

Thomas N Seyfried

List of Publications by Year in Descending Order

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

151
papers

7,568
citations

46
h-index

82
g-index

157
ext. papers

8,700
ext. citations

5.9
avg, IF

6.25
L-index

#	Paper	IF	Citations
151	Can the Mitochondrial Metabolic Theory Explain Better the Origin and Management of Cancer than Can the Somatic Mutation Theory?. <i>Metabolites</i> , 2021 , 11, 572	5.6	5
150	Metabolic therapy and bioenergetic analysis: The missing piece of the puzzle. <i>Molecular Metabolism</i> , 2021 , 54, 101389	8.8	2
149	Can the Mitochondrial Metabolic Theory Explain Better the Origin and Management of Cancer than Can the Somatic Mutation Theory?. <i>Metabolites</i> , 2021 , 11,	5.6	2
148	Ketogenic Metabolic Therapy, Without Chemo or Radiation, for the Long-Term Management of -Mutant Glioblastoma: An 80-Month Follow-Up Case Report. <i>Frontiers in Nutrition</i> , 2021 , 8, 682243	6.2	5
147	Light- and Melanin Nanoparticle-Induced Cytotoxicity in Metastatic Cancer Cells. <i>Pharmaceutics</i> , 2021 , 13,	6.4	1
146	Five-day water-only fasting decreased metabolic-syndrome risk factors and increased anti-aging biomarkers without toxicity in a clinical trial of normal-weight individuals. <i>Clinical and Translational Medicine</i> , 2021 , 11, e502	5.7	0
145	Effects of Ketogenic metabolic therapy on patients with breast cancer: A randomized controlled clinical trial. <i>Clinical Nutrition</i> , 2021 , 40, 751-758	5.9	21
144	Gene expression in the epileptic (EL) mouse hippocampus. <i>Neurobiology of Disease</i> , 2021 , 147, 105152	7.5	2
143	Caprylic (Octanoic) Acid as a Potential Fatty Acid Chemotherapeutic for Glioblastoma. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2020 , 159, 102142	2.8	5
142	Consideration of Ketogenic Metabolic Therapy as a Complementary or Alternative Approach for Managing Breast Cancer. <i>Frontiers in Nutrition</i> , 2020 , 7, 21	6.2	21
141	Chemical mutagenesis of a GPCR ligand: Detoxifying "inflammo-attraction" to direct therapeutic stem cell migration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 31177-31188	11.5	7
140	On the Origin of ATP Synthesis in Cancer. <i>IScience</i> , 2020 , 23, 101761	6.1	24
139	Does a ketogenic diet have beneficial effects on quality of life, physical activity or biomarkers in patients with breast cancer: a randomized controlled clinical trial. <i>Nutrition Journal</i> , 2020 , 19, 87	4.3	17
138	Therapeutic benefit of combining calorie-restricted ketogenic diet and glutamine targeting in late-stage experimental glioblastoma. <i>Communications Biology</i> , 2019 , 2, 200	6.7	48
137	Provocative Question: Should Ketogenic Metabolic Therapy Become the Standard of Care for Glioblastoma?. <i>Neurochemical Research</i> , 2019 , 44, 2392-2404	4.6	22
136	Perturbation of the yeast mitochondrial lipidome and associated membrane proteins following heterologous expression of Artemia-ANT. <i>Scientific Reports</i> , 2018 , 8, 5915	4.9	2
135	Mycoplasma infection and hypoxia initiate succinate accumulation and release in the VM-M3 cancer cells. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018 , 1859, 975-983	4.6	13

134	Management of Glioblastoma Multiforme in a Patient Treated With Ketogenic Metabolic Therapy and Modified Standard of Care: A 24-Month Follow-Up. <i>Frontiers in Nutrition</i> , 2018 , 5, 20	6.2	40
133	Mitochondrial Substrate-Level Phosphorylation as Energy Source for Glioblastoma: Review and Hypothesis. <i>ASN Neuro</i> , 2018 , 10, 1759091418818261	5.3	53
132	Nontoxic Targeting of Energy Metabolism in Preclinical VM-M3 Experimental Glioblastoma. <i>Frontiers in Nutrition</i> , 2018 , 5, 91	6.2	8
131	Out of Warburg effect: An effective cancer treatment targeting the tumor specific metabolism and dysregulated pH. <i>Seminars in Cancer Biology</i> , 2017 , 43, 134-138	12.7	66
130	Press-pulse: a novel therapeutic strategy for the metabolic management of cancer. <i>Nutrition and Metabolism</i> , 2017 , 14, 19	4.6	45
129	Ultrastructural characterization of the Mitochondria-associated membranes abnormalities in human astrocytomas: Functional and therapeutics implications. <i>Ultrastructural Pathology</i> , 2017 , 41, 234-244	1.2	24
128	Environmental stimuli shape microglial plasticity in glioma. <i>ELife</i> , 2017 , 6,	8.9	28
127	Quantification of metastatic load in a syngeneic murine model of metastasis. <i>Cancer Letters</i> , 2017 , 405, 56-62	9.9	3
126	The total and mitochondrial lipidome of <i>Artemia franciscana</i> encysted embryos. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016 , 1861, 1727-1735	5	3
125	The glucose ketone index calculator: a simple tool to monitor therapeutic efficacy for metabolic management of brain cancer. <i>Nutrition and Metabolism</i> , 2015 , 12, 12	4.6	50
124	The role of metabolic therapy in treating glioblastoma multiforme. <i>Surgical Neurology International</i> , 2015 , 6, 61	1	21
123	Bis(monoacylglycero)phosphate: a secondary storage lipid in the gangliosidoses. <i>Journal of Lipid Research</i> , 2015 , 56, 1006-13	6.3	34
122	Bis(monoacylglycero)phosphate as a Macrophage Enriched Phospholipid. <i>Lipids</i> , 2015 , 50, 907-12	1.6	14
121	Influence of Serum and Hypoxia on Incorporation of [(14)C]-D-Glucose or [(14)C]-L-Glutamine into Lipids and Lactate in Murine Glioblastoma Cells. <i>Lipids</i> , 2015 , 50, 1167-84	1.6	15
120	Metabolic therapy: a new paradigm for managing malignant brain cancer. <i>Cancer Letters</i> , 2015 , 356, 289-300	9.9	117
119	Cancer as a mitochondrial metabolic disease. <i>Frontiers in Cell and Developmental Biology</i> , 2015 , 3, 43	5.7	99
118	Myelin abnormalities in the optic and sciatic nerves in mice with GM1-gangliosidosis. <i>ASN Neuro</i> , 2015 , 7,	5.3	5
117	Intraventricular Sialidase Administration Enhances GM1 Ganglioside Expression and Is Partially Neuroprotective in a Mouse Model of Parkinson Disease. <i>PLoS ONE</i> , 2015 , 10, e0143351	3.7	27

116	Ketosis and hyperbaric oxygen metabolic therapy elicits potent anti-cancer effects in vitro and in vivo. <i>FASEB Journal</i> , 2015 , 29, 725.13	0.9	
115	The Glucose Ketone Index Calculator: A Simple Tool to Assess Therapeutic Efficacy for Metabolic Management of Brain Cancer. <i>FASEB Journal</i> , 2015 , 29, 897.15	0.9	
114	Influence of serum and hypoxia on endogenously synthesized lipids and lactate from radiolabeled glucose or glutamine in murine glioblastoma cells. <i>FASEB Journal</i> , 2015 , 29, 568.16	0.9	
113	Autosomal dominant inheritance of brain cardiolipin fatty acid abnormality in VM/DK mice: association with hypoxic-induced cognitive insensitivity. <i>Lipids</i> , 2014 , 49, 113-7	1.6	4
112	Cancer as a metabolic disease: implications for novel therapeutics. <i>Carcinogenesis</i> , 2014 , 35, 515-27	4.6	263
111	Meal frequency and timing in health and disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 16647-53	11.5	294
110	Influence of a ketogenic diet, fish-oil, and calorie restriction on plasma metabolites and lipids in C57BL/6J mice. <i>Nutrition and Metabolism</i> , 2014 , 11, 23	4.6	46
109	Glucose reduces the anticonvulsant effects of the ketogenic diet in EL mice. <i>Epilepsy Research</i> , 2014 , 108, 1137-44	3	11
108	Glucose-dependent de novo lipogenesis in B lymphocytes: a requirement for atp-citrate lyase in lipopolysaccharide-induced differentiation. <i>Journal of Biological Chemistry</i> , 2014 , 289, 7011-7024	5.4	94
107	GM1-gangliosidosis in American black bears: clinical, pathological, biochemical and molecular genetic characterization. <i>Molecular Genetics and Metabolism</i> , 2014 , 111, 513-21	3.7	7
106	Ganglioside storage diseases: on the road to management. <i>Advances in Neurobiology</i> , 2014 , 9, 485-99	2.1	7
105	Ethylendioxy-PIP2 oxalate reduces ganglioside storage in juvenile Sandhoff disease mice. <i>Neurochemical Research</i> , 2013 , 38, 866-75	4.6	16
104	On the origin of cancer metastasis. <i>Critical Reviews in Oncogenesis</i> , 2013 , 18, 43-73	1.3	524
103	A single intravenous rAAV injection as late as P20 achieves efficacious and sustained CNS Gene therapy in Canavan mice. <i>Molecular Therapy</i> , 2013 , 21, 2136-47	11.7	62
102	Therapeutic response in feline sandhoff disease despite immunity to intracranial gene therapy. <i>Molecular Therapy</i> , 2013 , 21, 1306-15	11.7	61
101	The ketogenic diet and hyperbaric oxygen therapy prolong survival in mice with systemic metastatic cancer. <i>PLoS ONE</i> , 2013 , 8, e65522	3.7	111
100	The ketogenic diet and hyperbaric oxygen therapy work synergistically to slow tumor growth and increase survival time in mice with systemic metastatic cancer. <i>FASEB Journal</i> , 2013 , 27, 863.2	0.9	1
99	Supplemental ketone metabolic therapy slows tumor growth and increases survival time in mice with metastatic cancer. <i>FASEB Journal</i> , 2013 , 27, 863.1	0.9	

98	Influence of Dietary Intake on Plasma Metabolites and Lipids in C57BL/6J Mice. <i>FASEB Journal</i> , 2013 , 27, 794.2	0.9	
97	Is the restricted ketogenic diet a viable alternative to the standard of care for managing malignant brain cancer?. <i>Epilepsy Research</i> , 2012 , 100, 310-26	3	44
96	The Tumor Mitochondrial Lipidome and Respiratory Bioenergetic Insufficiency 2012 , 297-317		
95	Itaconic acid is a mammalian metabolite induced during macrophage activation. <i>Journal of the American Chemical Society</i> , 2011 , 133, 16386-9	16.4	184
94	Influence of caloric restriction on constitutive expression of NF- κ B in an experimental mouse astrocytoma. <i>PLoS ONE</i> , 2011 , 6, e18085	3.7	49
93	A mathematical model for the determination of steady-state cardiolipin remodeling mechanisms using lipidomic data. <i>PLoS ONE</i> , 2011 , 6, e21170	3.7	13
92	Metabolic management of brain cancer. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011 , 1807, 577-94.	4.6	94
91	Lipid composition of whole brain and cerebellum in Hurler syndrome (MPS IH) mice. <i>Neurochemical Research</i> , 2011 , 36, 1669-76	4.6	7
90	Biography of Dr. Robert K. Yu. Preface. <i>Neurochemical Research</i> , 2011 , 36, 1575-7	4.6	
89	Filipin recognizes both GM1 and cholesterol in GM1 gangliosidosis mouse brain. <i>Journal of Lipid Research</i> , 2011 , 52, 1345-51	6.3	36
88	Hypothesis: are neoplastic macrophages/microglia present in glioblastoma multiforme?. <i>ASN Neuro</i> , 2011 , 3,	5.3	46
87	The EL mouse: a natural model of autism and epilepsy. <i>Epilepsia</i> , 2011 , 52, 347-57	6.4	16
86	Restricted ketogenic diet enhances the therapeutic action of N-butyldeoxynojirimycin towards brain GM2 accumulation in adult Sandhoff disease mice. <i>Journal of Neurochemistry</i> , 2010 , 113, 1525-35	6	19
85	Cerebellar lipid differences between R6/1 transgenic mice and humans with Huntington@ disease. <i>Journal of Neurochemistry</i> , 2010 , 115, 748-58	6	28
84	Ganglioside GM3 Is Antiangiogenic in Malignant Brain Cancer. <i>Journal of Oncology</i> , 2010 , 2010, 961243	4.5	24
83	AAV-mediated gene delivery in adult GM1-gangliosidosis mice corrects lysosomal storage in CNS and improves survival. <i>PLoS ONE</i> , 2010 , 5, e13468	3.7	55
82	Dynamic simulation of cardiolipin remodeling: greasing the wheels for an interpretative approach to lipidomics. <i>Journal of Lipid Research</i> , 2010 , 51, 2153-70	6.3	55
81	Pericyte deficiencies lead to aberrant tumor vascularization in the brain of the NG2 null mouse. <i>Developmental Biology</i> , 2010 , 344, 1035-46	3.1	111

80	Does the existing standard of care increase glioblastoma energy metabolism?. <i>Lancet Oncology, The</i> , 2010 , 11, 811-3	21.7	33
79	Perspectives on the mesenchymal origin of metastatic cancer. <i>Cancer and Metastasis Reviews</i> , 2010 , 29, 695-707	9.6	40
78	A novel pre-clinical in vivo mouse model for malignant brain tumor growth and invasion. <i>Journal of Neuro-Oncology</i> , 2010 , 99, 165-76	4.8	44
77	Cancer as a metabolic disease. <i>Nutrition and Metabolism</i> , 2010 , 7, 7	4.6	368
76	Influence of methotrexate and cisplatin on tumor progression and survival in the VM mouse model of systemic metastatic cancer. <i>International Journal of Cancer</i> , 2010 , 126, 65-72	7.5	23
75	Glutamine targeting inhibits systemic metastasis in the VM-M3 murine tumor model. <i>International Journal of Cancer</i> , 2010 , 127, 2478-85	7.5	70
74	Brain lipid analysis in mice with Rett syndrome. <i>Neurochemical Research</i> , 2009 , 34, 1057-65	4.6	7
73	Comparative analysis of brain lipids in mice, cats, and humans with Sandhoff disease. <i>Lipids</i> , 2009 , 44, 197-205	1.6	39
72	Improvement in motor and exploratory behavior in Rett syndrome mice with restricted ketogenic and standard diets. <i>Epilepsy and Behavior</i> , 2009 , 15, 133-41	3.2	46
71	In vitro growth environment produces lipidomic and electron transport chain abnormalities in mitochondria from non-tumorigenic astrocytes and brain tumours. <i>ASN Neuro</i> , 2009 , 1,	5.3	43
70	Targeting energy metabolism in brain cancer with calorically restricted ketogenic diets. <i>Epilepsia</i> , 2008 , 49 Suppl 8, 114-6	6.4	37
69	Lipidomic analysis and electron transport chain activities in C57BL/6J mouse brain mitochondria. <i>Journal of Neurochemistry</i> , 2008 , 106, 299-312	6	116
68	Differential effects of energy stress on AMPK phosphorylation and apoptosis in experimental brain tumor and normal brain. <i>Molecular Cancer</i> , 2008 , 7, 37	42.1	73
67	N-butyldeoxygalactonojirimycin reduces brain ganglioside and GM2 content in neonatal Sandhoff disease mice. <i>Neurochemistry International</i> , 2008 , 52, 1125-33	4.4	42
66	Up-regulation of NG2 proteoglycan and interferon-induced transmembrane proteins 1 and 3 in mouse astrocytoma: a membrane proteomics approach. <i>Cancer Letters</i> , 2008 , 263, 243-52	9.9	52
65	Cardiolipin and electron transport chain abnormalities in mouse brain tumor mitochondria: lipidomic evidence supporting the Warburg theory of cancer. <i>Journal of Lipid Research</i> , 2008 , 49, 2545-56	6.3	199
64	Differentiating N-linked glycan structural isomers in metastatic and nonmetastatic tumor cells using sequential mass spectrometry. <i>Glycobiology</i> , 2008 , 18, 353-66	5.8	41
63	Akt-dependent proapoptotic effects of dietary restriction on late-stage management of a phosphatase and tensin homologue/tuberous sclerosis complex 2-deficient mouse astrocytoma. <i>Clinical Cancer Research</i> , 2008 , 14, 7751-62	12.9	62

62	Brain mitochondrial lipid abnormalities in mice susceptible to spontaneous gliomas. <i>Lipids</i> , 2008 , 43, 951-9	1.6	29
61	Metastatic cancer cells with macrophage properties: evidence from a new murine tumor model. <i>International Journal of Cancer</i> , 2008 , 123, 73-84	7.5	70
60	Thematic review series: sphingolipids. Ganglioside GM3 suppresses the proangiogenic effects of vascular endothelial growth factor and ganglioside GD1a. <i>Journal of Lipid Research</i> , 2008 , 49, 929-38	6.3	38
59	Stem cells act through multiple mechanisms to benefit mice with neurodegenerative metabolic disease. <i>Nature Medicine</i> , 2007 , 13, 439-47	50.5	264
58	Neurochemical, morphological, and neurophysiological abnormalities in retinas of Sandhoff and GM1 gangliosidosis mice. <i>Journal of Neurochemistry</i> , 2007 , 101, 1294-302	6	22
57	Glycolipid and ganglioside metabolism imbalances in HuntingtonQ disease. <i>Neurobiology of Disease</i> , 2007 , 27, 265-77	7.5	90
56	Influence of caloric restriction on motor behavior, longevity, and brain lipid composition in Sandhoff disease mice. <i>Journal of Neuroscience Research</i> , 2006 , 83, 1028-38	4.4	34
55	Behavioral seizure correlates in animal models of epilepsy: a road map for assay selection, data interpretation, and the search for causal mechanisms. <i>Epilepsy and Behavior</i> , 2006 , 8, 5-38	3.2	32
54	Gene-linked shift in ganglioside distribution influences growth and vascularity in a mouse astrocytoma. <i>Journal of Neurochemistry</i> , 2006 , 98, 1973-84	6	22
53	Targeting energy metabolism in brain cancer: review and hypothesis. <i>Nutrition and Metabolism</i> , 2005 , 2, 30	4.6	160
52	Absence of pathogenic mitochondrial DNA mutations in mouse brain tumors. <i>BMC Cancer</i> , 2005 , 5, 102	4.8	24
51	Antiangiogenic and proapoptotic effects of dietary restriction on experimental mouse and human brain tumors. <i>Clinical Cancer Research</i> , 2004 , 10, 5622-9	12.9	137
50	Oxygenation prevents sudden death in seizure-prone mice. <i>Epilepsia</i> , 2004 , 45, 993-6	6.4	93
49	Inheritance of lysosomal acid beta-galactosidase activity and gangliosides in crosses of DBA/2J and knockout mice. <i>Biochemical Genetics</i> , 2004 , 42, 241-57	2.4	29
48	N-butyldeoxygalactonojirimycin reduces neonatal brain ganglioside content in a mouse model of GM1 gangliosidosis. <i>Journal of Neurochemistry</i> , 2004 , 89, 645-53	6	62
47	Perspectives on the metabolic management of epilepsy through dietary reduction of glucose and elevation of ketone bodies. <i>Journal of Neurochemistry</i> , 2003 , 86, 529-37	6	132
46	Hippocampal neurons and glia in epileptic EL mice. <i>Journal of Neurocytology</i> , 2002 , 31, 681-92		55
45	Caloric restriction inhibits seizure susceptibility in epileptic EL mice by reducing blood glucose. <i>Epilepsia</i> , 2001 , 42, 1371-8	6.4	134

44	Perspectives on brain tumor formation involving macrophages, glia, and neural stem cells. <i>Perspectives in Biology and Medicine</i> , 2001 , 44, 263-82	1.5	46
43	Genes differentially expressed in the kindled mouse brain. <i>Molecular Brain Research</i> , 2001 , 96, 94-102		20
42	Expression of mouse sialic acid on gangliosides of a human glioma grown as a xenograft in SCID mice. <i>Journal of Neurochemistry</i> , 1999 , 73, 254-9	6	25
41	Environmental risk factors for multifactorial epilepsy in EL mice. <i>Epilepsia</i> , 1999 , 40, 1697-707	6.4	60
40	Glycosphingolipid biosynthesis may not be necessary for vertebrate brain development. <i>Annals of the New York Academy of Sciences</i> , 1998 , 845, 215-8	6.5	4
39	Ganglioside composition of a mouse brain tumor grown in the severe combined immunodeficiency (SCID) mouse. <i>Molecular and Chemical Neuropathology</i> , 1998 , 33, 27-37		6
38	Inhibition of glycosphingolipid biosynthesis does not impair growth or morphogenesis of the postimplantation mouse embryo. <i>Journal of Neurochemistry</i> , 1998 , 70, 871-82	6	25
37	Environmental influences on epilepsy gene mapping in EL mice. <i>Journal of Neurogenetics</i> , 1998 , 12, 67-86.6		22
36	Nonallelism for the audiogenic seizure prone (Asp1) and the aryl hydrocarbon receptor (Ahr) loci in mice. <i>Journal of Neurogenetics</i> , 1998 , 12, 191-203	1.6	6
35	Synaptic vesicle glutamate uptake in epileptic (EL) mice. <i>Neurochemistry International</i> , 1997 , 31, 581-5	4.4	14
34	Genomic imprinting and audiogenic seizures in mice. <i>Behavior Genetics</i> , 1997 , 27, 465-75	3.2	19
33	Influence of host cell infiltration on the glycolipid content of mouse brain tumors. <i>Journal of Neurochemistry</i> , 1996 , 66, 2026-33	6	18
32	Enhanced aspartate release related to epilepsy in (EL) mice. <i>Journal of Neurochemistry</i> , 1994 , 63, 592-5	6	28
31	Influence of growth environment on the ganglioside composition of an experimental mouse brain tumor. <i>Molecular and Chemical Neuropathology</i> , 1994 , 21, 273-85		13
30	Ceruloplasmin gene defect associated with epilepsy in EL mice. <i>Nature Genetics</i> , 1994 , 6, 426-31	36.3	18
29	Influence of audiogenic seizures on synaptic facilitation in mouse hippocampal slices is mediated by N-methyl-D-aspartate receptor. <i>Epilepsia</i> , 1993 , 34, 979-84	6.4	16
28	The influence of ImuVert, a biological response modifier, on the growth and ganglioside composition of murine neural tumors. <i>Molecular and Chemical Neuropathology</i> , 1993 , 20, 163-72		9
27	Biochemical correlates of epilepsy in the E1 mouse: analysis of glial fibrillary acidic protein and gangliosides. <i>Journal of Neurochemistry</i> , 1992 , 58, 752-60	6	36

26	Ganglioside distribution in murine neural tumors. <i>Molecular and Chemical Neuropathology</i> , 1992 , 17, 147-67		71
25	Neutral glycolipid abnormalities in at-complex mutant mouse embryo. <i>Biochemical Genetics</i> , 1992 , 30, 557-565	2.4	
24	Kindling susceptibility and genetic seizure predisposition in inbred mice. <i>Epilepsia</i> , 1991 , 32, 22-6	6.4	31
23	Enhanced aspartate release from hippocampal slices of epileptic (El) mice. <i>Journal of Neurochemistry</i> , 1991 , 56, 1007-11	6	64
22	Ganglioside GD3 biosynthesis in normal and mutant mouse embryos. <i>Biochemical Genetics</i> , 1991 , 29, 627-38	2.4	9
21	Mapping of two genes that influence susceptibility to audiogenic seizures in crosses of C57BL/6J and DBA/2J mice. <i>Behavior Genetics</i> , 1990 , 20, 307-23	3.2	56
20	Ganglioside GM1 elevation in DBA/2 mouse embryos. <i>Developmental Neuroscience</i> , 1990 , 12, 126-32	2.2	7
19	Ganglioside composition of normal and mutant mouse embryos. <i>Journal of Neurochemistry</i> , 1989 , 52, 460-6	6	38
18	Ganglioside abnormalities associated with failed neural differentiation in a T-locus mutant mouse embryo. <i>Developmental Biology</i> , 1987 , 123, 286-91	3.1	32
17	Calcium ATPase activities in synaptic plasma membranes of seizure-prone mice. <i>Journal of Neurochemistry</i> , 1986 , 46, 1370-5	6	27
16	Immunocytochemical localization of GD3 ganglioside to astrocytes in murine cerebellar mutants. <i>Brain Research</i> , 1986 , 374, 260-9	3.7	46
15	A review of mouse mutants as genetic models of epilepsy. <i>Epilepsia</i> , 1985 , 26, 143-50	6.4	155
14	Genetic study of cationic ATPase activities and audiogenic seizure susceptibility in recombinant inbred and congenic strains of mice. <i>Journal of Neurochemistry</i> , 1984 , 42, 529-33	6	14
13	Genetic association between Ca ²⁺ -ATPase activity and audiogenic seizures in mice. <i>Journal of Neurochemistry</i> , 1984 , 42, 1771-4	6	33
12	Cellular distribution of gangliosides in the developing mouse cerebellum: analysis using the staggerer mutant. <i>Journal of Neurochemistry</i> , 1984 , 43, 1152-62	6	59
11	GD3 ganglioside is a glycolipid characteristic of immature neuroectodermal cells. <i>Journal of Neuroimmunology</i> , 1984 , 7, 179-92	3.5	175
10	Genetic heterogeneity for the development of audiogenic seizures in mice. <i>Brain Research</i> , 1983 , 271, 325-9	3.7	23
9	Retinal gangliosides in RCS mutant rats. <i>Journal of Neurochemistry</i> , 1982 , 39, 277-9	6	24

8	Differential cellular enrichment of gangliosides in the mouse cerebellum: analysis using neurological mutants. <i>Journal of Neurochemistry</i> , 1982 , 38, 551-9	6	81
7	Cerebellar gangliosides and phospholipids in mutant mice with ataxia and epilepsy: the Tottering/Leaner syndrome. <i>Brain Research</i> , 1981 , 216, 429-36	3-7	45
6	Genetic linkage between the AH locus and a major gene that inhibits susceptibility to audiogenic seizures in mice. <i>Genetics</i> , 1981 , 99, 117-26	4	28
5	Heterosis for brain myelin content in mice. <i>Biochemical Genetics</i> , 1980 , 18, 1229-37	2-4	33
4	Genetic analysis of audiogenic seizure susceptibility in C57BL/6J X DBA/2J recombinant inbred strains of mice. <i>Genetics</i> , 1980 , 94, 701-18	4	56
3	Genetic variability for regional brain gangliosides in five strains of young mice. <i>Biochemical Genetics</i> , 1979 , 17, 43-55	2-4	43
2	Cerebral, cerebellar, and brain stem gangliosides in mice susceptible to audiogenic seizures. <i>Journal of Neurochemistry</i> , 1978 , 31, 21-7	6	107
1	Inheritance of brain weight in two strains of mice. <i>Journal of Heredity</i> , 1977 , 68, 337-338	2-4	7