

# Walter Wahli

## List of Publications by Citations

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291  
papers

33,434  
citations

90  
h-index

179  
g-index

304  
ext. papers

35,963  
ext. citations

9.5  
avg, IF

7.01  
L-index

#	Paper	IF	Citations
291	Peroxisome proliferator-activated receptors: nuclear control of metabolism. <i>Endocrine Reviews</i> , <b>1999</b> , 20, 649-88	27.2	2239
290	Roles of PPARs in health and disease. <i>Nature</i> , <b>2000</b> , 405, 421-4	50.4	1589
289	Peroxisome proliferator-activated receptor alpha mediates the adaptive response to fasting. <i>Journal of Clinical Investigation</i> , <b>1999</b> , 103, 1489-98	15.9	1256
288	The PPARalpha-leukotriene B4 pathway to inflammation control. <i>Nature</i> , <b>1996</b> , 384, 39-43	50.4	1219
287	Control of the peroxisomal beta-oxidation pathway by a novel family of nuclear hormone receptors. <i>Cell</i> , <b>1992</b> , 68, 879-87	56.2	1188
286	Fatty acids, eicosanoids, and hypolipidemic agents identified as ligands of peroxisome proliferator-activated receptors by coactivator-dependent receptor ligand assay. <i>Molecular Endocrinology</i> , <b>1997</b> , 11, 779-91		988
285	International Union of Pharmacology. LXI. Peroxisome proliferator-activated receptors. <i>Pharmacological Reviews</i> , <b>2006</b> , 58, 726-41	22.5	749
284	Transcriptional regulation of metabolism. <i>Physiological Reviews</i> , <b>2006</b> , 86, 465-514	47.9	632
283	Peroxisome proliferator-activated receptors: a nuclear receptor signaling pathway in lipid physiology. <i>Annual Review of Cell and Developmental Biology</i> , <b>1996</b> , 12, 335-63	12.6	601
282	From molecular action to physiological outputs: peroxisome proliferator-activated receptors are nuclear receptors at the crossroads of key cellular functions. <i>Progress in Lipid Research</i> , <b>2006</b> , 45, 120-59	14.3	564
281	Antiapoptotic role of PPARbeta in keratinocytes via transcriptional control of the Akt1 signaling pathway. <i>Molecular Cell</i> , <b>2002</b> , 10, 721-33	17.6	542
280	Peroxisome-proliferator-activated receptors and cancers: complex stories. <i>Nature Reviews Cancer</i> , <b>2004</b> , 4, 61-70	31.3	484
279	PPARs at the crossroads of lipid signaling and inflammation. <i>Trends in Endocrinology and Metabolism</i> , <b>2012</b> , 23, 351-63	8.8	445
278	Characterization of the fasting-induced adipose factor FIAF, a novel peroxisome proliferator-activated receptor target gene. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 28488-93	5.4	404
277	Selective cooperation between fatty acid binding proteins and peroxisome proliferator-activated receptors in regulating transcription. <i>Molecular and Cellular Biology</i> , <b>2002</b> , 22, 5114-27	4.8	400
276	Rat PPARs: quantitative analysis in adult rat tissues and regulation in fasting and refeeding. <i>Endocrinology</i> , <b>2001</b> , 142, 4195-202	4.8	399
275	Differential expression of peroxisome proliferator-activated receptor-alpha, -beta, and -gamma during rat embryonic development. <i>Endocrinology</i> , <b>1998</b> , 139, 2748-54	4.8	389

274	Attenuation of colon inflammation through activators of the retinoid X receptor (RXR)/peroxisome proliferator-activated receptor gamma (PPARgamma) heterodimer. A basis for new therapeutic strategies. <i>Journal of Experimental Medicine</i> , <b>2001</b> , 193, 827-38	16.6	371
273	Intestinal antiinflammatory effect of 5-aminosalicylic acid is dependent on peroxisome proliferator-activated receptor-gamma. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 201, 1205-15	16.6	361
272	Peroxisome proliferator-activated receptors: insight into multiple cellular functions. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2000</b> , 448, 121-38	3.3	357
271	Cyclooxygenase-2 controls energy homeostasis in mice by de novo recruitment of brown adipocytes. <i>Science</i> , <b>2010</b> , 328, 1158-61	33.3	355
270	Impaired skin wound healing in peroxisome proliferator-activated receptor (PPAR)alpha and PPARbeta mutant mice. <i>Journal of Cell Biology</i> , <b>2001</b> , 154, 799-814	7.3	354
269	Nuclear hormone receptor coregulators in action: diversity for shared tasks. <i>Molecular Endocrinology</i> , <b>2000</b> , 14, 329-47		330
268	Critical roles of PPAR beta/delta in keratinocyte response to inflammation. <i>Genes and Development</i> , <b>2001</b> , 15, 3263-77	12.6	328
267	Liver PPARs crucial for whole-body fatty acid homeostasis and is protective against NAFLD. <i>Gut</i> , <b>2016</b> , 65, 1202-14	19.2	327
266	Peroxisome proliferator-activated receptor gamma is required in mature white and brown adipocytes for their survival in the mouse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 4543-7	11.5	303
265	Induction of the acyl-coenzyme A synthetase gene by fibrates and fatty acids is mediated by a peroxisome proliferator response element in the C promoter. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 19269-76	5.4	303
264	The fasting-induced adipose factor/angiopoietin-like protein 4 is physically associated with lipoproteins and governs plasma lipid levels and adiposity. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 934-44	5.4	301
263	DNA binding properties of peroxisome proliferator-activated receptor subtypes on various natural peroxisome proliferator response elements. Importance of the 5Rflanking region. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 25252-9	5.4	300
262	PGC1alpha expression is controlled in skeletal muscles by PPARbeta, whose ablation results in fiber-type switching, obesity, and type 2 diabetes. <i>Cell Metabolism</i> , <b>2006</b> , 4, 407-14	24.6	282
261	Superfamily of steroid nuclear receptors: positive and negative regulators of gene expression. <i>FASEB Journal</i> , <b>1991</b> , 5, 2243-9	0.9	271
260	Expression of the peroxisome proliferator-activated receptor alpha gene is stimulated by stress and follows a diurnal rhythm. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 1764-9	5.4	264
259	Reciprocal regulation of brain and muscle Arnt-like protein 1 and peroxisome proliferator-activated receptor alpha defines a novel positive feedback loop in the rodent liver circadian clock. <i>Molecular Endocrinology</i> , <b>2006</b> , 20, 1715-27		259
258	The endocrine disruptor monoethyl-hexyl-phthalate is a selective peroxisome proliferator-activated receptor gamma modulator that promotes adipogenesis. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 19152-66	5.4	249
257	Polarity and specific sequence requirements of peroxisome proliferator-activated receptor (PPAR)/retinoid X receptor heterodimer binding to DNA. A functional analysis of the malic enzyme gene PPAR response element. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 20108-17	5.4	243

256	Sequence homologies in the region preceding the transcription initiation site of the liver estrogen-responsive vitellogenin and apo-VLDLII genes. <i>Nucleic Acids Research</i> , <b>1984</b> , 12, 8611-26	20.1	237
255	Nutrigenomics and nutrigenetics: the emerging faces of nutrition. <i>FASEB Journal</i> , <b>2005</b> , 19, 1602-16	0.9	236
254	Vitellogenin in <i>Xenopus laevis</i> is encoded in a small family of genes. <i>Cell</i> , <b>1979</b> , 16, 535-49	56.2	221
253	Evolution and expression of vitellogenin genes. <i>Trends in Genetics</i> , <b>1988</b> , 4, 227-32	8.5	213
252	The direct peroxisome proliferator-activated receptor target fasting-induced adipose factor (FIAF/PGAR/ANGPTL4) is present in blood plasma as a truncated protein that is increased by fenofibrate treatment. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 34411-20	5.4	207
251	Positive regulation of the peroxisomal beta-oxidation pathway by fatty acids through activation of peroxisome proliferator-activated receptors (PPAR). <i>Biology of the Cell</i> , <b>1993</b> , 77, 67-76	3.5	207
250	Be fit or be sick: peroxisome proliferator-activated receptors are down the road. <i>Molecular Endocrinology</i> , <b>2004</b> , 18, 1321-32		185
249	PPAR $\beta$ governs glycerol metabolism. <i>Journal of Clinical Investigation</i> , <b>2004</b> , 114, 94-103	15.9	184
248	A new selective peroxisome proliferator-activated receptor gamma antagonist with antiobesity and antidiabetic activity. <i>Molecular Endocrinology</i> , <b>2002</b> , 16, 2628-44		182
247	Activation of peroxisome proliferator-activated receptors (PPARs) by their ligands and protein kinase A activators. <i>Molecular Endocrinology</i> , <b>2000</b> , 14, 1962-75		180
246	The peroxisome proliferator-activated receptor alpha regulates amino acid metabolism. <i>FASEB Journal</i> , <b>2001</b> , 15, 1971-8	0.9	177
245	The European dimension for the mouse genome mutagenesis program. <i>Nature Genetics</i> , <b>2004</b> , 36, 925-7	36.3	176
244	The G0/G1 switch gene 2 is a novel PPAR target gene. <i>Biochemical Journal</i> , <b>2005</b> , 392, 313-24	3.8	176
243	Dosage-dependent effects of Akt1/protein kinase Balpha (PKBalpha) and Akt3/PKBgamma on thymus, skin, and cardiovascular and nervous system development in mice. <i>Molecular and Cellular Biology</i> , <b>2005</b> , 25, 10407-18	4.8	175
242	Do peroxisome proliferating compounds pose a hepatocarcinogenic hazard to humans?. <i>Regulatory Toxicology and Pharmacology</i> , <b>1998</b> , 27, 47-60	3.4	172
241	Peroxisome proliferator-activated receptor agonists. <i>Current Opinion in Chemical Biology</i> , <b>1997</b> , 1, 235-41	4.7	169
240	Peroxisome proliferator-activated receptors: three isotypes for a multitude of functions. <i>Current Opinion in Biotechnology</i> , <b>1999</b> , 10, 564-70	11.4	168
239	Identification of estrogen-responsive DNA sequences by transient expression experiments in a human breast cancer cell line. <i>Nucleic Acids Research</i> , <b>1986</b> , 14, 8755-70	20.1	168

238	PixFRET, an ImageJ plug-in for FRET calculation that can accommodate variations in spectral bleed-throughs. <i>Microscopy Research and Technique</i> , <b>2005</b> , 68, 51-8	2.8	166
237	Mechanisms of the anti-obesity effects of oxytocin in diet-induced obese rats. <i>PLoS ONE</i> , <b>2011</b> , 6, e25565.7	5.7	166
236	Differentiation of trophoblast giant cells and their metabolic functions are dependent on peroxisome proliferator-activated receptor beta/delta. <i>Molecular and Cellular Biology</i> , <b>2006</b> , 26, 3266-81	4.8	165
235	Involvement of PPAR nuclear receptors in tissue injury and wound repair. <i>Journal of Clinical Investigation</i> , <b>2006</b> , 116, 598-606	15.9	161
234	In vivo activation of PPAR target genes by RXR homodimers. <i>EMBO Journal</i> , <b>2004</b> , 23, 2083-91	13	159
233	Crosstalk between peroxisome proliferator-activated receptor delta and VEGF stimulates cancer progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 19069-74	11.5	158
232	PPARs in diseases: control mechanisms of inflammation. <i>Current Medicinal Chemistry</i> , <b>2005</b> , 12, 2995-3009	14.3	152
231	Peroxisome-proliferator-activated receptor (PPAR)-gamma activation stimulates keratinocyte differentiation. <i>Journal of Investigative Dermatology</i> , <b>2004</b> , 123, 305-12	4.3	150
230	Peroxisome proliferator-activated receptors: finding the orphan a home. <i>Molecular and Cellular Endocrinology</i> , <b>1994</b> , 100, 149-53	4.4	144
229	Peroxisome proliferator-activated receptor beta/delta activation inhibits hypertrophy in neonatal rat cardiomyocytes. <i>Cardiovascular Research</i> , <b>2005</b> , 65, 832-41	9.9	141
228	PPAR tissue distribution and interactions with other hormone-signaling pathways. <i>Annals of the New York Academy of Sciences</i> , <b>1996</b> , 804, 231-51	6.5	141
227	Peroxisome proliferator-activated receptors (PPARs) in skin health, repair and disease. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2007</b> , 1771, 991-8	5	133
226	Rat PPARs: Quantitative Analysis in Adult Rat Tissues and Regulation in Fasting and Refeeding		132
225	High-fat diet modifies the PPAR- $\gamma$ pathway leading to disruption of microbial and physiological ecosystem in murine small intestine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E5934-E5943	11.5	124
224	The gut microbiota influences skeletal muscle mass and function in mice. <i>Science Translational Medicine</i> , <b>2019</b> , 11,	17.5	124
223	Differential involvement of peroxisome-proliferator-activated receptors $\alpha$ and $\gamma$ in fibrate and fatty-acid-mediated inductions of the gene encoding liver fatty-acid-binding protein in the liver and the small intestine. <i>Biochemical Journal</i> , <b>2001</b> , 355, 481-488	3.8	123
222	Peroxisome proliferator-activated receptor mediates cross-talk with thyroid hormone receptor by competition for retinoid X receptor. Possible role of a leucine zipper-like heptad repeat. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 18117-22	5.4	123
221	Precursor-product relationship between vitellogenin and the yolk proteins as derived from the complete sequence of a <i>Xenopus</i> vitellogenin gene. <i>Nucleic Acids Research</i> , <b>1987</b> , 15, 4737-60	20.1	122

220	Peroxisome proliferator-activated receptors mediate host cell proinflammatory responses to <i>Pseudomonas aeruginosa</i> autoinducer. <i>Journal of Bacteriology</i> , <b>2008</b> , 190, 4408-15	3.5	112
219	Multiple expression control mechanisms of peroxisome proliferator-activated receptors and their target genes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2005</b> , 93, 99-105	5.1	110
218	Peroxisome proliferator-activated receptor-beta signaling contributes to enhanced proliferation of hepatic stellate cells. <i>Gastroenterology</i> , <b>2003</b> , 124, 184-201	13.3	110
217	PPAR expression and function during vertebrate development. <i>International Journal of Developmental Biology</i> , <b>2002</b> , 46, 105-14	1.9	110
216	Fat poetry: a kingdom for PPAR gamma. <i>Cell Research</i> , <b>2007</b> , 17, 486-511	24.7	109
215	Expression and localization of PPARs in the rat ovary during follicular development and the periovulatory period. <i>Endocrinology</i> , <b>2001</b> , 142, 4831-8	4.8	107
214	Comparative analysis of the structural organization of two closely related vitellogenin genes in <i>X. laevis</i> . <i>Cell</i> , <b>1980</b> , 20, 107-17	56.2	106
213	Sex difference in hepatic peroxisome proliferator-activated receptor alpha expression: influence of pituitary and gonadal hormones. <i>Endocrinology</i> , <b>2003</b> , 144, 101-9	4.8	104
212	Peroxisome proliferator-activated receptor beta regulates acyl-CoA synthetase 2 in reaggregated rat brain cell cultures. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 35881-8	5.4	102
211	Smad3 deficiency in mice protects against insulin resistance and obesity induced by a high-fat diet. <i>Diabetes</i> , <b>2011</b> , 60, 464-76	0.9	101
210	Quantitation of vitellogenin messenger RNA in the liver of male <i>Xenopus</i> toads during primary and secondary stimulation by estrogen. <i>Cell</i> , <b>1977</b> , 11, 213-21	56.2	101
209	Loss of egg yolk genes in mammals and the origin of lactation and placentation. <i>PLoS Biology</i> , <b>2008</b> , 6, e63	9.7	97
208	PPARbeta/delta regulates paneth cell differentiation via controlling the hedgehog signaling pathway. <i>Gastroenterology</i> , <b>2006</b> , 131, 538-53	13.3	96
207	Peroxisome proliferator-activated receptor beta/delta exerts a strong protection from ischemic acute renal failure. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2005</b> , 16, 2395-402	12.7	94
206	Activation of peroxisome proliferator-activated receptor beta/delta inhibits lipopolysaccharide-induced cytokine production in adipocytes by lowering nuclear factor-kappaB activity via extracellular signal-related kinase 1/2. <i>Diabetes</i> , <b>2008</b> , 57, 2149-57	0.9	93
205	PPARalpha governs glycerol metabolism. <i>Journal of Clinical Investigation</i> , <b>2004</b> , 114, 94-103	15.9	93
204	Fluorescence imaging reveals the nuclear behavior of peroxisome proliferator-activated receptor/retinoid X receptor heterodimers in the absence and presence of ligand. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 17880-90	5.4	92
203	Differential involvement of peroxisome-proliferator-activated receptors alpha and delta in fibrate and fatty-acid-mediated inductions of the gene encoding liver fatty-acid-binding protein in the liver and the small intestine. <i>Biochemical Journal</i> , <b>2001</b> , 355, 481-8	3.8	91

202	Dual PPAR $\gamma$ agonist saroglitazar improves liver histopathology and biochemistry in experimental NASH models. <i>Liver International</i> , <b>2018</b> , 38, 1084-1094	7.9	90
201	Differential regulation of vascular endothelial growth factor expression by peroxisome proliferator-activated receptors in bladder cancer cells. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 23534-43	5.4	88
200	Sumoylated PPARalpha mediates sex-specific gene repression and protects the liver from estrogen-induced toxicity in mice. <i>Journal of Clinical Investigation</i> , <b>2009</b> , 119, 3138-48	15.9	88
199	PPARs as drug targets to modulate inflammatory responses?. <i>Inflammation and Allergy: Drug Targets</i> , <b>2004</b> , 3, 361-75		87
198	Regulation of epithelial-mesenchymal IL-1 signaling by PPARbeta/delta is essential for skin homeostasis and wound healing. <i>Journal of Cell Biology</i> , <b>2009</b> , 184, 817-31	7.3	85
197	Retinoid X receptor and peroxisome proliferator-activated receptor activate an estrogen responsive gene independent of the estrogen receptor. <i>Molecular and Cellular Endocrinology</i> , <b>1997</b> , 127, 27-40	4.4	83
196	Pancreatic islet adaptation to fasting is dependent on peroxisome proliferator-activated receptor alpha transcriptional up-regulation of fatty acid oxidation. <i>Endocrinology</i> , <b>2005</b> , 146, 375-82	4.8	81
195	PPAR alpha structure-function relationships derived from species-specific differences in responsiveness to hypolipidemic agents. <i>Biological Chemistry</i> , <b>1997</b> , 378, 651-5	4.5	80
194	Peroxisome proliferator-activated receptors and lipid metabolism. <i>Annals of the New York Academy of Sciences</i> , <b>1993</b> , 684, 157-73	6.5	76
193	Role of prostacyclin versus peroxisome proliferator-activated receptor beta receptors in prostacyclin sensing by lung fibroblasts. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2006</b> , 34, 242-6	5.7	75
192	The peroxisome proliferator-activated receptors at the cross-road of diet and hormonal signalling. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>1998</b> , 65, 65-74	5.1	73
191	IL-13 induces expression of CD36 in human monocytes through PPARgamma activation. <i>European Journal of Immunology</i> , <b>2007</b> , 37, 1642-52	6.1	73
190	Peroxisome proliferator-activated receptors A link between endocrinology and nutrition?. <i>Trends in Endocrinology and Metabolism</i> , <b>1993</b> , 4, 291-6	8.8	73
189	Hepatic circadian clock oscillators and nuclear receptors integrate microbiome-derived signals. <i>Scientific Reports</i> , <b>2016</b> , 6, 20127	4.9	72
188	PPARs Mediate Lipid Signaling in Inflammation and Cancer. <i>PPAR Research</i> , <b>2008</b> , 2008, 134059	4.3	72
187	PPAR $\gamma$ prevents endoplasmic reticulum stress-associated inflammation and insulin resistance in skeletal muscle cells through an AMPK-dependent mechanism. <i>Diabetologia</i> , <b>2014</b> , 57, 2126-35	10.3	71
186	Malignant transformation of DMBA/TPA-induced papillomas and nevi in the skin of mice selectively lacking retinoid-X-receptor alpha in epidermal keratinocytes. <i>Journal of Investigative Dermatology</i> , <b>2007</b> , 127, 1250-60	4.3	71
185	Role of the circadian clock gene Per2 in adaptation to cold temperature. <i>Molecular Metabolism</i> , <b>2013</b> , 2, 184-93	8.8	70

184	Smad3 signaling is required for satellite cell function and myogenic differentiation of myoblasts. <i>Cell Research</i> , <b>2011</b> , 21, 1591-604	24.7	70
183	Peroxisome proliferator-activated receptors (PPARs): from metabolic control to epidermal wound healing. <i>Swiss Medical Weekly</i> , <b>2002</b> , 132, 83-91	3.1	70
182	Essential role of Smad3 in the inhibition of inflammation-induced PPARbeta/delta expression. <i>EMBO Journal</i> , <b>2004</b> , 23, 4211-21	13	69
181	Complementary DNA cloning of complement C8 beta and its sequence homology to C9. <i>Biochemistry</i> , <b>1987</b> , 26, 3551-6	3.2	69
180	Peroxisome proliferator-activated receptor-alpha-null mice have increased white adipose tissue glucose utilization, GLUT4, and fat mass: Role in liver and brain. <i>Endocrinology</i> , <b>2006</b> , 147, 4067-78	4.8	68
179	Vertebrate and nematode genes coding for yolk proteins are derived from a common ancestor. <i>Biochemistry</i> , <b>1987</b> , 26, 6397-402	3.2	67
178	A Specific ChREBP and PPAR $\alpha$ Cross-Talk Is Required for the Glucose-Mediated FGF21 Response. <i>Cell Reports</i> , <b>2017</b> , 21, 403-416	10.6	66
177	The selective peroxisome proliferator-activated receptor alpha modulator (SPPARM) paradigm: conceptual framework and therapeutic potential : A consensus statement from the International Atherosclerosis Society (IAS) and the Residual Risk Reduction Initiative (R3i) Foundation. <i>Cardiovascular Diabetology</i> , <b>2013</b> , 12, 71	8.7	64
176	The nuclear hormone receptor PPAR $\alpha$ counteracts vascular calcification by inhibiting Wnt5a signalling in vascular smooth muscle cells. <i>Nature Communications</i> , <b>2012</b> , 3, 1077	17.4	63
175	The anti-apoptotic role of PPARbeta contributes to efficient skin wound healing. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2003</b> , 85, 257-65	5.1	63
174	Activation of the mouse TATA-less and human TATA-containing UDP-glucuronosyltransferase 1A1 promoters by hepatocyte nuclear factor 1. <i>Molecular Pharmacology</i> , <b>1999</b> , 56, 526-36	4.3	61
173	Application of recombinant DNA technology to questions of developmental biology: a review. <i>Developmental Biology</i> , <b>1979</b> , 69, 305-28	3.1	61
172	Size, complexity and abundance of a specific poly(A)-containing RNA of liver from male <i>Xenopus</i> induced to vitellogenin synthesis by estrogen. <i>FEBS Journal</i> , <b>1976</b> , 66, 457-65		61
171	Peroxisome Proliferator Activated Receptor Gamma Controls Mature Brown Adipocyte Inducibility through Glycerol Kinase. <i>Cell Reports</i> , <b>2018</b> , 22, 760-773	10.6	60
170	Proline- and acidic amino acid-rich basic leucine zipper proteins modulate peroxisome proliferator-activated receptor alpha (PPARalpha) activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 4794-9	11.5	60
169	Atherosclerotic mice exhibit systemic inflammation in periadventitial and visceral adipose tissue, liver, and pancreatic islets. <i>Atherosclerosis</i> , <b>2009</b> , 207, 360-7	3.1	60
168	A growth hormone-releasing peptide that binds scavenger receptor CD36 and ghrelin receptor up-regulates sterol transporters and cholesterol efflux in macrophages through a peroxisome proliferator-activated receptor gamma-dependent pathway. <i>Molecular Endocrinology</i> , <b>2006</b> , 20, 3165-78		60
167	Activation of peroxisome proliferator-activated receptor- $\beta$ (PPAR- $\beta$ ) ameliorates insulin signaling and reduces SOCS3 levels by inhibiting STAT3 in interleukin-6-stimulated adipocytes. <i>Diabetes</i> , <b>2011</b> , 60, 1990-9	0.9	59



166	Cloning and characterization of synthetic sequences from the <i>Xenopus laevis</i> vitellogenin structural gene. <i>Developmental Biology</i> , <b>1978</b> , 67, 371-83	3.1	59
165	PPAR $\gamma$ activation blocks lipid-induced inflammatory pathways in mouse heart and human cardiac cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2011</b> , 1811, 59-67	5	58
164	Functional interactions between the estrogen receptor and the transcription activator Sp1 regulate the estrogen-dependent transcriptional activity of the vitellogenin A1 promoter. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 18250-60	5.4	58
163	Kinase signaling cascades that modulate peroxisome proliferator-activated receptors. <i>Current Opinion in Cell Biology</i> , <b>2005</b> , 17, 216-22	9	57
162	Peroxisome proliferator activated receptor agonists. <i>Exs</i> , <b>2000</b> , 89, 141-51		57
161	Epithelium-mesenchyme interactions control the activity of peroxisome proliferator-activated receptor beta/delta during hair follicle development. <i>Molecular and Cellular Biology</i> , <b>2005</b> , 25, 1696-712	4.8	55
160	PPAR $\gamma$ attenuates palmitate-induced endoplasmic reticulum stress and induces autophagic markers in human cardiac cells. <i>International Journal of Cardiology</i> , <b>2014</b> , 174, 110-8	3.2	53
159	The nuclear hormone receptor peroxisome proliferator-activated receptor beta/delta potentiates cell chemotaxis, polarization, and migration. <i>Molecular and Cellular Biology</i> , <b>2007</b> , 27, 7161-75	4.8	53
158	GW501516-activated PPAR $\delta$ promotes liver fibrosis via p38-JNK MAPK-induced hepatic stellate cell proliferation. <i>Cell and Bioscience</i> , <b>2012</b> , 2, 34	9.8	52
157	The Interleukin-1 receptor antagonist is a direct target gene of PPARalpha in liver. <i>Journal of Hepatology</i> , <b>2007</b> , 46, 869-77	13.4	52
156	PPARbeta regulates vitamin A metabolism-related gene expression in hepatic stellate cells undergoing activation. <i>Journal of Lipid Research</i> , <b>2003</b> , 44, 280-95	6.3	52
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