

Steven A Kliewer

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54
papers

13,812
citations

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h-index

56
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56
ext. papers

15,436
ext. citations

17.8
avg, IF

6.04
L-index

#	Paper	IF	Citations
54	Convergence of 9-cis retinoic acid and peroxisome proliferator signalling pathways through heterodimer formation of their receptors. <i>Nature</i> , 1992 , 358, 771-4	50.4	1571
53	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
52	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
51	Endocrine regulation of the fasting response by PPARalpha-mediated induction of fibroblast growth factor 21. <i>Cell Metabolism</i> , 2007 , 5, 415-25	24.6	1103
50	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
49	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
48	FGF21 induces PGC-1alpha 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
47	Research resource: Comprehensive expression atlas of the fibroblast growth factor system in adult mouse. <i>Molecular Endocrinology</i> , 2010 , 24, 2050-64		470
46	FGF19 as a postprandial, insulin-independent activator of hepatic protein and glycogen synthesis. <i>Science</i> , 2011 , 331, 1621-4	33.3	421
45	Fibroblast growth factor-21 regulates PPARalpha activity and the antidiabetic actions of thiazolidinediones. <i>Cell</i> , 2012 , 148, 556-67	56.2	419
44	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
43	Circulating FGF21 is liver derived and enhances glucose uptake during refeeding and overfeeding. <i>Diabetes</i> , 2014 , 63, 4057-63	0.9	349
42	FGF21 regulates metabolism and circadian behavior by acting on the nervous system. <i>Nature Medicine</i> , 2013 , 19, 1147-52	50.5	333
41	Endocrine fibroblast growth factors 15/19 and 21: from feast to famine. <i>Genes and Development</i> , 2012 , 26, 312-24	12.6	317
40	Inhibition of growth hormone signaling by the fasting-induced hormone FGF21. <i>Cell Metabolism</i> , 2008 , 8, 77-83	24.6	316
39	FGF21 acts centrally to induce sympathetic nerve activity, energy expenditure, and weight loss. <i>Cell Metabolism</i> , 2014 , 20, 670-7	24.6	305
38	Fibroblast growth factor 21 promotes bone loss by potentiating the effects of peroxisome proliferator-activated receptor alpha. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 3143-8	11.5	291

37	K lotho is required for fibroblast growth factor 21 effects on growth and metabolism. <i>Cell Metabolism</i> , 2012 , 16, 387-93	24.6	285
36	The starvation hormone, fibroblast growth factor-21, extends lifespan in mice. <i>ELife</i> , 2012 , 1, e00065	8.9	265
35	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
34	Identification of a hormonal basis for gallbladder filling. <i>Nature Medicine</i> , 2006 , 12, 1253-5	50.5	231
33	Bile Acids as Hormones: The FXR-FGF15/19 Pathway. <i>Digestive Diseases</i> , 2015 , 33, 327-31	3.2	219
32	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
31	FGF21 Regulates Sweet and Alcohol Preference. <i>Cell Metabolism</i> , 2016 , 23, 344-9	24.6	189
30	FGF21 contributes to neuroendocrine control of female reproduction. <i>Nature Medicine</i> , 2013 , 19, 1153-65	50.5	155
29	KLB is associated with alcohol drinking, and its gene product K lotho 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
28	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
27	Liver LXRE 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
26	FGF19, FGF21, and an FGFR1/ K lotho-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
25	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
24	A Dozen Years of Discovery: Insights into the Physiology and Pharmacology of FGF21. <i>Cell Metabolism</i> , 2019 , 29, 246-253	24.6	96
23	Nuclear receptors HNF4 β and LRH-1 cooperate in regulating Cyp7a1 in vivo. <i>Journal of Biological Chemistry</i> , 2012 , 287, 41334-41	5.4	91
22	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
21	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
20	FGF21 Is an Exocrine Pancreas Secretagogue. <i>Cell Metabolism</i> , 2017 , 25, 472-480	24.6	58

19	Glucocorticoids regulate the metabolic hormone FGF21 in a feed-forward loop. <i>Molecular Endocrinology</i> , 2015 , 29, 213-23		57
18	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
17	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
16	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
15	The nuclear receptor DAF-12 regulates nutrient metabolism and reproductive growth in nematodes. <i>PLoS Genetics</i> , 2015 , 11, e1005027	6	33
14	Methylprednisolone acetate induces, and β -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
13	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
12	Pancreatitis is an FGF21-deficient state that is corrected by replacement therapy. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	16
11	PPAREK107 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
10	Nuclear receptors: emerging drug targets for parasitic diseases. <i>Journal of Clinical Investigation</i> , 2017 , 127, 1165-1171	15.9	13
9	FGF21 promotes thermogenic gene expression as an autocrine factor in adipocytes. <i>Cell Reports</i> , 2021 , 35, 109331	10.6	12
8	Impaired 17,20-Lyase Activity in Male Mice Lacking Cytochrome b5 in Leydig Cells. <i>Molecular Endocrinology</i> , 2016 , 30, 469-78		11
7	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
6	SnapShot: Hormones of the gastrointestinal tract. <i>Cell</i> , 2014 , 159, 1478.e1	56.2	8
5	Pregnane X receptor: predicting and preventing drug interactions. <i>Thrombosis Research</i> , 2005 , 117, 133-6; discussion 145-51	8.2	6
4	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
3	Characterization of the endogenous DAF-12 ligand and its use as an anthelmintic agent in. <i>ELife</i> , 2021 , 10,	8.9	2
2	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

- 1 The *Schistosoma mansoni* nuclear receptor FTZ-F1 maintains esophageal gland function via transcriptional regulation of *meg-8.3*. *PLoS Pathogens*, **2021**, 17, e1010140 7.6 ○