

Steven A Kliewer

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.

54
papers

13,812
citations

39
h-index

56
g-index

56
ext. papers

15,436
ext. citations

17.8
avg, IF

6.04
L-index

#	Paper	IF	Citations
54	Characterization of the endogenous DAF-12 ligand and its use as an anthelmintic agent in. <i>ELife</i> , 2021 , 10,	8.9	2
53	FGF21 promotes thermogenic gene expression as an autocrine factor in adipocytes. <i>Cell Reports</i> , 2021 , 35, 109331	10.6	12
52	Identification of a nuclear receptor/coactivator developmental signaling pathway in the nematode parasite. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	2
51	The <i>Schistosoma mansoni</i> nuclear receptor FTZ-F1 maintains esophageal gland function via transcriptional regulation of <i>Smeg-8.3</i> . <i>PLoS Pathogens</i> , 2021 , 17, e1010140	7.6	0
50	Pancreatitis is an FGF21-deficient state that is corrected by replacement therapy. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	16
49	Dafachronic acid and temperature regulate canonical dauer pathways during <i>Nippostrongylus brasiliensis</i> infectious larvae activation. <i>Parasites and Vectors</i> , 2020 , 13, 162	4	6
48	A Dozen Years of Discovery: Insights into the Physiology and Pharmacology of FGF21. <i>Cell Metabolism</i> , 2019 , 29, 246-253	24.6	96
47	The orphan nuclear receptor SHP regulates ER stress response by inhibiting XBP1s degradation. <i>Genes and Development</i> , 2019 , 33, 1083-1094	12.6	10
46	The Hormone FGF21 Stimulates Water Drinking in Response to Ketogenic Diet and Alcohol. <i>Cell Metabolism</i> , 2018 , 27, 1338-1347.e4	24.6	50
45	Methylprednisolone acetate induces, and α -dafachronic acid suppresses, hyperinfection in NSG mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 204-209	11.5	27
44	PPAR δ K107 SUMOylation regulates insulin sensitivity but not adiposity in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 12102-12111	11.5	14
43	FGF21 Is an Exocrine Pancreas Secretagogue. <i>Cell Metabolism</i> , 2017 , 25, 472-480	24.6	58
42	Nuclear receptors: emerging drug targets for parasitic diseases. <i>Journal of Clinical Investigation</i> , 2017 , 127, 1165-1171	15.9	13
41	FGF19, FGF21, and an FGFR1/Klotho-Activating Antibody Act on the Nervous System to Regulate Body Weight and Glycemia. <i>Cell Metabolism</i> , 2017 , 26, 709-718.e3	24.6	131
40	KLB is associated with alcohol drinking, and its gene product Klotho is necessary for FGF21 regulation of alcohol preference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 14372-14377	11.5	150
39	Impaired 17,20-Lyase Activity in Male Mice Lacking Cytochrome b5 in Leydig Cells. <i>Molecular Endocrinology</i> , 2016 , 30, 469-78		11
38	Prolongevity hormone FGF21 protects against immune senescence by delaying age-related thymic involution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 1026-31	11.5	67

37	FGF21 Regulates Sweet and Alcohol Preference. <i>Cell Metabolism</i> , 2016 , 23, 344-9	24.6	189
36	Regulation of Life Cycle Checkpoints and Developmental Activation of Infective Larvae in <i>Strongyloides stercoralis</i> by Dafachronic Acid. <i>PLoS Pathogens</i> , 2016 , 12, e1005358	7.6	41
35	The nuclear receptor DAF-12 regulates nutrient metabolism and reproductive growth in nematodes. <i>PLoS Genetics</i> , 2015 , 11, e1005027	6	33
34	Tissue-specific actions of the metabolic hormones FGF15/19 and FGF21. <i>Trends in Endocrinology and Metabolism</i> , 2015 , 26, 22-9	8.8	194
33	Bile Acids as Hormones: The FXR-FGF15/19 Pathway. <i>Digestive Diseases</i> , 2015 , 33, 327-31	3.2	219
32	Detection of FGF15 in plasma by stable isotope standards and capture by anti-peptide antibodies and targeted mass spectrometry. <i>Cell Metabolism</i> , 2015 , 21, 898-904	24.6	47
31	Glucocorticoids regulate the metabolic hormone FGF21 in a feed-forward loop. <i>Molecular Endocrinology</i> , 2015 , 29, 213-23		57
30	Circulating FGF21 is liver derived and enhances glucose uptake during refeeding and overfeeding. <i>Diabetes</i> , 2014 , 63, 4057-63	0.9	349
29	FGF21 acts centrally to induce sympathetic nerve activity, energy expenditure, and weight loss. <i>Cell Metabolism</i> , 2014 , 20, 670-7	24.6	305
28	SnapShot: Hormones of the gastrointestinal tract. <i>Cell</i> , 2014 , 159, 1478.e1	56.2	8
27	FGF21 contributes to neuroendocrine control of female reproduction. <i>Nature Medicine</i> , 2013 , 19, 1153-65	0.5	155
26	FGF21 regulates metabolism and circadian behavior by acting on the nervous system. <i>Nature Medicine</i> , 2013 , 19, 1147-52	50.5	333
25	Fibroblast growth factor-21 regulates PPAR α activity and the antidiabetic actions of thiazolidinediones. <i>Cell</i> , 2012 , 148, 556-67	56.2	419
24	Fibroblast growth factor 21 promotes bone loss by potentiating the effects of peroxisome proliferator-activated receptor α . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 3143-8	11.5	291
23	The starvation hormone, fibroblast growth factor-21, extends lifespan in mice. <i>ELife</i> , 2012 , 1, e00065	8.9	265
22	Klotho is required for fibroblast growth factor 21 effects on growth and metabolism. <i>Cell Metabolism</i> , 2012 , 16, 387-93	24.6	285
21	Nuclear receptors HNF4 α and LRH-1 cooperate in regulating Cyp7a1 in vivo. <i>Journal of Biological Chemistry</i> , 2012 , 287, 41334-41	5.4	91
20	Endocrine fibroblast growth factors 15/19 and 21: from feast to famine. <i>Genes and Development</i> , 2012 , 26, 312-24	12.6	317

19	Liver LXR β expression is crucial for whole body cholesterol homeostasis and reverse cholesterol transport in mice. <i>Journal of Clinical Investigation</i> , 2012 , 122, 1688-99	15.9	138
18	FGF19 as a postprandial, insulin-independent activator of hepatic protein and glycogen synthesis. <i>Science</i> , 2011 , 331, 1621-4	33.3	421
17	FGF15/19 regulates hepatic glucose metabolism by inhibiting the CREB-PGC-1 β pathway. <i>Cell Metabolism</i> , 2011 , 13, 729-38	24.6	263
16	LRH-1 and PTF1-L coregulate an exocrine pancreas-specific transcriptional network for digestive function. <i>Genes and Development</i> , 2011 , 25, 1674-9	12.6	78
15	Regulation of bile acid synthesis by fat-soluble vitamins A and D. <i>Journal of Biological Chemistry</i> , 2010 , 285, 14486-94	5.4	150
14	Research resource: Comprehensive expression atlas of the fibroblast growth factor system in adult mouse. <i>Molecular Endocrinology</i> , 2010 , 24, 2050-64		470
13	Identification of the nuclear receptor DAF-12 as a therapeutic target in parasitic nematodes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 9138-43	11.5	99
12	FGF21 induces PGC-1 α and regulates carbohydrate and fatty acid metabolism during the adaptive starvation response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 10853-8	11.5	503
11	Inhibition of growth hormone signaling by the fasting-induced hormone FGF21. <i>Cell Metabolism</i> , 2008 , 8, 77-83	24.6	316
10	Molecular insights into the klotho-dependent, endocrine mode of action of fibroblast growth factor 19 subfamily members. <i>Molecular and Cellular Biology</i> , 2007 , 27, 3417-28	4.8	397
9	Tissue-specific expression of betaKlotho and fibroblast growth factor (FGF) receptor isoforms determines metabolic activity of FGF19 and FGF21. <i>Journal of Biological Chemistry</i> , 2007 , 282, 26687-26695	5.4	542
8	Endocrine regulation of the fasting response by PPAR α -mediated induction of fibroblast growth factor 21. <i>Cell Metabolism</i> , 2007 , 5, 415-25	24.6	1103
7	Identification of a hormonal basis for gallbladder filling. <i>Nature Medicine</i> , 2006 , 12, 1253-5	50.5	231
6	Fibroblast growth factor 15 functions as an enterohepatic signal to regulate bile acid homeostasis. <i>Cell Metabolism</i> , 2005 , 2, 217-25	24.6	1270
5	Pregnane X receptor: predicting and preventing drug interactions. <i>Thrombosis Research</i> , 2005 , 117, 133-6; discussion 145-51	8.2	6
4	Cholesterol detoxification by the nuclear pregnane X receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 2675-6	11.5	18
3	Definition of a novel growth factor-dependent signal cascade for the suppression of bile acid biosynthesis. <i>Genes and Development</i> , 2003 , 17, 1581-91	12.6	516
2	A regulatory cascade of the nuclear receptors FXR, SHP-1, and LRH-1 represses bile acid biosynthesis. <i>Molecular Cell</i> , 2000 , 6, 517-26	17.6	1457

- 1 Convergence of 9-cis retinoic acid and peroxisome proliferator signalling pathways through heterodimer formation of their receptors. *Nature*, **1992**, 358, 771-4 50.4 1571