromatosis. <i>PLoS ONE</i> , 2014 , 9, e106767	3.7	8
72	Photophobia and abnormally sustained pupil responses in a mouse model of bradyopsia. <i>Investigative Ophthalmology and Visual Science</i> , 2014 , 55, 6878-85		7
71	Unanswered questions in headache: so what is photophobia, anyway?. <i>Headache</i> , 2013 , 53, 1677-8	4.2	10
70	CGRP and migraine: could PACAP play a role too?. <i>Neuropeptides</i> , 2013 , 47, 451-61	3.3	62
69	Amylin acts in the central nervous system to increase sympathetic nerve activity. <i>Endocrinology</i> , 2013 , 154, 2481-8	4.8	40
68	Protein inhibitors of activated STAT (Pias1 and Piasy) differentially regulate pituitary homeobox 2 (PITX2) transcriptional activity. <i>Journal of Biological Chemistry</i> , 2013 , 288, 12580-95	5.4	8
67	Modulation of CGRP-induced light aversion in wild-type mice by a 5-HT(1B/D) agonist. <i>Journal of Neuroscience</i> , 2012 , 32, 15439-49	6.6	66
66	Calcitonin gene-related peptide in migraine: intersection of peripheral inflammation and central modulation. <i>Expert Reviews in Molecular Medicine</i> , 2011 , 13, e36	6.7	115
65	CGRP induction in cystic fibrosis airways alters the submucosal gland progenitor cell niche in mice. <i>Journal of Clinical Investigation</i> , 2011 , 121, 3144-58	15.9	32
64	Epigenetic regulation of the calcitonin gene-related peptide gene in trigeminal glia. <i>Cephalalgia</i> , 2011 , 31, 614-24	6.1	26
63	Neuronal receptor activity-modifying protein 1 promotes energy expenditure in mice. <i>Diabetes</i> , 2011 , 60, 1063-71	0.9	46
62	Receptor activity-modifying protein 1 increases baroreflex sensitivity and attenuates Angiotensin-induced hypertension. <i>Hypertension</i> , 2010 , 55, 627-35	8.5	36
61	Receptor activity-modifying protein-1 augments cerebrovascular responses to calcitonin gene-related peptide and inhibits angiotensin II-induced vascular dysfunction. <i>Stroke</i> , 2010 , 41, 2329-34	6.7	21
60	Induction of multiple photophobic behaviors in a transgenic mouse sensitized to CGRP. <i>Neuropharmacology</i> , 2010 , 58, 156-65	5.5	74
59	Light aversion in mice depends on nonimage-forming irradiance detection. <i>Behavioral Neuroscience</i> , 2010 , 124, 821-7	2.1	26
58	Genetic Regulation of CGRP and Its Actions 2010 , 97-114		0

57	Role of calcitonin gene-related peptide in light-aversive behavior: implications for migraine. <i>Journal of Neuroscience</i> , 2009 , 29, 8798-804	6.6	130
56	Genetic enhancement of calcitonin gene-related Peptide-induced central sensitization to mechanical stimuli in mice. <i>Journal of Pain</i> , 2009 , 10, 992-1000	5.2	53
55	Calcitonin gene-related peptide: an update on the biology. <i>Current Opinion in Neurology</i> , 2009 , 22, 241-67.1		54
54	A Potential Preclinical Migraine Model: CGRP-Sensitized Mice. <i>Molecular and Cellular Pharmacology</i> , 2009 , 1, 264-270		38
53	Potential role of distal regulatory elements in ubiquitous induction of the calcitonin/calcitonin gene-related peptide (CALCA) gene in sepsis. <i>FASEB Journal</i> , 2009 , 23, 660.9	0.9	
52	Control of the calcitonin gene-related peptide enhancer by upstream stimulatory factor in trigeminal ganglion neurons. <i>Journal of Biological Chemistry</i> , 2008 , 283, 5441-51	5.4	12
51	Receptor activity modifying protein-1 (RAMP1) overexpression selectively enhances calcitonin gene-related peptide-induced vasodilation. <i>FASEB Journal</i> , 2008 , 22, 1151.3	0.9	
50	Advent of a New Generation of Antimigraine Medications 2007 ,		1
49	Sensitization of calcitonin gene-related peptide receptors by receptor activity-modifying protein-1 in the trigeminal ganglion. <i>Journal of Neuroscience</i> , 2007 , 27, 2693-703	6.6	175
48	Olcegepant, a non-peptide CGRP1 antagonist for migraine treatment. <i>IDrugs: the Investigational Drugs Journal</i> , 2007 , 10, 566-74		9
47	An unusual class of PITX2 mutations in Axenfeld-Rieger syndrome. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2006 , 76, 175-81		21
46	Calcitonin gene-related peptide receptor activation by receptor activity-modifying protein-1 gene transfer to vascular smooth muscle cells. <i>Endocrinology</i> , 2006 , 147, 1932-40	4.8	35
45	CGRP receptor antagonists: A new frontier of anti-migraine medications. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2006 , 3, 593-597		6
44	Nitric oxide regulation of calcitonin gene-related peptide gene expression in rat trigeminal ganglia neurons. <i>European Journal of Neuroscience</i> , 2006 , 23, 2057-66	3.5	108
43	Tumor necrosis factor-alpha stimulation of calcitonin gene-related peptide expression and secretion from rat trigeminal ganglion neurons. <i>Journal of Neurochemistry</i> , 2006 , 96, 65-77	6	85
42	Vitamin D Control of the Calcitonin Gene in Thyroid C Cells 2005 , 687-701		1
41	Cell-specific activation of the atrial natriuretic factor promoter by PITX2 and MEF2A. <i>Journal of Biological Chemistry</i> , 2004 , 279, 52087-94	5.4	23
40	Regulation of the cell-specific calcitonin/calcitonin gene-related peptide enhancer by USF and the Foxa2 forkhead protein. <i>Journal of Biological Chemistry</i> , 2004 , 279, 49948-55	5.4	17

39	Neuronal expression and regulation of CGRP promoter activity following viral gene transfer into cultured trigeminal ganglia neurons. <i>Brain Research</i> , 2004 , 997, 103-10	3.7	25
38	Analysis of two translocation breakpoints and identification of a negative regulatory element in patients with Rieger's syndrome. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2004 , 70, 82-91		16
37	Calcium receptor-induced serotonin secretion by parafollicular cells: role of phosphatidylinositol 3-kinase-dependent signal transduction pathways. <i>Journal of Neuroscience</i> , 2003 , 23, 2049-57	6.6	23
36	Stimulation of the calcitonin gene-related peptide enhancer by mitogen-activated protein kinases and repression by an antimigraine drug in trigeminal ganglia neurons. <i>Journal of Neuroscience</i> , 2003 , 23, 807-15	6.6	88
35	Dominant negative dimerization of a mutant homeodomain protein in Axenfeld-Rieger syndrome. <i>Molecular and Cellular Biology</i> , 2003 , 23, 1968-82	4.8	30
34	Homeobox protein, Hmx3, in postnatally developing rat submandibular glands. <i>Journal of Histochemistry and Cytochemistry</i> , 2003 , 51, 385-96	3.4	2
33	New insights into the molecular actions of serotonergic antimigraine drugs 2002 , 94, 77-92		56
32	NCS-1 inhibits insulin-stimulated GLUT4 translocation in 3T3L1 adipocytes through a phosphatidylinositol 4-kinase-dependent pathway. <i>Journal of Biological Chemistry</i> , 2002 , 277, 27494-500 ^{5.4}		20
31	Autoregulation of cell-specific MAP kinase control of the tryptophan hydroxylase promoter. <i>Journal of Biological Chemistry</i> , 2001 , 276, 21262-71	5.4	28
30	Identification of a dominant negative homeodomain mutation in Rieger syndrome. <i>Journal of Biological Chemistry</i> , 2001 , 276, 23034-41	5.4	66
29	Gene transfer of calcitonin gene-related peptide to cerebral arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000 , 278, H586-94	5.2	27
28	Differential regulation of mitogen-activated protein kinase-responsive genes by the duration of a calcium signal. <i>Molecular Endocrinology</i> , 2000 , 14, 1570-82		40
27	Developmental regulation of tryptophan hydroxylase messenger RNA expression and enzyme activity in the raphe and its target fields. <i>Neuroscience</i> , 2000 , 101, 665-77	3.9	37
26	Transcriptional antagonism between Hmx1 and Nkx2.5 for a shared DNA-binding site. <i>Journal of Biological Chemistry</i> , 1999 , 274, 11635-42	5.4	40
25	Regulation of calcitonin gene-related peptide secretion by a serotonergic antimigraine drug. <i>Journal of Neuroscience</i> , 1999 , 19, 3423-9	6.6	153
24	Multifunctional role of the Pitx2 homeodomain protein C-terminal tail. <i>Molecular and Cellular Biology</i> , 1999 , 19, 7001-10	4.8	106
23	BDNF induction of tryptophan hydroxylase mRNA levels in the rat brain. <i>Journal of Neuroscience Research</i> , 1998 , 52, 149-58	4.4	95
22	Requirement of the MASH-1 transcription factor for neuroendocrine differentiation of thyroid C cells. <i>Journal of Neurobiology</i> , 1998 , 34, 126-134		57

21	Measurement of tryptophan hydroxylase mRNA levels by competitive RT-PCR. <i>Brain Research Protocols</i> , 1998 , 2, 273-85		10
20	The molecular basis of Rieger syndrome. Analysis of Pitx2 homeodomain protein activities. <i>Journal of Biological Chemistry</i> , 1998 , 273, 20066-72	5.4	104
19	Serotonergic repression of mitogen-activated protein kinase control of the calcitonin gene-related peptide enhancer. <i>Molecular Endocrinology</i> , 1998 , 12, 1002-9		35
18	Binding of upstream stimulatory factor and a cell-specific activator to the calcitonin/calcitonin gene-related peptide enhancer. <i>Journal of Biological Chemistry</i> , 1997 , 272, 18316-24	5.4	44
17	Tissue-specific glucocorticoid regulation of tryptophan hydroxylase mRNA levels. <i>Molecular Brain Research</i> , 1997 , 48, 346-54		49
16	Repression of the calcitonin gene-related peptide promoter by 5-HT1 receptor activation. <i>Journal of Neuroscience</i> , 1997 , 17, 9545-53	6.6	48
15	Thyroid parafollicular cells. An accessible model for the study of serotonergic neurons. <i>Molecular Neurobiology</i> , 1996 , 13, 257-76	6.2	20
14	Neuronal Properties of Thyroid C-Cell Tumor Lines. <i>Medical Intelligence Unit</i> , 1996 , 137-161		5
13	Serotonergic Neuronal Properties in C-Cell Lines. <i>Methods</i> , 1995 , 7, 253-261	4.6	23
12	Retinoic acid is enriched in Hensen's node and is developmentally regulated in the early chicken embryo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992 , 89, 10056-9	11.5	126
11	A rapid PCR protocol for identification of differentially expressed genes from a cDNA library. <i>Genome Research</i> , 1992 , 1, 195-8	9.7	2
10	Characterization of the calcitonin/CGRP gene in Williams syndrome. <i>American Journal of Medical Genetics Part A</i> , 1991 , 39, 28-33		5
9	Isolation of cDNA clones encoding small nuclear ribonucleoprotein-associated proteins with different tissue specificities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989 , 86, 9778-82	11.5	26
8	Neuronal expression of chimeric genes in transgenic mice. <i>Neuron</i> , 1988 , 1, 311-20	13.9	64
7	Neuron-specific alternative RNA processing in neuroendocrine gene expression. <i>Biochemical Society Transactions</i> , 1987 , 15, 128-31	5.1	
6	Molecular cloning of a brain-specific calcium/calmodulin-dependent protein kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987 , 84, 5962-6	11.5	244
5	Neuron-specific alternative RNA processing in transgenic mice expressing a metallothionein-calcitonin fusion gene. <i>Cell</i> , 1987 , 49, 389-98	56.2	126
4	Identification of the tip-encoded receptor in bacterial sensing. <i>Journal of Bacteriology</i> , 1986 , 165, 276-82	3.5	12

3	Role of Silicon in Diatom Metabolism : Cyclic Nucleotide Levels, Nucleotide Cyclase, and Phosphodiesterase Activities during Synchronized Growth of <i>Cylindrotheca fusiformis</i> . <i>Plant Physiology</i> , 1984 , 76, 674-9	6.6	11
2	Separation of signal transduction and adaptation functions of the aspartate receptor in bacterial sensing. <i>Science</i> , 1983 , 220, 1016-20	33.3	198
1	PACAP induces light aversion in mice by an inheritable mechanism independent of CGRP		1