Myriam Baes

List of Publications by Year
in descending order

137 papers	9,096 citations	50276 46 h-index	43889 91 g-index
140 all docs	140 docs citations	140 times ranked	9873 citing authors

#	Article	IF	Citations
1	Inhibition of plasminogen activators or matrix metalloproteinases prevents cardiac rupture but impairs therapeutic angiogenesis and causes cardiac failure. Nature Medicine, 1999, 5, 1135-1142.	30.7	745
2	Urokinase-generated plasmin activates matrix metalloproteinases during aneurysm formation. Nature Genetics, 1997, 17, 439-444.	21.4	621
3	Fatty acid carbon is essential for dNTP synthesis in endothelial cells. Nature, 2015, 520, 192-197.	27.8	466
4	A new orphan member of the nuclear hormone receptor superfamily that interacts with a subset of retinoic acid response elements.. Molecular and Cellular Biology, 1994, 14, 1544-1552.	2.3	450
5	Deficiency or inhibition of oxygen sensor Phd1 induces hypoxia tolerance by reprogramming basal metabolism. Nature Genetics, 2008, 40, 170-180.	21.4	433
6	Axonal loss and neuroinflammation caused by peroxisome-deficient oligodendrocytes. Nature Genetics, 2007, 39, 969-976.	21.4	294
7	A mouse model for Zellweger syndrome. Nature Genetics, 1997, 17, 49-57.	21.4	267
8	Oxygen Sensors at the Crossroad of Metabolism. Cell Metabolism, 2009, 9, 11-22.	16.2	251
9	Endothelial cell metabolism in health and disease: impact of hypoxia. EMBO Journal, 2017, 36, 2187-2203.	7.8	186
10	Mitochondrial Alterations Caused by Defective Peroxisomal Biogenesis in a Mouse Model for Zellweger Syndrome (PEX5 Knockout Mouse). American Journal of Pathology, 2001, 159, 1477-1494.	3.8	183
11	Inactivation of the Peroxisomal Multifunctional Protein-2 in Mice Impedes the Degradation of Not Only 2-Methyl-branched Fatty Acids and Bile Acid Intermediates but Also of Very Long Chain Fatty Acids. Journal of Biological Chemistry, 2000, 275, 16329-16336.	3.4	180
12	A New Orphan Member of the Nuclear Hormone Receptor Superfamily That Interacts with a Subset of Retinoic Acid Response Elements. Molecular and Cellular Biology, 1994, 14, 1544-1552.	2.3	174
13	Evidence for Functional Communication between Folliculo-Stellate Cells and Hormone-Secreting Cells in Perifused Anterior Pituitary Cell Aggregates*. Endocrinology, 1987, 120, 685-691.	2.8	172
14	Identification and Characterization of the Putative Human Peroxisomal C-terminal Targeting Signal Import Receptor. Journal of Biological Chemistry, 1995, 270, 7731-7736.	3.4	170
15	Absence of peroxisomes in mouse hepatocytes causes mitochondrial and ER abnormalities. Hepatology, 2005, 41, 868-878.	7.3	170
16	Mitochondria are targets for peroxisome-derived oxidative stress in cultured mammalian cells. Free Radical Biology and Medicine, 2013, 65, 882-894.	2.9	126
17	Gene-Targeting of Phd2 Improves Tumor Response to Chemotherapy and Prevents Side-Toxicity. Cancer Cell, 2012, 22, 263-277.	16.8	117
18	Loss or Silencing of the PHD1 Prolyl Hydroxylase Protects Livers of Mice Against Ischemia/Reperfusion Injury. Gastroenterology, 2010, 138, 1143-1154.e2.	1.3	108

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19	Absence of Functional Peroxisomes from Mouse CNS Causes Dysmyelination and Axon Degeneration. Journal of Neuroscience, 2008, 28, 4015-4027.	3.6	107
20	Alkyl-Glycerol Rescues Plasmalogen Levels and Pathology of Ether-Phospholipid Deficient Mice. PLoS ONE, 2011, 6, e28539.	2.5	104
21	Impaired neuronal migration and endochondral ossification in Pex7 knockout mice: a model for rhizomelic chondrodysplasia punctata. Human Molecular Genetics, 2003, 12, 2255-2267.	2.9	97
22	Ectopic recombination in the central and peripheral nervous system by aP2/FABP4â€Cre mice: Implications for metabolism research. FEBS Letters, 2010, 584, 1054-1058.	2.8	91
23	Increased Expression of Translocator Protein (TSPO) Marks Pro-inflammatory Microglia but Does Not Predict Neurodegeneration. Molecular Imaging and Biology, 2018, 20, 94-102.	2.6	88
24	Peroxisomes can oxidize mediumâ€•and longâ€chain fatty acids through a pathway involving ABCD3 and HSD17B4. FASEB Journal, 2019, 33, 4355-4364.	0.5	82
25	Neocortical and cerebellar developmental abnormalities in conditions of selective elimination of peroxisomes from brain or from liver. Journal of Neuroscience Research, 2007, 85, 58-72.	2.9	81
26	Peroxisomal multifunctional protein-2: The enzyme, the patients and the knockout mouse model. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2006, 1761, 973-994.	2.4	78
27	Peroxisomal Multifunctional Protein 2 Is Essential for Lipid Homeostasis in Sertoli Cells and Male Fertility in Mice. Endocrinology, 2006, 147, 2228-2236.	2.8	78
28	Evidence that Stimulation of Growth Hormone Release by Epinephrine and Vasoactive Intestinal Peptide Is Based on Cell-to-Cell Communication in the Pituitary*. Endocrinology, 1987, 120, 280-290.	2.8	71
29	Role of PPAR in Hepatic Carbohydrate Metabolism. PPAR Research, 2010, 2010, 1-12.	2.4	69
30	Constitutive IP3 signaling underlies the sensitivity of B-cell cancers to the Bcl-2/IP3 receptor disruptor BIRD-2. Cell Death and Differentiation, 2019, 26, 531-547.	11.2	69
31	Axonal integrity in the absence of functional peroxisomes from projection neurons and astrocytes. Glia, 2010, 58, 1532-1543.	4.9	67
32	Spatiotemporal contact between peroxisomes and lipid droplets regulates fasting-induced lipolysis via PEX5. Nature Communications, 2020, 11, 578.	12.8	66
33	Mitochondria in peroxisome-deficient hepatocytes exhibit impaired respiration, depleted DNA, and PGC-1Î± independent proliferation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 285-298.	4.1	65
34	Regulation and Cellular Localization of the Membrane Bound Thyrotropin-Releasing Hormone-Degrading Enzyme in Primary Cultures of Neuronal, Glial and Adenohypophyseal Cells*. Endocrinology, 1990, 127, 1224-1233.	2.8	63
35	Neuronal Migration Depends on Intact Peroxisomal Function in Brain and in Extraneuronal Tissues. Journal of Neuroscience, 2003, 23, 9732-9741.	3.6	60
36	Peroxisomes, Myelination, and Axonal Integrity in the CNS. Neuroscientist, 2009, 15, 367-379.	3.5	59

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37	Mouse models for peroxisome biogenesis defects and Î²-oxidation enzyme deficiencies. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 1489-1500.	3.8	59
38	Hepatic dysfunction in peroxisomal disorders. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 956-970.	4.1	58
39	Overexpression of Peroxisome Proliferator-activated Receptor-Î± (PPARÎ±)-regulated Genes in Liver in the Absence of Peroxisome Proliferation in Mice Deficient in both l- and d-Forms of Enoyl-CoA Hydratase/Dehydrogenase Enzymes of Peroxisomal Î²-Oxidation System. Journal of Biological Chemistry, 2003, 278, 47232-47239.	3.4	56
40	Neuronal migration disorder in Zellweger mice is secondary to glutamate receptor dysfunction. Annals of Neurology, 2000, 48, 336-343.	5.3	55
41	Identification and characterization of human PMP34, a protein closely related to the peroxisomal integral membrane protein PMP47 of Candida boidinii. FEBS Journal, 1998, 258, 332-338.	0.2	54
42	Docosahexaenoic Acid Deficit Is Not a Major Pathogenic Factor in Peroxisome-Deficient Mice. Laboratory Investigation, 2000, 80, 31-35.	3.7	54
43	Determination of OATP-, NTCP- and OCT-mediated substrate uptake activities in individual and pooled batches of cryopreserved human hepatocytes. European Journal of Pharmaceutical Sciences, 2011, 43, 297-307.	4.0	54
44	Peroxisome deficiency but not the defect in ether lipid synthesis causes activation of the innate immune system and axonal loss in the central nervous system. Journal of Neuroinflammation, 2012, 9, 61.	7.2	54
45	C-terminal tripeptide Ser-Asn-Leu (SNL) of human D-aspartate oxidase is a functional peroxisome-targeting signal. Biochemical Journal, 1998, 336, 367-371.	3.7	53
46	Developmental Changes of Bile Acid Composition and Conjugation in L- and D-Bifunctional Protein Single and Double Knockout Mice. Journal of Biological Chemistry, 2005, 280, 18658-18666.	3.4	51
47	Mitochondrial 2,4-dienoyl-CoA Reductase Deficiency in Mice Results in Severe Hypoglycemia with Stress Intolerance and Unimpaired Ketogenesis. PLoS Genetics, 2009, 5, e1000543.	3.5	47
48	Peroxisomal Multifunctional Protein-2 Deficiency Causes Motor Deficits and Glial Lesions in the Adult Central Nervous System. American Journal of Pathology, 2006, 168, 1321-1334.	3.8	46
49	Absence of functional peroxisomes does not lead to deficiency of enzymes involved in cholesterol biosynthesis. Journal of Lipid Research, 2002, 43, 90-98.	4.2	46
50	The Neuronal Migration Defect in Mice with Zellweger Syndrome (Pex5Knockout) is not Caused by the Inactivity of Peroxisomal Î²-Oxidation. Journal of Neuropathology and Experimental Neurology, 2002, 61, 368-374.	1.7	45
51	Identification of a chronic nonâ€neurodegenerative microglia activation state in a mouse model of peroxisomal Î²â€oxidation deficiency. Glia, 2015, 63, 1606-1620.	4.9	45
52	Stimulation of Prolactin Secretion after Short Term or Pulsatile Exposure to Dopamine in Superfused Anterior Pituitary Cell Aggregates*. Endocrinology, 1984, 114, 1371-1378.	2.8	44
53	Prenatal and postnatal development of peroxisomal lipid-metabolizing pathways in the mouse. Biochemical Journal, 2001, 353, 673-680.	3.7	44
54	Î²-Oxidation in hepatocyte cultures from mice with peroxisomal gene knockouts. Biochemical and Biophysical Research Communications, 2007, 357, 718-723.	2.1	44

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55	Carbohydrate Metabolism Is Perturbed in Peroxisome-deficient Hepatocytes Due to Mitochondrial Dysfunction, AMP-activated Protein Kinase (AMPK) Activation, and Peroxisome Proliferator-activated Receptor Î³ Coactivator 1Î± (PGC-1Î±) Suppression*. Journal of Biological Chemistry, 2011, 286, 42162-42179.	3.4	44
56	Peroxisomal multifunctional protein-2 deficiency causes neuroinflammation and degeneration of Purkinje cells independent of very long chain fatty acid accumulation. Neurobiology of Disease, 2013, 58, 258-269.	4.4	44
57	Stimulation of Growth Hormone Release by Vasoactive Intestinal Peptide and Peptide PHI in Rat Anterior Pituitary Reaggregates. Neuroendocrinology, 1985, 40, 88-91.	2.5	42
58	Generalised and conditional inactivation of Pex genes in mice. Biochimica Et Biophysica Acta - Molecular Cell Research, 2006, 1763, 1785-1793.	4.1	42
59	Mass spectrometric analysis of ceramide perturbations in brain and fibroblasts of mice and human patients with peroxisomal disorders. Rapid Communications in Mass Spectrometry, 2004, 18, 1569-1574.	1.5	41
60	A role for myelin-associated peroxisomes in maintaining paranodal loops and axonal integrity. FEBS Letters, 2011, 585, 2205-2211.	2.8	41
61	Î²-ADRENERGIC STIMULATION OF PROLACTIN RELEASE FROM SUPERFUSED PITUITARY CELL AGGREGATES1. Endocrinology, 1982, 111, 356-358.	2.8	40
62	Metabolism and Therapeutic Angiogenesis. New England Journal of Medicine, 2008, 358, 2511-2512.	27.0	38
63	Î±â€Synuclein abnormalities in mouse models of peroxisome biogenesis disorders. Journal of Neuroscience Research, 2010, 88, 866-876.	2.9	36
64	Degradation of very long chain dicarboxylic polyunsaturated fatty acids in mouse hepatocytes, a peroxisomal process. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2008, 1781, 400-405.	2.4	35
65	Coordinate induction of PPARÎ± and SREBP2 in multifunctional protein 2 deficient mice. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2008, 1781, 694-702.	2.4	35
66	Peroxisomal Disorders: A Review on Cerebellar Pathologies. Brain Pathology, 2015, 25, 663-678.	4.1	33
67	Absence of functional peroxisomes does not lead to deficiency of enzymes involved in cholesterol biosynthesis. Journal of Lipid Research, 2002, 43, 90-8.	4.2	33
68	Do sphingoid bases interact with the peroxisome proliferator activated receptor Î± (PPAR-Î±)?. Cellular Signalling, 2000, 12, 475-479.	3.6	32
69	Peroxisome deficient invertebrate and vertebrate animal models. Frontiers in Physiology, 2013, 4, 335.	2.8	32
70	PXR/CYP3A4-Humanized Mice for Studying Drugâ€“Drug Interactions Involving Intestinal P-Glycoprotein. Molecular Pharmaceutics, 2013, 10, 1056-1062.	4.6	31
71	Peroxisomal biogenesis is genetically and biochemically linked to carbohydrate metabolism in Drosophila and mouse. PLoS Genetics, 2017, 13, e1006825.	3.5	31
72	Characterization of the Glucose-Dependent Release of Growth Hormone-Releasing Factor and Somatostatin from Superfused Rat Hypothalami. Neuroendocrinology, 1990, 51, 202-207.	2.5	30

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73	Î²-Adrenergic Stimulation of Adenosine-3â€™,5â€™-Monophosphate (c-AMP) in Primary Cultures of Rat Anterior Pituitary Cell Populations Separated by Unit Gravity Sedimentation. Neuroendocrinology, 1985, 40, 78-83.	2.5	29
74	Prenatal and postnatal development of peroxisomal lipid-metabolizing pathways in the mouse. Biochemical Journal, 2001, 353, 673.	3.7	29
75	Peroxisomal dysfunctions cause lysosomal storage and axonal Kv1 channel redistribution in peripheral neuropathy. ELife, 2017, 6, .	6.0	29
76	Antagonism of COUP-TF and PPARÎ±-RXRÎ± on the Activation of the Malic Enzyme Gene Promoter: Modulation by 9-cis-RA. Biochemical and Biophysical Research Communications, 1995, 215, 338-345.	2.1	28
77	Sequence requirements for high affinity retinoid X receptor-Î± homodimer binding. Molecular and Cellular Endocrinology, 1996, 119, 11-20.	3.2	28
78	Rat Pristanoyl-CoA Oxidase. cDNA Cloning and Recognition of its C-Terminal (SQL) by the Peroxisomal-Targeting Signal 1 Receptor. FEBS Journal, 1996, 239, 302-309.	0.2	28
79	Generation ofPex5-loxP mice allowing the conditional elimination of peroxisomes. Genesis, 2002, 32, 177-178.	1.6	28
80	Farnesylation of Pex19p is not essential for peroxisome biogenesis in yeast and mammalian cells. Cellular and Molecular Life Sciences, 2006, 63, 1686-1699.	5.4	27
81	On the presence of C2-ceramide in mammalian tissues: possible relationship to etherphospholipids and phosphorylation by ceramide kinase. Biological Chemistry, 2007, 388, 315-24.	2.5	27
82	Functional peroxisomes are required for Î²-cell integrity in mice. Molecular Metabolism, 2019, 22, 71-83.	6.5	27
83	Prolyl hydroxylase-1 regulates hepatocyte apoptosis in an NF-Î¹Â³B-dependent manner. Biochemical and Biophysical Research Communications, 2016, 474, 579-586.	2.1	26
84	Mitochondrial disruption in peroxisome deficient cells is hepatocyte selective but is not mediated by common hepatic peroxisomal metabolites. Mitochondrion, 2018, 39, 51-59.	3.4	26
85	Î²-Adrenergic Stimulation of Adenosine-3â€™,5â€™-Monophosphate (c-AMP) Accumulation and of Prolactin and Growth Hormone Secretion in Rat Anterior Pituitary Cell Cultures. Neuroendocrinology, 1985, 40, 72-77.	2.5	25
86	Deciphering the potential involvement of PXMP2 and PEX11B in hydrogen peroxide permeation across the peroxisomal membrane reveals a role for PEX11B in protein sorting. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 182991.	2.6	25
87	Phytol-induced pathology in 2-hydroxyacyl-CoA lyase (HACL1) deficient mice. Evidence for a second non-HACL1-related lyase. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 972-990.	2.4	24
88	Further insights into peroxisomal lipid breakdown via Î±- and Î²-oxidation. Biochemical Society Transactions, 2001, 29, 292-297.	3.4	23
89	Hepatosteatosis in peroxisome deficient liver despite increased Î²-oxidation capacity and impaired lipogenesis. Biochimie, 2011, 93, 1828-1838.	2.6	23
90	Precise Anatomic Localization of Accumulated Lipids in Mfp2 Deficient Murine Brains Through Automated Registration of SIMS Images to the Allen Brain Atlas. Journal of the American Society for Mass Spectrometry, 2015, 26, 948-957.	2.8	23

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91	DNA Binding Preferences of PPARÎ±/RXRÎ± Heterodimers. Biochemical and Biophysical Research Communications, 1997, 233, 91-95.	2.1	22
92	Growth Hormone-Releasing Factor Secretion from Fetal Hypothalamic Cell Cultures Is Modulated by Forskolin, Phorbol Esters, and Muscimol*. Endocrinology, 1989, 124, 104-110.	2.8	21
93	Isoprenoid biosynthesis is not compromised in a Zellweger syndrome mouse model. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2001, 1532, 28-36.	2.4	20
94	Microglia lacking a peroxisomal Î²-oxidation enzyme chronically alter their inflammatory profile without evoking neuronal and behavioral deficits. Journal of Neuroinflammation, 2019, 16, 61.	7.2	20
95	Differential distribution of peroxisomal proteins points to specific roles of peroxisomes in the murine retina. Molecular and Cellular Biochemistry, 2019, 456, 53-62.	3.1	20
96	The Glucocorticoid Hormone Dexamethasone Reverses the Growth Hormone-Releasing Properties of the Cholinomimetic Carbachol*. Endocrinology, 1989, 124, 2625-2634.	2.8	19
97	Peroxisome deficient aP2â€“Pex5 knockout mice display impaired white adipocyte and muscle function concomitant with reduced adrenergic tone. Molecular Genetics and Metabolism, 2012, 107, 735-747.	1.1	19
98	The oxysterol and cholestenoic acid profile of mouse cerebrospinal fluid. Steroids, 2015, 99, 172-177.	1.8	19
99	Combined deficiency of peroxisomal Î²-oxidation and ether lipid synthesis in mice causes only minor cortical neuronal migration defects but severe hypotonia. Molecular Genetics and Metabolism, 2010, 100, 71-76.	1.1	18
100	Neuronal migration disorder in Zellweger mice is secondary to glutamate receptor dysfunction. Annals of Neurology, 2000, 48, 336-43.	5.3	18
101	Î²2-receptors in the rat anterior pituitary mediate adrenergic stimulation of prolactin release. Life Sciences, 1984, 34, 1447-1454.	4.3	17
102	Slc25a17 Gene Trapped Mice: PMP34 Plays a Role in the Peroxisomal Degradation of Phytanic and Pristanic Acid. Frontiers in Cell and Developmental Biology, 2020, 8, 144.	3.7	17
103	Role of AMACR (Î±-methylacyl-CoA racemase) and MFE-1 (peroxisomal multifunctional enzyme-1) in bile acid synthesis in mice. Biochemical Journal, 2014, 461, 125-135.	3.7	15
104	Early-onset Purkinje cell dysfunction underlies cerebellar ataxia in peroxisomal multifunctional protein-2 deficiency. Neurobiology of Disease, 2016, 94, 157-168.	4.4	15
105	Peroxisomes in zebrafish: distribution pattern and knockdown studies. Histochemistry and Cell Biology, 2010, 134, 39-51.	1.7	14
106	Vaginal Expression of Efflux Transporters and the Potential Impact on the Disposition of Microbicides in Vitro and in Rabbits. Molecular Pharmaceutics, 2014, 11, 4405-4414.	4.6	14
107	Central nervous system pathology in MFP2 deficiency: Insights from general and conditional knockout mouse models. Biochimie, 2014, 98, 119-126.	2.6	14
108	Lipid homeostasis and inflammatory activation are disturbed in classically activated macrophages with peroxisomal Î²â€oxidation deficiency. Immunology, 2018, 153, 342-356.	4.4	13

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109	Neuronal Dysfunction and Behavioral Abnormalities Are Evoked by Neural Cells and Aggravated by Inflammatory Microglia in Peroxisomal Î²-Oxidation Deficiency. Frontiers in Cellular Neuroscience, 2018, 12, 136.	3.7	13
110	Cell Type-Selective Loss of Peroxisomal Î²-Oxidation Impairs Bipolar Cell but Not Photoreceptor Survival in the Retina. Cells, 2022, 11, 161.	4.1	13
111	Liver disease predominates in a mouse model for mild human Zellweger spectrum disorder. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 2774-2787.	3.8	12
112	Peroxisomal Multifunctional Protein 2 Deficiency Perturbs Lipid Homeostasis in the Retina and Causes Visual Dysfunction in Mice. Frontiers in Cell and Developmental Biology, 2021, 9, 632930.	3.7	12
113	Peroxisomal Disorders and Their Mouse Models Point to Essential Roles of Peroxisomes for Retinal Integrity. International Journal of Molecular Sciences, 2021, 22, 4101.	4.1	12
114	Hungry for Blood Vessels: Linking Metabolism and Angiogenesis. Developmental Cell, 2008, 14, 313-314.	7.0	11
115	Block of a subset of sodium channels exacerbates experimental autoimmune encephalomyelitis. Journal of Neuroimmunology, 2013, 261, 21-28.	2.3	11
116	Phytol is lethal for Amacr-deficient mice. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 1394-1405.	2.4	11
117	Brief Report: The Deletion of the Phosphatase Regulator NIPP1 Causes Progenitor Cell Expansion in the Adult Liver. Stem Cells, 2016, 34, 2256-2262.	3.2	10
118	Autonomous Purkinje cell axonal dystrophy causes ataxia in peroxisomal multifunctional proteinâ€2 deficiency. Brain Pathology, 2018, 28, 631-643.	4.1	10
119	Influence of corticosteroids on prolactin release from anterior pituitary cell aggregates cultured in serum-free medium. differential effects on dopamine-induced inhibition, post-dopamine rebound and stimulation by TRH, Vasoactive Intestinal Peptide (VIP), angiotensinii and isoproterenol. The Journal of Steroid Biochemistry, 1984, 20, 197-202.	1.1	9
120	Peroxisomes Are Critical for the Development and Maintenance of B1 and Marginal Zone B Cells but Dispensable for Follicular B Cells and T Cells. Journal of Immunology, 2022, 208, 839-850.	0.8	9
121	Differential activities of peroxisomes along the mouse intestinal epithelium. Cell Biochemistry and Function, 2017, 35, 144-155.	2.9	8
122	Peroxisomal Disorders and Retinal Degeneration. Advances in Experimental Medicine and Biology, 2019, 1185, 317-321.	1.6	8
123	Mouse Models for Peroxisome Biogenesis Disorders. Cell Biochemistry and Biophysics, 2000, 32, 229-237.	1.8	7
124	Specific suppression of microgliosis cannot circumvent the severe neuropathology in peroxisomal Î²-oxidation-deficient mice. Molecular and Cellular Neurosciences, 2017, 80, 123-133.	2.2	7
125	Lessons from Knockout Mice. I: Phenotypes of Mice with Peroxisome Biogenesis Disorders. Advances in Experimental Medicine and Biology, 2003, 544, 113-122.	1.6	7
126	Further insights into peroxisomal lipid breakdown via Î±- and Î²-oxidation. Biochemical Society Transactions, 2001, 29, 292.	3.4	7

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127	A missense allele of PEX5 is responsible for the defective import of PTS2 cargo proteins into peroxisomes. Human Genetics, 2021, 140, 649-666.	3.8	6
128	Renal tubular peroxisomes are dispensable for normal kidney function. JCI Insight, 2022, 7, .	5.0	6
129	Inter-Subject Variability in OCT1 Activity in 27 Batches of Cryopreserved Human Hepatocytes and Association with OCT1 mRNA Expression and Genotype. Pharmaceutical Research, 2017, 34, 1309-1319.	3.5	4
130	Peroxisome Deficiency Does Not Result in Deficiency of Enzymes involved in Cholesterol Biosynthesis. Advances in Experimental Medicine and Biology, 2003, 544, 329-330.	1.6	4
131	Abl1 inhibitory contaminants leach from plastic tubes. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 340-343.	5.2	3
132	Isoprenoid biosynthesis is not compromised in a Zellweger syndrome mouse model. Biochemical Society Transactions, 2001, 29, A26-A26.	3.4	1
133	Developmental and Degenerative Cerebellar Pathologies in Peroxisomal Î²-Oxidation Deficiency. Advances in Experimental Medicine and Biology, 2020, 1299, 105-115.	1.6	1
134	Evidence for Regulatory Cell-to-Cell Communication with Gonadotrophs, Lactotrophs, and Folliculostellate Cells in Rat Pituitary Cell Aggregates. , 1987, , 163-175.		0
135	Response to Notter and Meyerâ€™s Letter to the Editor Regarding Increased Expression of Translocator Protein (TSPO) Marks Pro-inflammatory Microglia but Does Not Predict Neurodegeneration. Molecular Imaging and Biology, 2018, 20, 354-355.	2.6	0
136	Mouse Models with Peroxisome Biogenesis Defects. , 2014, , 17-36.		0
137	Tissue distribution of peroxisomes in zebrafish. , 2008, , 291-292.		0