

# Steven A Kliewer

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

16,613  
citations

76196

40  
h-index

155451

55  
g-index

56  
all docs

56  
docs citations

56  
times ranked

14298  
citing authors

#	ARTICLE	IF	CITATIONS
1	Convergence of 9-cis retinoic acid and peroxisome proliferator signalling pathways through heterodimer formation of their receptors. <i>Nature</i> , 1992, 358, 771-774.	13.7	1,678
2	A Regulatory Cascade of the Nuclear Receptors FXR, SHP-1, and LRH-1 Represses Bile Acid Biosynthesis. <i>Molecular Cell</i> , 2000, 6, 517-526.	4.5	1,646
3	Fibroblast growth factor 15 functions as an enterohepatic signal to regulate bile acid homeostasis. <i>Cell Metabolism</i> , 2005, 2, 217-225.	7.2	1,514
4	Endocrine Regulation of the Fasting Response by PPAR $\alpha$ -Mediated Induction of Fibroblast Growth Factor 21. <i>Cell Metabolism</i> , 2007, 5, 415-425.	7.2	1,306
5	Tissue-specific Expression of $\beta$ Klotho and Fibroblast Growth Factor (FGF) Receptor Isoforms Determines Metabolic Activity of FGF19 and FGF21. <i>Journal of Biological Chemistry</i> , 2007, 282, 26687-26695.	1.6	654
6	FGF21 induces PGC-1 $\alpha$ 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, 10853-10858.	3.3	605
7	Definition of a novel growth factor-dependent signal cascade for the suppression of bile acid biosynthesis. <i>Genes and Development</i> , 2003, 17, 1581-1591.	2.7	586
8	Research Resource: Comprehensive Expression Atlas of the Fibroblast Growth Factor System in Adult Mouse. <i>Molecular Endocrinology</i> , 2010, 24, 2050-2064.	3.7	579
9	FGF19 as a Postprandial, Insulin-Independent Activator of Hepatic Protein and Glycogen Synthesis. <i>Science</i> , 2011, 331, 1621-1624.	6.0	504
10	Fibroblast Growth Factor-21 Regulates PPAR $\delta$ Activity and the Antidiabetic Actions of Thiazolidinediones. <i>Cell</i> , 2012, 148, 556-567.	13.5	478
11	Circulating FGF21 Is Liver Derived and Enhances Glucose Uptake During Refeeding and Overfeeding. <i>Diabetes</i> , 2014, 63, 4057-4063.	0.3	467
12	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, 3417-3428.	1.1	457
13	FGF21 regulates metabolism and circadian behavior by acting on the nervous system. <i>Nature Medicine</i> , 2013, 19, 1147-1152.	15.2	430
14	FGF21 Acts Centrally to Induce Sympathetic Nerve Activity, Energy Expenditure, and Weight Loss. <i>Cell Metabolism</i> , 2014, 20, 670-677.	7.2	403
15	Endocrine fibroblast growth factors 15/19 and 21: from feast to famine. <i>Genes and Development</i> , 2012, 26, 312-324.	2.7	367
16	Inhibition of Growth Hormone Signaling by the Fasting-Induced Hormone FGF21. <i>Cell Metabolism</i> , 2008, 8, 77-83.	7.2	353
17	$\beta$ Klotho Is Required for Fibroblast Growth Factor 21 Effects on Growth and Metabolism. <i>Cell Metabolism</i> , 2012, 16, 387-393.	7.2	338
18	FGF15/19 Regulates Hepatic Glucose Metabolism by Inhibiting the CREB-PGC-1 $\alpha$ Pathway. <i>Cell Metabolism</i> , 2011, 13, 729-738.	7.2	331

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19	Fibroblast growth factor 21 promotes bone loss by potentiating the effects of peroxisome proliferator-activated receptor $\beta$ . Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3143-3148.	3.3	331
20	The starvation hormone, fibroblast growth factor-21, extends lifespan in mice. ELife, 2012, 1, e00065.	2.8	322
21	Bile Acids as Hormones: The FXR-FGF15/19 Pathway. Digestive Diseases, 2015, 33, 327-331.	0.8	299
22	FGF21 Regulates Sweet and Alcohol Preference. Cell Metabolism, 2016, 23, 344-349.	7.2	259
23	Identification of a hormonal basis for gallbladder filling. Nature Medicine, 2006, 12, 1253-1255.	15.2	257
24	Tissue-specific actions of the metabolic hormones FGF15/19 and FGF21. Trends in Endocrinology and Metabolism, 2015, 26, 22-29.	3.1	248
25	<i>KLB</i> is associated with alcohol drinking, and its gene product $\beta$ -Klotho is necessary for FGF21 regulation of alcohol preference. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14372-14377.	3.3	208
26	FGF21 contributes to neuroendocrine control of female reproduction. Nature Medicine, 2013, 19, 1153-1156.	15.2	193
27	FGF19, FGF21, and an FGFR1/ $\beta$ -Klotho-Activating Antibody Act on the Nervous System to Regulate Body Weight and Glycemia. Cell Metabolism, 2017, 26, 709-718.e3.	7.2	184
28	Regulation of Bile Acid Synthesis by Fat-soluble Vitamins A and D. Journal of Biological Chemistry, 2010, 285, 14486-14494.	1.6	180
29	A Dozen Years of Discovery: Insights into the Physiology and Pharmacology of FGF21. Cell Metabolism, 2019, 29, 246-253.	7.2	180
30	Liver LXR $\beta$ expression is crucial for whole body cholesterol homeostasis and reverse cholesterol transport in mice. Journal of Clinical Investigation, 2012, 122, 1688-1699.	3.9	166
31	Identification of the nuclear receptor DAF-12 as a therapeutic target in parasitic nematodes. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9138-9143.	3.3	117
32	Nuclear Receptors HNF4 $\alpha$ and LRH-1 Cooperate in Regulating Cyp7a1 in Vivo. Journal of Biological Chemistry, 2012, 287, 41334-41341.	1.6	112
33	FGF21 Is an Exocrine Pancreas Secretagogue. Cell Metabolism, 2017, 25, 472-480.	7.2	92
34	LRH-1 and PTF1-L coregulate an exocrine pancreas-specific transcriptional network for digestive function. Genes and Development, 2011, 25, 1674-1679.	2.7	91
35	Prolongevity hormone FGF21 protects against immune senescence by delaying age-related thymic involution. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1026-1031.	3.3	91
36	Glucocorticoids Regulate the Metabolic Hormone FGF21 in a Feed-Forward Loop. Molecular Endocrinology, 2015, 29, 213-223.	3.7	78

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37	The Hormone FGF21 Stimulates Water Drinking in Response to Ketogenic Diet and Alcohol. <i>Cell Metabolism</i> , 2018, 27, 1338-1347.e4.	7.2	72
38	FGF21 promotes thermogenic gene expression as an autocrine factor in adipocytes. <i>Cell Reports</i> , 2021, 35, 109331.	2.9	55
39	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.	2.1	53
40	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.	7.2	51
41	Methylprednisolone acetate induces, and $\hat{I}^7$ -dafachronic acid suppresses, <i>Strongyloides stercoralis</i> hyperinfection in NSG mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 204-209.	3.3	47
42	The Nuclear Receptor DAF-12 Regulates Nutrient Metabolism and Reproductive Growth in Nematodes. <i>PLoS Genetics</i> , 2015, 11, e1005027.	1.5	41
43	Pancreatitis is an FGF21-deficient state that is corrected by replacement therapy. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	29
44	PPAR $\hat{I}^3$ -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.	3.3	27
45	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, 2675-2676.	3.3	20
46	Nuclear receptors: emerging drug targets for parasitic diseases. <i>Journal of Clinical Investigation</i> , 2017, 127, 1165-1171.	3.9	20
47	SnapShot: Hormones of the Gastrointestinal Tract. <i>Cell</i> , 2014, 159, 1478-1478.e1.	13.5	15
48	Identification of a nuclear receptor/coactivator developmental signaling pathway in the nematode parasite <i>Strongyloides stercoralis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	15
49	The orphan nuclear receptor SHP regulates ER stress response by inhibiting XBP1s degradation. <i>Genes and Development</i> , 2019, 33, 1083-1094.	2.7	14
50	Impaired 17,20-Lyase Activity in Male Mice Lacking Cytochrome b5 in Leydig Cells. <i>Molecular Endocrinology</i> , 2016, 30, 469-478.	3.7	13
51	Characterization of the endogenous DAF-12 ligand and its use as an anthelmintic agent in <i>Strongyloides stercoralis</i> . <i>ELife</i> , 2021, 10, .	2.8	11
52	Dafachronic acid and temperature regulate canonical dauer pathways during <i>Nippostrongylus brasiliensis</i> infectious larvae activation. <i>Parasites and Vectors</i> , 2020, 13, 162.	1.0	10
53	Pregnane X receptor: Predicting and preventing drug interactions. <i>Thrombosis Research</i> , 2005, 117, 133-136.	0.8	6
54	The <i>Schistosoma mansoni</i> nuclear receptor FTZ-F1 maintains esophageal gland function via transcriptional regulation of $\hat{A}$ meg-8.3. <i>PLoS Pathogens</i> , 2021, 17, e1010140.	2.1	6

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55	The "nuclear option" revisited: Confirmation of Ss-daf-12 function and therapeutic potential in <i>Strongyloides stercoralis</i> and other parasitic nematode infections. <i>Molecular and Biochemical Parasitology</i> , 2022, 250, 111490.	0.5	4