Collynn F Woeller

List of Publications by Year
in descending order

68	1,676	304743	330143
papers	citations	22 h-index	37 g-index

69	69	69	2539
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SMD and NMD are competitive pathways that contribute to myogenesis: effects on PAX3 and myogenin mRNAs. Genes and Development, 2009, 23, 54-66.	5.9	160
2	Evidence for Small Ubiquitin-like Modifier-dependent Nuclear Import of the Thymidylate Biosynthesis Pathway*. Journal of Biological Chemistry, 2007, 282, 17623-17631.	3.4	109
3	Serine Hydroxymethyltransferase Anchors de Novo Thymidylate Synthesis Pathway to Nuclear Lamina for DNA Synthesis. Journal of Biological Chemistry, 2012, 287, 7051-7062.	3.4	106
4	Anticancer Role of PPAR<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math>Agonists in Hematological Malignancies Found in the Vasculature, Marrow, and Eyes. PPAR Research, 2010, 2010, 1-36.	2.4	91
5	Small ubiquitin-like modifier-1 (SUMO-1) modification of thymidylate synthase and dihydrofolate reductase. Clinical Chemistry and Laboratory Medicine, 2007, 45, 1760-3.	2.3	57
6	Thy1 (CD90) controls adipogenesis by regulating activity of the Src family kinase, Fyn. FASEB Journal, 2015, 29, 920-931.	0.5	55
7	Inhibitory Effects of PPARÎ³ Ligands on TGF-Î²1â€“Induced Corneal Myofibroblast Transformation. American Journal of Pathology, 2014, 184, 1429-1445.	3.8	54
8	Identification of novel mechanisms involved in generating localized vulvodynia pain. American Journal of Obstetrics and Gynecology, 2015, 213, 38.e1-38.e12.	1.3	51
9	Site-specific mesenchymal control of inflammatory pain to yeast challenge in vulvodynia-afflicted and pain-free women. Pain, 2015, 156, 386-396.	4.2	51
10	Orbital Fibroblasts From Thyroid Eye Disease Patients Differ in Proliferative and Adipogenic Responses Depending on Disease Subtype. , 2013, 54, 7370.		48
11	Specialized proresolving mediators (SPMs) inhibit human Bâ€cell IgE production. European Journal of Immunology, 2016, 46, 81-91.	2.9	46
12	TSHR Signaling Stimulates Proliferation Through PI3K/Akt and Induction of miR-146a and miR-155 in Thyroid Eye Disease Orbital Fibroblasts. , 2019, 60, 4336.		39
13	Ionizing radiation induces myofibroblast differentiation via lactate dehydrogenase. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L879-L887.	2.9	37
14	Activated Human Lung Fibroblasts Produce Extracellular Vesicles with Antifibrotic Prostaglandins. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 269-278.	2.9	37
15	A Ferritin-responsive Internal Ribosome Entry Site Regulates Folate Metabolism. Journal of Biological Chemistry, 2007, 282, 29927-29935.	3.4	35
16	Novel anti-adipogenic activity produced by human fibroblasts. American Journal of Physiology - Cell Physiology, 2010, 299, C672-C681.	4.6	33
17	Salinomycin and Other Polyether Ionophores Are a New Class of Antiscarring Agent. Journal of Biological Chemistry, 2015, 290, 3563-3575.	3.4	32
18	Quantification of total mitochondrial DNA and the 4977-bp common deletion in Pearson's syndrome lymphoblasts using a fluorogenic 5â€²-nuclease (TaqManâ„¢) real-time polymerase chain reaction assay and plasmid external calibration standards. Mitochondrion, 2003, 2, 415-427.	3.4	31

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19	The Aryl Hydrocarbon Receptor and Its Ligands Inhibit Myofibroblast Formation and Activation. American Journal of Pathology, 2016, 186, 3189-3202.	3.8	31
20	Lipoxin B4 Enhances Human Memory B Cell Antibody Production via Upregulating Cyclooxygenase-2 Expression. Journal of Immunology, 2018, 201, 3343-3351.	0.8	30
21	Peroxisome Proliferator-activated Receptor Î³ Ligands Inhibit Transforming Growth Factor-Î²-induced, Hyaluronan-dependent, T Cell Adhesion to Orbital Fibroblasts. Journal of Biological Chemistry, 2011, 286, 18856-18867.	3.4	29
22	Thy1 is a positive regulator of osteoblast differentiation and modulates bone homeostasis in obese mice. FASEB Journal, 2018, 32, 3174-3183.	0.5	28
23	Attenuation of inflammatory mediator production by the NF-ÎºB member RelB is mediated by microRNA-146a in lung fibroblasts. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 304, L774-L781.	2.9	25
24	Editorâ€™s Highlight: Thy1 (CD90) Expression is Reduced by the Environmental Chemical Tetrabromobisphenol-A to Promote Adipogenesis Through Induction of microRNA-103. Toxicological Sciences, 2017, 157, 305-319.	3.1	25
25	Electrophilic PPARÎ³ ligands inhibit corneal fibroblast to myofibroblast differentiation inÂvitro: A potentially novel therapy for corneal scarring. Experimental Eye Research, 2012, 94, 136-145.	2.6	22
26	Introduction to Department of Defense Research on Burn Pits, Biomarkers, and Health Outcomes Related to Deployment in Iraq and Afghanistan. Journal of Occupational and Environmental Medicine, 2016, 58, S3-S11.	1.7	22
27	MicroRNAs as Novel Biomarkers of Deployment Status and Exposure to Polychlorinated Dibenzo-p-Dioxins/Dibenzofurans. Journal of Occupational and Environmental Medicine, 2016, 58, S89-S96.	1.7	20
28	NMD resulting from encephalomyocarditis virus IRESâ€directed translation initiation seems to be restricted to CBP80/20â€bound mRNA. EMBO Reports, 2008, 9, 446-451.	4.5	19
29	Emerging PPARÎ³-Independent Role of PPARÎ³Ligands in Lung Diseases. PPAR Research, 2012, 2012, 1-13.	2.4	18
30	Mapracorat, a selective glucocorticoid receptor agonist, upregulates RelB, an anti-inflammatory nuclear factor-kappaB protein, in human ocular cells. Experimental Eye Research, 2014, 127, 290-298.	2.6	18
31	Human lung fibroblasts produce proresolving peroxisome proliferator-activated receptor-Î³ ligands in a cyclooxygenase-2-dependent manner. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L855-L867.	2.9	18
32	The aryl hydrocarbon receptor pathway controls matrix metalloproteinase-1 and collagen levels in human orbital fibroblasts. Scientific Reports, 2020, 10, 8477.	3.3	18
33	Detection of Serum microRNAs From Department of Defense Serum Repository. Journal of Occupational and Environmental Medicine, 2016, 58, S62-S71.	1.7	17
34	Quenching the fires: Pro-resolving mediators, air pollution, and smoking. , 2019, 197, 212-224.		17
35	Thy1 (CD90) Expression Is Elevated in Radiation-Induced Periprosthetic Capsular Contracture: Implication for Novel Therapeutics. Plastic and Reconstructive Surgery, 2017, 140, 316-326.	1.4	16
36	Prevention of Fibrosis and Pathological Cardiac Remodeling by Salinomycin. Circulation Research, 2021, 128, 1663-1678.	4.5	16

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37	A novel method for overexpression of peroxisome proliferator-activated receptor-Î³ in megakaryocyte and platelet microparticles achieves transcellular signaling. Journal of Thrombosis and Haemostasis, 2012, 10, 2563-2572.	3.8	15
38	A Role for Bradykinin Signaling in Chronic Vulvar Pain. Journal of Pain, 2016, 17, 1183-1197.	1.4	15
39	Toll-Like Receptor Signaling Contributes to Proinflammatory Mediator Production in Localized Provoked Vulvodynia. Journal of Lower Genital Tract Disease, 2018, 22, 52-57.	1.9	15
40	Activated human T lymphocytes inhibit TGFÎ²-induced fibroblast to myofibroblast differentiation via prostaglandins D2 and E2. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 314, L569-L582.	2.9	15
41	Proton pump inhibitors attenuate myofibroblast formation associated with thyroid eye disease through the aryl hydrocarbon receptor. PLoS ONE, 2019, 14, e0222779.	2.5	14
42	MicroRNA-130a Is Elevated in Thyroid Eye Disease and Increases Lipid Accumulation in Fibroblasts Through the Suppression of AMPK. , 2021, 62, 29.		14
43	A Mouse Model of Proliferative Vitreoretinopathy Induced by Intravitreal Injection of Gas and RPE Cells. Translational Vision Science and Technology, 2020, 9, 9.	2.2	12
44	The polyether ionophore salinomycin targets multiple cellular pathways to block proliferative vitreoretinopathy pathology. PLoS ONE, 2019, 14, e0222596.	2.5	11
45	The Influence of Cox-2 and Bioactive Lipids on Hematological Cancers. Current Angiogenesis, 2014, 2, 135-142.	0.1	11
46	Exposure to Heptachlorodibenzo-p-dioxin (HpCDD) Regulates microRNA Expression in Human Lung Fibroblasts. Journal of Occupational and Environmental Medicine, 2019, 61, S82-S89.	1.7	9
47	Thy1 (CD90) expression is regulated by DNA methylation during adipogenesis. FASEB Journal, 2019, 33, 3353-3363.	0.5	8
48	Evolution of a Biosynthetic Temporary Skin Substitute: A Preliminary Study. Eplasty, 2015, 15, e30.	0.4	8
49	More than Meets the Eye: The Aryl Hydrocarbon Receptor is an Environmental Sensor, Physiological Regulator and a Therapeutic Target in Ocular Disease. Frontiers in Toxicology, 2022, 4, 791082.	3.1	8
50	Advances in Comprehensive Exposure Assessment. Journal of Occupational and Environmental Medicine, 2019, 61, S5-S14.	1.7	7
51	Microparticles Engineered to Highly Express Peroxisome Proliferator-Activated Receptor-Î³ Decreased Inflammatory Mediator Production and Increased Adhesion of Recipient Monocytes. PLoS ONE, 2014, 9, e113189.	2.5	6
52	Analysis of Postdeployment Serum Samples Identifies Potential Biomarkers of Exposure to Burn Pits and Other Environmental Hazards. Journal of Occupational and Environmental Medicine, 2019, 61, S45-S54.	1.7	6
53	Integrative Network Analysis Linking Clinical Outcomes With Environmental Exposures and Molecular Variations in Service Personnel Deployed to Balad and Bagram. Journal of Occupational and Environmental Medicine, 2019, 61, S65-S72.	1.7	6
54	Translational and clinical advancements in management of proliferative vitreoretinopathy. Current Opinion in Ophthalmology, 2022, 33, 219-227.	2.9	6

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55	Use of Biomarkers to Assess Environmental Exposures and Health Outcomes in Deployed Troops. Journal of Occupational and Environmental Medicine, 2019, 61, S1-S4.	1.7	5
56	Salinomycin inhibits proliferative vitreoretinopathy formation in a mouse model. PLoS ONE, 2020, 15, e0243626.	2.5	5
57	Associations of Benzo(ghi)perylene and Heptachlorodibenzo-p-dioxin in Serum of Service Personnel Deployed to Balad, Iraq, and Bagram, Afghanistan Correlates With Perturbed Amino Acid Metabolism in Human Lung Fibroblasts. Journal of Occupational and Environmental Medicine, 2019, 61, S35-S44.	1.7	4
58	Machine Learning Approach for Predicting Past Environmental Exposures From Molecular Profiling of Post-Exposure Human Serum Samples. Journal of Occupational and Environmental Medicine, 2019, 61, S55-S64.	1.7	3
59	Discovery of Novel Small Molecules that Block Myofibroblast Formation. Plastic and Reconstructive Surgery - Global Open, 2019, 7, 1.	0.6	3
60	Thinking inside the box: Current insights into targeting orbital tissue remodeling and inflammation in thyroid eye disease. Survey of Ophthalmology, 2022, 67, 858-874.	4.0	3
61	Out of Tune: Fibroblasts Turn Fibrotic When They Lack a FENDRR. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 403-404.	2.9	2
62	Neonatal hyperoxia impairs adipogenesis of bone marrow-derived mesenchymal stem cells and fat accumulation in adult mice. Free Radical Biology and Medicine, 2021, 167, 287-298.	2.9	2
63	In Vitro Characterization of Variable Porosity Wound Dressing With Anti-Scar Properties. Eplasty, 2018, 18, e21.	0.4	2
64	RelB-Mediated Attenuation Of Cigarette Smoke-Induced Pulmonary Inflammation Is Associated With MiRNA-146a Production. , 2012, , .		0
65	SUMOylation of cytoplasmic serine hydroxymethyltransferase and evidence for nuclear folate metabolism. FASEB Journal, 2007, 21, A1023.	0.5	0
66	Molecular mechanism of the cSHMT IRES. FASEB Journal, 2007, 21, A650.	0.5	0
67	Mammalian pioneer translation initiation complex and mRNA decay. FASEB Journal, 2008, 22, 527.2.	0.5	0
68	Evaluating a Variable Porosity Wound Dressing With Anti-Scar Properties in a Porcine Model of Wound Healing. Eplasty, 2018, 18, e20.	0.4	0