

Liliane Michalik

List of Publications by Year in descending order

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78
papers

9,788
citations

50244

46
h-index

79644

73
g-index

81
all docs

81
docs citations

81
times ranked

13273
citing authors

#	ARTICLE	IF	CITATIONS
1	International Union of Pharmacology. LXI. Peroxisome Proliferator-Activated Receptors. <i>Pharmacological Reviews</i> , 2006, 58, 726-741.	7.1	869
2	Transcriptional Regulation of Metabolism. <i>Physiological Reviews</i> , 2006, 86, 465-514.	13.1	749
3	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> , 2006, 45, 120-159.	5.3	656
4	Antiapoptotic Role of PPAR δ in Keratinocytes via Transcriptional Control of the Akt1 Signaling Pathway. <i>Molecular Cell</i> , 2002, 10, 721-733.	4.5	635
5	Peroxisome-proliferator-activated receptors and cancers: complex stories. <i>Nature Reviews Cancer</i> , 2004, 4, 61-70.	12.8	552
6	PPARs at the crossroads of lipid signaling and inflammation. <i>Trends in Endocrinology and Metabolism</i> , 2012, 23, 351-363.	3.1	537
7	Rat PPARs: Quantitative Analysis in Adult Rat Tissues and Regulation in Fasting and Refeeding. <i>Endocrinology</i> , 2001, 142, 4195-4202.	1.4	433
8	Impaired skin wound healing in peroxisome proliferator-activated receptor (PPAR) α and PPAR δ mutant mice. <i>Journal of Cell Biology</i> , 2001, 154, 799-814.	2.3	388
9	Critical roles of PPARbeta /delta in keratinocyte response to inflammation. <i>Genes and Development</i> , 2001, 15, 3263-3277.	2.7	373
10	Reciprocal Regulation of Brain and Muscle Arnt-Like Protein 1 and Peroxisome Proliferator-Activated Receptor α Defines a Novel Positive Feedback Loop in the Rodent Liver Circadian Clock. <i>Molecular Endocrinology</i> , 2006, 20, 1715-1727.	3.7	317
11	A New Selective Peroxisome Proliferator-Activated Receptor δ Antagonist with Antiobesity and Antidiabetic Activity. <i>Molecular Endocrinology</i> , 2002, 16, 2628-2644.	3.7	201
12	Be Fit or Be Sick: Peroxisome Proliferator-Activated Receptors Are Down the Road. <i>Molecular Endocrinology</i> , 2004, 18, 1321-1332.	3.7	196
13	Involvement of PPAR nuclear receptors in tissue injury and wound repair. <i>Journal of Clinical Investigation</i> , 2006, 116, 598-606.	3.9	192
14	Peroxisome proliferator-activated receptors: three isotypes for a multitude of functions. <i>Current Opinion in Biotechnology</i> , 1999, 10, 564-570.	3.3	184
15	Peroxisome-Proliferator-Activated Receptor (PPAR) δ Activation Stimulates Keratinocyte Differentiation. <i>Journal of Investigative Dermatology</i> , 2004, 123, 305-312.	0.3	175
16	PPARs in Diseases: Control Mechanisms of Inflammation. <i>Current Medicinal Chemistry</i> , 2005, 12, 2995-3009.	1.2	168
17	Peroxisome proliferator-activated receptor δ activation inhibits hypertrophy in neonatal rat cardiomyocytes. <i>Cardiovascular Research</i> , 2005, 65, 832-841.	1.8	154
18	Peroxisome proliferator-activated receptors (PPARs) in skin health, repair and disease. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2007, 1771, 991-998.	1.2	153

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19	Rat PPARs: Quantitative Analysis in Adult Rat Tissues and Regulation in Fasting and Refeeding. <i>Endocrinology</i> , 2001, 142, 4195-4202.	1.4	135
20	Targeting Vascular NADPH Oxidase 1 Blocks Tumor Angiogenesis through a PPAR α Mediated Mechanism. <i>PLoS ONE</i> , 2011, 6, e14665.	1.1	128
21	Peroxisome proliferator-activated receptor- β signaling contributes to enhanced proliferation of hepatic stellate cells. <i>Gastroenterology</i> , 2003, 124, 184-201.	0.6	120
22	Multiple expression control mechanisms of peroxisome proliferator-activated receptors and their target genes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005, 93, 99-105.	1.2	119
23	PPAR expression and function during vertebrate development. <i>International Journal of Developmental Biology</i> , 2002, 46, 105-14.	0.3	117
24	Sex Difference in Hepatic Peroxisome Proliferator-Activated Receptor α Expression: Influence of Pituitary and Gonadal Hormones. <i>Endocrinology</i> , 2003, 144, 101-109.	1.4	113
25	Activation of Peroxisome Proliferator-Activated Receptor β/δ Inhibits Lipopolysaccharide-Induced Cytokine Production in Adipocytes by Lowering Nuclear Factor- κ B Activity via Extracellular Signal-Related Kinase 1/2. <i>Diabetes</i> , 2008, 57, 2149-2157.	0.3	108
26	PPARs as Drug Targets to Modulate Inflammatory Responses?. <i>Inflammation and Allergy: Drug Targets</i> , 2004, 3, 361-375.	3.1	102
27	Regulation of epithelial-mesenchymal IL-1 signaling by PPAR β/δ is essential for skin homeostasis and wound healing. <i>Journal of Cell Biology</i> , 2009, 184, 817-831.	2.3	97
28	PPARs Mediate Lipid Signaling in Inflammation and Cancer. <i>PPAR Research</i> , 2008, 2008, 1-15.	1.1	91
29	Pancreatic Islet Adaptation to Fasting Is Dependent on Peroxisome Proliferator-Activated Receptor α Transcriptional Up-Regulation of Fatty Acid Oxidation. <i>Endocrinology</i> , 2005, 146, 375-382.	1.4	89
30	PPAR β/δ prevents endoplasmic reticulum stress-associated inflammation and insulin resistance in skeletal muscle cells through an AMPK-dependent mechanism. <i>Diabetologia</i> , 2014, 57, 2126-2135.	2.9	83
31	Essential role of Smad3 in the inhibition of inflammation-induced PPAR β/δ expression. <i>EMBO Journal</i> , 2004, 23, 4211-4221.	3.5	75
32	The anti-apoptotic role of PPAR β contributes to efficient skin wound healing. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2003, 85, 257-265.	1.2	66
33	PPAR β/δ 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> , 2011, 1811, 59-67.	1.2	66
34	Activation of Peroxisome Proliferator-Activated Receptor- β/δ (PPAR- β/δ) Ameliorates Insulin Signaling and Reduces SOCS3 Levels by Inhibiting STAT3 in Interleukin-6-Stimulated Adipocytes. <i>Diabetes</i> , 2011, 60, 1990-1999.	0.3	64
35	Delayed Hair Follicle Morphogenesis and Hair Follicle Dystrophy in a Lipatrophy Mouse Model of Pparg Total Deletion. <i>Journal of Investigative Dermatology</i> , 2018, 138, 500-510.	0.3	63
36	Kinase signaling cascades that modulate peroxisome proliferator-activated receptors. <i>Current Opinion in Cell Biology</i> , 2005, 17, 216-222.	2.6	61

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37	The Nuclear Hormone Receptor Peroxisome Proliferator-Activated Receptor $\hat{2}/\hat{1}$ Potentiates Cell Chemotactism, Polarization, and Migration. <i>Molecular and Cellular Biology</i> , 2007, 27, 7161-7175.	1.1	60
38	PPAR $\hat{2}$ regulates vitamin A metabolism-related gene expression in hepatic stellate cells undergoing activation. <i>Journal of Lipid Research</i> , 2003, 44, 280-295.	2.0	58
39	PPAR $\hat{2}/\hat{1}$ attenuates palmitate-induced endoplasmic reticulum stress and induces autophagic markers in human cardiac cells. <i>International Journal of Cardiology</i> , 2014, 174, 110-118.	0.8	58
40	Epithelium-Mesenchyme Interactions Control the Activity of Peroxisome Proliferator-Activated Receptor $\hat{2}/\hat{1}$ during Hair Follicle Development. <i>Molecular and Cellular Biology</i> , 2005, 25, 1696-1712.	1.1	57
41	Impaired expression of NADH dehydrogenase subunit 1 and PPAR $\hat{3}$ coactivator-1 in skeletal muscle of ZDF rats. <i>Journal of Lipid Research</i> , 2004, 45, 113-123.	2.0	55
42	Functions of the Peroxisome Proliferator-Activated Receptor (PPAR) $\hat{1}$ and $\hat{2}$ in Skin Homeostasis, Epithelial Repair, and Morphogenesis. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2006, 11, 30-35.	0.8	51
43	Peroxisome proliferator-activated receptors $\hat{2}/\hat{1}$: emerging roles for a previously neglected third family member. <i>Current Opinion in Lipidology</i> , 2003, 14, 129-135.	1.2	50
44	Src is activated by the nuclear receptor peroxisome proliferator-activated receptor $\hat{2}/\hat{1}$ in ultraviolet radiation-induced skin cancer. <i>EMBO Molecular Medicine</i> , 2014, 6, 80-98.	3.3	50
45	New insights into the role of PPARs. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2011, 85, 235-243.	1.0	49
46	Functions of peroxisome proliferator-activated receptors (PPAR) in skin homeostasis. <i>Lipids</i> , 2004, 39, 1093-1099.	0.7	47
47	Nuclear Factor I-C Links Platelet-Derived Growth Factor and Transforming Growth Factor $\hat{2}1$ Signaling to Skin Wound Healing Progression. <i>Molecular and Cellular Biology</i> , 2009, 29, 6006-6017.	1.1	47
48	PPAR $\hat{2}$ drives IL-33-dependent ILC2 pro-tumoral functions. <i>Nature Communications</i> , 2021, 12, 2538.	5.8	44
49	Transcriptional Repression of Peroxisome Proliferator-activated Receptor $\hat{2}/\hat{1}$ in Murine Keratinocytes by CCAAT/Enhancer-binding Proteins*. <i>Journal of Biological Chemistry</i> , 2005, 280, 38700-38710.	1.6	42
50	Identification of a novel PPAR $\hat{2}/\hat{1}$ /miR-21 axis in UV-induced skin inflammation. <i>EMBO Molecular Medicine</i> , 2016, 8, 919-936.	3.3	41
51	Peroxisome proliferator-activated receptor- $\hat{2}$ as a target for wound healing drugs. <i>Expert Opinion on Therapeutic Targets</i> , 2004, 8, 39-48.	1.5	40
52	Lack of hypotriglyceridemic effect of gemfibrozil as a consequence of age-related changes in rat liver PPAR $\hat{1}$. <i>Biochemical Pharmacology</i> , 2004, 67, 157-166.	2.0	40
53	Guiding Ligands to Nuclear Receptors. <i>Cell</i> , 2007, 129, 649-651.	13.5	38
54	Tau hyperphosphorylation and increased BACE1 and RAGE levels in the cortex of PPAR $\hat{2}/\hat{1}$ -null mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 1241-1248.	1.8	37

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55	Genetic- or Transforming Growth Factor- β 1-induced Changes in Epidermal Peroxisome Proliferator-activated Receptor β Expression Dictate Wound Repair Kinetics. <i>Journal of Biological Chemistry</i> , 2005, 280, 18163-18170.	1.6	36
56	Altered Growth in Male Peroxisome Proliferator-Activated Receptor β (PPAR β) Heterozygous Mice: Involvement of PPAR β in a Negative Feedback Regulation of Growth Hormone Action. <i>Molecular Endocrinology</i> , 2004, 18, 2363-2377.	3.7	35
57	Peroxisome Proliferator-Activated Receptor (PPAR)- β as a Target for Wound Healing Drugs. <i>American Journal of Clinical Dermatology</i> , 2003, 4, 523-530.	3.3	33
58	Combined Simulation and Mutagenesis Analyses Reveal the Involvement of Key Residues for Peroxisome Proliferator-activated Receptor β Helix 12 Dynamic Behavior. <i>Journal of Biological Chemistry</i> , 2007, 282, 9666-9677.	1.6	33
59	Selective Expression of a Dominant-Negative Form of Peroxisome Proliferator-Activated Receptor in Keratinocytes Leads to Impaired Epidermal Healing. <i>Molecular Endocrinology</i> , 2005, 19, 2335-2348.	3.7	30
60	Promoter Rearrangements Cause Species-specific Hepatic Regulation of the Glyoxylate Reductase/Hydroxypyruvate Reductase Gene by the Peroxisome Proliferator-activated Receptor β . <i>Journal of Biological Chemistry</i> , 2005, 280, 24143-24152.	1.6	21
61	Induction of Paracrine Signaling in Metastatic Melanoma Cells by PPAR β Agonist Rosiglitazone Activates Stromal Cells and Enhances Tumor Growth. <i>Cancer Research</i> , 2018, 78, 6447-6461.	0.4	18
62	Decreased expression of peroxisome proliferator-activated receptor β and liver fatty acid binding protein after partial hepatectomy of rats and mice. <i>Liver International</i> , 2005, 25, 33-40.	1.9	16
63	Low expression of the PPAR β -regulated gene thioredoxin-interacting protein accompanies human melanoma progression and promotes experimental lung metastases. <i>Scientific Reports</i> , 2021, 11, 7847.	1.6	12
64	Nuclear Hormone Receptors and Mouse Skin Homeostasis: Implication of PPAR β . <i>Hormone Research in Paediatrics</i> , 2000, 54, 263-268.	0.8	10
65	Endothelial, but not smooth muscle, peroxisome proliferator-activated receptor β regulates vascular permeability and anaphylaxis. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 1625-1635.e5.	1.5	9
66	Characterization of a 67 kDa microtubule-binding protein in the pancreas from different species. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1992, 1116, 269-273.	1.1	8
67	Biochemical and immunochemical identification of a microtubule-binding protein from bovine pancreas. <i>Cytoskeleton</i> , 1993, 25, 381-390.	4.4	8
68	Physiological ligands of PPARs in inflammation and lipid homeostasis. <i>Future Lipidology</i> , 2006, 1, 191-201.	0.5	8
69	Identification of a microtubule-binding domain sequence in pancreatic messenger RNAs. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1993, 1181, 317-320.	1.8	5
70	PPARs in fetal and early postnatal development. <i>Advances in Developmental Biology (Amsterdam,)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	4
71	Peroxisome proliferator-activated receptor- β as a target for wound healing drugs. <i>Expert Opinion on Therapeutic Targets</i> , 2004, 8, 39-48.	1.5	4
72	Roles of the peroxisome proliferator-activated receptor (PPAR) β and β in skin wound healing. <i>International Congress Series</i> , 2007, 1302, 45-52.	0.2	2

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73	The Janus face of rosiglitazone. <i>Oncotarget</i> , 2018, 9, 37614-37615.	0.8	2
74	PPARs: Nuclear Hormone Receptors Involved in the Control of Inflammation. , 0, , 419-435.		1
75	Peroxisome Proliferator Activated Receptors. , 2005, , 267-280.		0
76	PPARs: Lipid Sensors that Regulate Cell Differentiation Processes. , 2006, , 117-131.		0
77	La activaci3n de receptor activado por proliferadores peroxis3micos γ mejora la resistencia a insulina inducida por IL-6 en c3lulas hep3ticas. <i>Cl3nica E Investigaci3n En Arteriosclerosis</i> , 2012, 24, 275-283.	0.4	0
78	Regulation of epithelial-mesenchymal IL-1 signaling by PPAR γ is essential for skin homeostasis and wound healing. <i>Journal of Experimental Medicine</i> , 2009, 206, i6-i6.	4.2	0