

Collynn F Woeller

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

1,676
citations

304743

22
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330143

37
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69
all docs

69
docs citations

69
times ranked

2539
citing authors

#	ARTICLE	IF	CITATIONS
1	Thinking inside the box: Current insights into targeting orbital tissue remodeling and inflammation in thyroid eye disease. <i>Survey of Ophthalmology</i> , 2022, 67, 858-874.	4.0	3
2	Translational and clinical advancements in management of proliferative vitreoretinopathy. <i>Current Opinion in Ophthalmology</i> , 2022, 33, 219-227.	2.9	6
3	More than Meets the Eye: The Aryl Hydrocarbon Receptor is an Environmental Sensor, Physiological Regulator and a Therapeutic Target in Ocular Disease. <i>Frontiers in Toxicology</i> , 2022, 4, 791082.	3.1	8
4	MicroRNA-130a Is Elevated in Thyroid Eye Disease and Increases Lipid Accumulation in Fibroblasts Through the Suppression of AMPK. , 2021, 62, 29.		14
5	Neonatal hyperoxia impairs adipogenesis of bone marrow-derived mesenchymal stem cells and fat accumulation in adult mice. <i>Free Radical Biology and Medicine</i> , 2021, 167, 287-298.	2.9	2
6	Prevention of Fibrosis and Pathological Cardiac Remodeling by Salinomycin. <i>Circulation Research</i> , 2021, 128, 1663-1678.	4.5	16
7	Out of Tune: Fibroblasts Turn Fibrotic When They Lack a FENRR. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 403-404.	2.9	2
8	A Mouse Model of Proliferative Vitreoretinopathy Induced by Intravitreal Injection of Gas and RPE Cells. <i>Translational Vision Science and Technology</i> , 2020, 9, 9.	2.2	12
9	The aryl hydrocarbon receptor pathway controls matrix metalloproteinase-1 and collagen levels in human orbital fibroblasts. <i>Scientific Reports</i> , 2020, 10, 8477.	3.3	18
10	Salinomycin inhibits proliferative vitreoretinopathy formation in a mouse model. <i>PLoS ONE</i> , 2020, 15, e0243626.	2.5	5
11	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
12	The polyether ionophore salinomycin targets multiple cellular pathways to block proliferative vitreoretinopathy pathology. <i>PLoS ONE</i> , 2019, 14, e0222596.	2.5	11
13	Proton pump inhibitors attenuate myofibroblast formation associated with thyroid eye disease through the aryl hydrocarbon receptor. <i>PLoS ONE</i> , 2019, 14, e0222779.	2.5	14
14	Quenching the fires: Pro-resolving mediators, air pollution, and smoking. , 2019, 197, 212-224.		17
15	Analysis of Postdeployment Serum Samples Identifies Potential Biomarkers of Exposure to Burn Pits and Other Environmental Hazards. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, S45-S54.	1.7	6
16	Advances in Comprehensive Exposure Assessment. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, S5-S14.	1.7	7
17	Machine Learning Approach for Predicting Past Environmental Exposures From Molecular Profiling of Post-Exposure Human Serum Samples. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, S55-S64.	1.7	3
18	Integrative Network Analysis Linking Clinical Outcomes With Environmental Exposures and Molecular Variations in Service Personnel Deployed to Balad and Bagram. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, S65-S72.	1.7	6

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19	Use of Biomarkers to Assess Environmental Exposures and Health Outcomes in Deployed Troops. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, S1-S4.	1.7	5
20	Discovery of Novel Small Molecules that Block Myofibroblast Formation. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2019, 7, 1.	0.6	3
21	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. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, S35-S44.	1.7	4
22	Exposure to Heptachlorodibenzo-p-dioxin (HpCDD) Regulates microRNA Expression in Human Lung Fibroblasts. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, S82-S89.	1.7	9
23	Thy1 (CD90) expression is regulated by DNA methylation during adipogenesis. <i>FASEB Journal</i> , 2019, 33, 3353-3363.	0.5	8
24	Activated Human Lung Fibroblasts Produce Extracellular Vesicles with Antifibrotic Prostaglandins. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 269-278.	2.9	37
25	Toll-Like Receptor Signaling Contributes to Proinflammatory Mediator Production in Localized Provoked Vulvodynia. <i>Journal of Lower Genital Tract Disease</i> , 2018, 22, 52-57.	1.9	15
26	Lipoxin B4 Enhances Human Memory B Cell Antibody Production via Upregulating Cyclooxygenase-2 Expression. <i>Journal of Immunology</i> , 2018, 201, 3343-3351.	0.8	30
27	Thy1 is a positive regulator of osteoblast differentiation and modulates bone homeostasis in obese mice. <i>FASEB Journal</i> , 2018, 32, 3174-3183.	0.5	28
28	Activated human T lymphocytes inhibit TGF β 2-induced fibroblast to myofibroblast differentiation via prostaglandins D2 and E2. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, L569-L582.	2.9	15
29	Evaluating a Variable Porosity Wound Dressing With Anti-Scar Properties in a Porcine Model of Wound Healing. <i>Eplasty</i> , 2018, 18, e20.	0.4	0
30	In Vitro Characterization of Variable Porosity Wound Dressing With Anti-Scar Properties. <i>Eplasty</i> , 2018, 18, e21.	0.4	2
31	Editor's Highlight: Thy1 (CD90) Expression is Reduced by the Environmental Chemical Tetrabromobisphenol-A to Promote Adipogenesis Through Induction of microRNA-103. <i>Toxicological Sciences</i> , 2017, 157, 305-319.	3.1	25
32	Thy1 (CD90) Expression Is Elevated in Radiation-Induced Periprosthetic Capsular Contracture: Implication for Novel Therapeutics. <i>Plastic and Reconstructive Surgery</i> , 2017, 140, 316-326.	1.4	16
33	A Role for Bradykinin Signaling in Chronic Vulvar Pain. <i>Journal of Pain</i> , 2016, 17, 1183-1197.	1.4	15
34	Specialized proresolving mediators (SPMs) inhibit human B cell IgE production. <i>European Journal of Immunology</i> , 2016, 46, 81-91.	2.9	46
35	The Aryl Hydrocarbon Receptor and Its Ligands Inhibit Myofibroblast Formation and Activation. <i>American Journal of Pathology</i> , 2016, 186, 3189-3202.	3.8	31
36	Human lung fibroblasts produce proresolving peroxisome proliferator-activated receptor- β ligands in a cyclooxygenase-2-dependent manner. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L855-L867.	2.9	18

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37	Detection of Serum microRNAs From Department of Defense Serum Repository. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, S62-S71.	1.7	17
38	MicroRNAs as Novel Biomarkers of Deployment Status and Exposure to Polychlorinated Dibenzo-p-Dioxins/Dibenzofurans. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, S89-S96.	1.7	20
39	Introduction to Department of Defense Research on Burn Pits, Biomarkers, and Health Outcomes Related to Deployment in Iraq and Afghanistan. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, S3-S11.	1.7	22
40	Ionizing radiation induces myofibroblast differentiation via lactate dehydrogenase. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L879-L887.	2.9	37
41	Salinomycin and Other Polyether Ionophores Are a New Class of Antiscarring Agent. <i>Journal of Biological Chemistry</i> , 2015, 290, 3563-3575.	3.4	32
42	Identification of novel mechanisms involved in generating localized vulvodynia pain. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, 38.e1-38.e12.	1.3	51
43	Site-specific mesenchymal control of inflammatory pain to yeast challenge in vulvodynia-afflicted and pain-free women. <i>Pain</i> , 2015, 156, 386-396.	4.2	51
44	Thy1 (CD90) controls adipogenesis by regulating activity of the Src family kinase, Fyn. <i>FASEB Journal</i> , 2015, 29, 920-931.	0.5	55
45	Evolution of a Biosynthetic Temporary Skin Substitute: A Preliminary Study. <i>Eplasty</i> , 2015, 15, e30.	0.4	8
46	Microparticles Engineered to Highly Express Peroxisome Proliferator-Activated Receptor- β Decreased Inflammatory Mediator Production and Increased Adhesion of Recipient Monocytes. <i>PLoS ONE</i> , 2014, 9, e113189.	2.5	6
47	Mapracorat, a selective glucocorticoid receptor agonist, upregulates RelB, an anti-inflammatory nuclear factor- κ B protein, in human ocular cells. <i>Experimental Eye Research</i> , 2014, 127, 290-298.	2.6	18
48	Inhibitory Effects of PPAR β Ligands on TGF- β 1-Induced Corneal Myofibroblast Transformation. <i>American Journal of Pathology</i> , 2014, 184, 1429-1445.	3.8	54
49	The Influence of Cox-2 and Bioactive Lipids on Hematological Cancers. <i>Current Angiogenesis</i> , 2014, 2, 135-142.	0.1	11
50	Attenuation of inflammatory mediator production by the NF- κ B member RelB is mediated by microRNA-146a in lung fibroblasts. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 304, L774-L781.	2.9	25
51	Orbital Fibroblasts From Thyroid Eye Disease Patients Differ in Proliferative and Adipogenic Responses Depending on Disease Subtype. , 2013, 54, 7370.		48
52	Emerging PPAR β -Independent Role of PPAR β Ligands in Lung Diseases. <i>PPAR Research</i> , 2012, 2012, 1-13.	2.4	18
53	Serine Hydroxymethyltransferase Anchors de Novo Thymidylate Synthesis Pathway to Nuclear Lamina for DNA Synthesis. <i>Journal of Biological Chemistry</i> , 2012, 287, 7051-7062.	3.4	106
54	RelB-Mediated Attenuation Of Cigarette Smoke-Induced Pulmonary Inflammation Is Associated With MiRNA-146a Production. , 2012, , .		0

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55	Electrophilic PPAR γ ligands inhibit corneal fibroblast to myofibroblast differentiation in vitro: A potentially novel therapy for corneal scarring. <i>Experimental Eye Research</i> , 2012, 94, 136-145.	2.6	22
56	A novel method for overexpression of peroxisome proliferator-activated receptor- γ in megakaryocyte and platelet microparticles achieves transcellular signaling. <i>Journal of Thrombosis and Haemostasis</i> , 2012, 10, 2563-2572.	3.8	15
57	Peroxisome Proliferator-activated Receptor γ Ligands Inhibit Transforming Growth Factor- β -induced, Hyaluronan-dependent, T Cell Adhesion to Orbital Fibroblasts. <i>Journal of Biological Chemistry</i> , 2011, 286, 18856-18867.	3.4	29
58	Novel anti-adipogenic activity produced by human fibroblasts. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 299, C672-C681.	4.6	33
59	Anticancer Role of PPAR γ Agonists in Hematological Malignancies Found in the Vasculature, Marrow, and Eyes. <i>PPAR Research</i> , 2010, 2010, 1-36.	2.4	91
60	SMD and NMD are competitive pathways that contribute to myogenesis: effects on PAX3 and myogenin mRNAs. <i>Genes and Development</i> , 2009, 23, 54-66.	5.9	160
61	NMD resulting from encephalomyocarditis virus IRES-directed translation initiation seems to be restricted to CBP80/20-bound mRNA. <i>EMBO Reports</i> , 2008, 9, 446-451.	4.5	19
62	Mammalian pioneer translation initiation complex and mRNA decay. <i>FASEB Journal</i> , 2008, 22, 527.2.	0.5	0
63	A Ferritin-responsive Internal Ribosome Entry Site Regulates Folate Metabolism. <i>Journal of Biological Chemistry</i> , 2007, 282, 29927-29935.	3.4	35
64	Evidence for Small Ubiquitin-like Modifier-dependent Nuclear Import of the Thymidylate Biosynthesis Pathway*. <i>Journal of Biological Chemistry</i> , 2007, 282, 17623-17631.	3.4	109
65	Small ubiquitin-like modifier-1 (SUMO-1) modification of thymidylate synthase and dihydrofolate reductase. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007, 45, 1760-3.	2.3	57
66	SUMOylation of cytoplasmic serine hydroxymethyltransferase and evidence for nuclear folate metabolism. <i>FASEB Journal</i> , 2007, 21, A1023.	0.5	0
67	Molecular mechanism of the cSHMT IRES. <i>FASEB Journal</i> , 2007, 21, A650.	0.5	0
68	Quantification of total mitochondrial DNA and the 4977-bp common deletion in Pearson's syndrome lymphoblasts using a fluorogenic 5'-nuclease (TaqMan ®) real-time polymerase chain reaction assay and plasmid external calibration standards. <i>Mitochondrion</i> , 2003, 2, 415-427.	3.4	31