

Carol A Feghali-Bostwick

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

5,839
citations

87843

38
h-index

79644

73
g-index

104
all docs

104
docs citations

104
times ranked

8164
citing authors

#	ARTICLE	IF	CITATIONS
1	Antifibrotic factor KLF4 is repressed by the miR-10/TFAP2A/TBX5 axis in dermal fibroblasts: insights from twins discordant for systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 268-277.	0.5	19
2	Clinical and translational research workforce education survey identifies needs of faculty and staff. <i>Journal of Clinical and Translational Science</i> , 2022, 6, e8.	0.3	4
3	Impact of Sex and Gender on Autoimmune Lung Disease: Opportunities for Future Research: NHLBI Working Group Report. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 817-823.	2.5	3
4	The translational sciences clinic: From bench to bedside. <i>Journal of Clinical and Translational Science</i> , 2021, 5, e36.	0.3	1
5	Lysyl oxidase directly contributes to extracellular matrix production and fibrosis in systemic sclerosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L29-L40.	1.3	33
6	Elucidating the cellular mechanism for E2-induced dermal fibrosis. <i>Arthritis Research and Therapy</i> , 2021, 23, 68.	1.6	7
7	Systemic sclerosis biomarkers detection in the secretome of TGF β 1-activated primary human lung fibroblasts. <i>Journal of Proteomics</i> , 2021, 242, 104243.	1.2	3
8	Announcing the Editorial Board Fellowship Program of the American Journal of Physiology-Lung Cellular and Molecular Physiology. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L116-L118.	1.3	1
9	Elevated Fibronectin Levels in Profibrotic CD14+ Monocytes and CD14+ Macrophages in Systemic Sclerosis. <i>Frontiers in Immunology</i> , 2021, 12, 642891.	2.2	20
10	Promoting our early career members at AJP-Lung: The Editorial Board Fellowship Program and the Next Generation Physiologist Highlights section at our Journal. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L844-L846.	1.3	1
11	Exercise as a multi-modal disease-modifying medicine in systemic sclerosis: An introduction by The Global Fellowship on Rehabilitation and Exercise in Systemic Sclerosis (G-FoRSS). <i>Best Practice and Research in Clinical Rheumatology</i> , 2021, 35, 101695.	1.4	19
12	Differential DNA Methylation Landscape in Skin Fibroblasts from African Americans with Systemic Sclerosis. <i>Genes</i> , 2021, 12, 129.	1.0	12
13	Phenotypic Characterization of Transgenic Mice Expressing Human IGFBP-5. <i>International Journal of Molecular Sciences</i> , 2021, 22, 335.	1.8	7
14	Identification of Impacted Pathways and Transcriptomic Markers as Potential Mediators of Pulmonary Fibrosis in Transgenic Mice Expressing Human IGFBP5. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12609.	1.8	5
15	PDGF Promotes Dermal Fibroblast Activation via a Novel Mechanism Mediated by Signaling Through MCHR1. <i>Frontiers in Immunology</i> , 2021, 12, 745308.	2.2	11
16	E4 engages uPAR and enolase-1 and activates urokinase to exert antifibrotic effects. <i>JCI Insight</i> , 2021, 6, .	2.3	12
17	Cross-Talk between Transforming Growth Factor- β 2 and Periostin Can Be Targeted for Pulmonary Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 204-216.	1.4	38
18	Extracellular matrix alterations in low-grade lung adenocarcinoma compared with normal lung tissue by imaging mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4450.	0.7	23

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19	Pulmonary fibrosis: something old, something newâ€¦ still waiting for a breakthrough. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L560-L561.	1.3	4
20	TL1A Promotes Lung Tissue Fibrosis and Airway Remodeling. <i>Journal of Immunology</i> , 2020, 205, 2414-2422.	0.4	13
21	Oxetanyl Sulfoxide MMS-350 Ameliorates Pulmonary Fibrosis <i>In Vitro</i>, <i>In Vivo</i>, and <i>Ex Vivo</i>. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 2312-2317.	1.3	3
22	Prominence of IL6, IGF, TLR, and Bioenergetics Pathway Perturbation in Lung Tissues of Scleroderma Patients With Pulmonary Fibrosis. <i>Frontiers in Immunology</i> , 2020, 11, 383.	2.2	40
23	Long non-coding RNA HOTAIR drives EZH2-dependent myofibroblast activation in systemic sclerosis through miRNA 34a-dependent activation of NOTCH. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 507-517.	0.5	60
24	Periostin plays a critical role in the cell cycle in lung fibroblasts. <i>Respiratory Research</i> , 2020, 21, 38.	1.4	26
25	CD70 Activation Decreases Pulmonary Fibroblast Production of Extracellular Matrix Proteins. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 63, 255-265.	1.4	3
26	Long noncoding RNA H19X is a key mediator of TGF- β â€œdriven fibrosis. <i>Journal of Clinical Investigation</i> , 2020, 130, 4888-4905.	3.9	52
27	Using a Social Ecological Model Framework for Advancing the Careers of Women in Science in Academic Medical Centers. <i>ADVANCE Journal</i> , 2020, 1, .	0.3	0
28	Prediction of severity and subtype of fibrosing disease using model informed by inflammation and extracellular matrix gene index. <i>PLoS ONE</i> , 2020, 15, e0240986.	1.1	0
29	Excessive exosome release is the pathogenic pathway linking a lysosomal deficiency to generalized fibrosis. <i>Science Advances</i> , 2019, 5, eaav3270.	4.7	42
30	3420 Estradiol levels are elevated in older men with diffuse cutaneous SSc and are associated with decreased survival. <i>Journal of Clinical and Translational Science</i> , 2019, 3, 104-105.	0.3	0
31	A team-based translational journal club: Understanding the translational research highway. <i>Journal of Clinical and Translational Science</i> , 2019, 3, 291-294.	0.3	3
32	A Human Skin Model Recapitulates Systemic Sclerosis Dermal Fibrosis and Identifies COL22A1 as a TGF β Early Response Gene that Mediates Fibroblast to Myofibroblast Transition. <i>Genes</i> , 2019, 10, 75.	1.0	18
33	Fos-related antigen-1 transgenic mouse as a model for systemic sclerosis: A potential role of M2 polarization. <i>Journal of Scleroderma and Related Disorders</i> , 2019, 4, 137-148.	1.0	0
34	Induction of a Th17 Phenotype in Human Skinâ€œA Mimic of Dermal Inflammatory Diseases. <i>Methods and Protocols</i> , 2019, 2, 45.	0.9	4
35	Role of phospholipase D in bleomycin-induced mitochondrial reactive oxygen species generation, mitochondrial DNA damage, and pulmonary fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 317, L175-L187.	1.3	29
36	Long intergenic non-coding RNAs regulate human lung fibroblast function: Implications for idiopathic pulmonary fibrosis. <i>Scientific Reports</i> , 2019, 9, 6020.	1.6	25

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37	Estradiol levels are elevated in older men with diffuse cutaneous SSc and are associated with decreased survival. <i>Arthritis Research and Therapy</i> , 2019, 21, 85.	1.6	16
38	NADPH oxidase-mediated induction of reactive oxygen species and extracellular matrix deposition by insulin-like growth factor binding protein-5. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 316, L644-L655.	1.3	10
39	Integrative analysis of DNA methylation in discordant twins unveils distinct architectures of systemic sclerosis subsets. <i>Clinical Epigenetics</i> , 2019, 11, 58.	1.8	32
40	Insulin-like growth factor binding protein-4 exerts antifibrotic activity by reducing levels of connective tissue growth factor and the C-X-C chemokine receptor 4. <i>FASEB BioAdvances</i> , 2019, 1, 167-179.	1.3	28
41	OP0185â€¦INFLAMMATION-DEPENDENT DECREASED EXPRESSION OF CD52 ON CIRCULATING CD14+ MONOCYTES FACILITATES ADHESION IN SYSTEMIC SCLEROSIS. , 2019, , .		0
42	<p>Therapeutic Challenges And Advances In The Management Of Systemic Sclerosis-Related Pulmonary Arterial Hypertension (SSc-PAH)<p>. <i>Therapeutics and Clinical Risk Management</i> , 2019, Volume 15, 1427-1442.	0.9	10
43	Insulin-like growth factor (IGF)-II- mediated fibrosis in pathogenic lung conditions. <i>PLoS ONE</i> , 2019, 14, e0225422.	1.1	27
44	18F-AzaFol for Detection of Folate Receptor-Î² Positive Macrophages in Experimental Interstitial Lung Diseaseâ€”A Proof-of-Concept Study. <i>Frontiers in Immunology</i> , 2019, 10, 2724.	2.2	27
45	Visualisation of interstitial lung disease by molecular imaging of integrin Î±vÎ²3 and somatostatin receptor 2. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 218-227.	0.5	24
46	Intracellular Heat Shock Protein 70 Deficiency in Pulmonary Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 629-636.	1.4	26
47	Pro-fibrotic phenotype of human skin fibroblasts induced by periostin via modulating TGF-Î² signaling. <i>Journal of Dermatological Science</i> , 2018, 90, 199-208.	1.0	26
48	RNAi screening identifies a mechanosensitive ROCK-JAK2-STAT3 network central to myofibroblast activation. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	37
49	2027 The role of lysyl oxidase in systemic sclerosis-associated lung fibrosis. <i>Journal of Clinical and Translational Science</i> , 2018, 2, 32-33.	0.3	0
50	Long Non-coding RNAs Are Central Regulators of the IL-1Î²-Induced Inflammatory Response in Normal and Idiopathic Pulmonary Lung Fibroblasts. <i>Frontiers in Immunology</i> , 2018, 9, 2906.	2.2	47
51	A Focused Career Development Program for Women Faculty at an Academic Medical Center. <i>Journal of Women's Health</i> , 2018, 27, 1474-1481.	1.5	7
52	Systems Analysis of Transcriptomic and Proteomic Profiles Identifies Novel Regulation of Fibrotic Programs by miRNAs in Pulmonary Fibrosis Fibroblasts. <i>Genes</i> , 2018, 9, 588.	1.0	39
53	IGFBP-5 Promotes Fibrosis via Increasing Its Own Expression and That of Other Pro-fibrotic Mediators. <i>Frontiers in Endocrinology</i> , 2018, 9, 601.	1.5	72
54	Characterization of human PDGFR-Î²-positive pericytes from IPF and non-IPF lungs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L991-L1002.	1.3	35

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55	Gender Disparities in Faculty Rank: Factors that Affect Advancement of Women Scientists at Academic Medical Centers. <i>Social Sciences</i> , 2018, 7, 62.	0.7	13
56	Personalized Gene Expression Profile Information Predicts Severity of Systemic Sclerosis Despite Heterogeneity of Disease. <i>FASEB Journal</i> , 2018, 32, 414.10.	0.2	0
57	Sirtuin 3 Deregulation Promotes Pulmonary Fibrosis. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, glw151.	1.7	63
58	Mir-155 is overexpressed in systemic sclerosis fibroblasts and is required for NLRP3 inflammasome-mediated collagen synthesis during fibrosis. <i>Arthritis Research and Therapy</i> , 2017, 19, 144.	1.6	106
59	Differences in Right Ventricular Functional Changes during Treatment between Systemic Sclerosis-associated Pulmonary Arterial Hypertension and Idiopathic Pulmonary Arterial Hypertension. <i>Annals of the American Thoracic Society</i> , 2017, 14, 682-689.	1.5	13
60	Lysocardiolipin acyltransferase regulates TGF- β^2 mediated lung fibroblast differentiation. <i>Free Radical Biology and Medicine</i> , 2017, 112, 162-173.	1.3	28
61	Extracellular Mitochondrial DNA Is Generated by Fibroblasts and Predicts Death in Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 1571-1581.	2.5	140
62	The role of microRNA-155/liver X receptor pathway in experimental and idiopathic pulmonary fibrosis. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1946-1956.	1.5	51
63	Review: Frontiers of Antifibrotic Therapy in Systemic Sclerosis. <i>Arthritis and Rheumatology</i> , 2017, 69, 257-267.	2.9	62
64	The Mighty Fibroblast and Its Utility in Scleroderma Research. <i>Journal of Scleroderma and Related Disorders</i> , 2017, 2, 100-107.	1.0	57
65	Optimization of a murine and human tissue model to recapitulate dermal and pulmonary features of systemic sclerosis. <i>PLoS ONE</i> , 2017, 12, e0179917.	1.1	16
66	Reduced microRNA-503 expression augments lung fibroblast VEGF production in chronic obstructive pulmonary disease. <i>PLoS ONE</i> , 2017, 12, e0184039.	1.1	16
67	Gender differences in systemic sclerosis: relationship to clinical features, serologic status and outcomes. <i>Journal of Scleroderma and Related Disorders</i> , 2016, 1, 204-212.	1.0	73
68	Netrin-1 Regulates Fibrocyte Accumulation in the Decellularized Fibrotic Sclerodermatous Lung Microenvironment and in Bleomycin-induced Pulmonary Fibrosis. <i>Arthritis and Rheumatology</i> , 2016, 68, 1251-1261.	2.9	51
69	miR-155 in the progression of lung fibrosis in systemic sclerosis. <i>Arthritis Research and Therapy</i> , 2016, 18, 155.	1.6	96
70	Endothelial Cells Expressing Endothelial and Mesenchymal Cell Gene Products in Lung Tissue From Patients With Systemic Sclerosis-associated Interstitial Lung Disease. <i>Arthritis and Rheumatology</i> , 2016, 68, 210-217.	2.9	91
71	Tenascin-C drives persistence of organ fibrosis. <i>Nature Communications</i> , 2016, 7, 11703.	5.8	204
72	Fibroblast Activation Protein (FAP) Accelerates Collagen Degradation and Clearance from Lungs in Mice. <i>Journal of Biological Chemistry</i> , 2016, 291, 8070-8089.	1.6	82

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73	Fibrogenic Lung Injury Induces Non-Cell-Autonomous Fibroblast Invasion. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 831-842.	1.4	27
74	Genetics of systemic sclerosis. <i>Current Opinion in Rheumatology</i> , 2015, 27, 521-529.	2.0	28
75	Anti-RNA Polymerase II Antibodies in a US Cohort of Systemic Sclerosis Patients: Comment on the Article by Hamaguchi et al. <i>Arthritis and Rheumatology</i> , 2015, 67, 2547-2548.	2.9	2
76	Induced pluripotent stem cells model personalized variations in liver disease resulting from antitrypsin deficiency. <i>Hepatology</i> , 2015, 62, 147-157.	3.6	77
77	An endostatin-derived peptide orally exerts anti-fibrotic activity in a murine pulmonary fibrosis model. <i>International Immunopharmacology</i> , 2015, 28, 1102-1105.	1.7	20
78	Peripheral blood cytokine and chemokine profiles in juvenile localized scleroderma: T-helper cell-associated cytokine profiles. <i>Seminars in Arthritis and Rheumatism</i> , 2015, 45, 284-293.	1.6	59
79	Sphingosine-1-phosphate lyase is an endogenous suppressor of pulmonary fibrosis: role of S1P signalling and autophagy. <i>Thorax</i> , 2015, 70, 1138-1148.	2.7	62
80	Mechanotransduction through YAP and TAZ drives fibroblast activation and fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 308, L344-L357.	1.3	570
81	IGFBP-5 Promotes Fibrosis Independently of Its Translocation to the Nucleus and Its Interaction with Nucleolin and IGF. <i>PLoS ONE</i> , 2015, 10, e0130546.	1.1	18
82	Fibroblasts that resist cigarette smoke-induced senescence acquire profibrotic phenotypes. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L364-L373.	1.3	34
83	Fibroblasts in fibrosis: novel roles and mediators. <i>Frontiers in Pharmacology</i> , 2014, 5, 123.	1.6	730
84	Update on scleroderma-associated interstitial lung disease. <i>Current Opinion in Rheumatology</i> , 2014, 26, 630-636.	2.0	20
85	Editorial: Molecular Insights Into Systemic Sclerosis-Associated Interstitial Lung Disease. <i>Arthritis and Rheumatology</i> , 2014, 66, 485-487.	2.9	6
86	Review: Interstitial Lung Disease Associated With Systemic Sclerosis and Idiopathic Pulmonary Fibrosis: How Similar and Distinct?. <i>Arthritis and Rheumatology</i> , 2014, 66, 1967-1978.	2.9	162
87	A central role for G9a and EZH2 in the epigenetic silencing of cyclooxygenase-2 in idiopathic pulmonary fibrosis. <i>FASEB Journal</i> , 2014, 28, 3183-3196.	0.2	87
88	The Membrane-Associated Adaptor Protein DOK5 Is Upregulated in Systemic Sclerosis and Associated with IGFBP-5-Induced Fibrosis. <i>PLoS ONE</i> , 2014, 9, e87754.	1.1	31
89	Transcriptome Analysis Reveals Differential Splicing Events in IPF Lung Tissue. <i>PLoS ONE</i> , 2014, 9, e92111.	1.1	73
90	Estradiol promotes the development of a fibrotic phenotype and is increased in the serum of patients with systemic sclerosis. <i>Arthritis Research and Therapy</i> , 2013, 15, R10.	1.6	34

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91	The K ⁺ Channel KCa3.1 as a Novel Target for Idiopathic Pulmonary Fibrosis. <i>PLoS ONE</i> , 2013, 8, e85244.	1.1	43
92	A Peptide Derived from Endostatin Ameliorates Organ Fibrosis. <i>Science Translational Medicine</i> , 2012, 4, 136ra71.	5.8	108
93	Localized expression of tenascin in systemic sclerosis-associated pulmonary fibrosis and its regulation by insulin-like growth factor binding protein 3. <i>Arthritis and Rheumatism</i> , 2012, 64, 272-280.	6.7	65
94	Lung tissues in patients with systemic sclerosis have gene expression patterns unique to pulmonary fibrosis and pulmonary hypertension. <i>Arthritis and Rheumatism</i> , 2011, 63, 783-794.	6.7	208
95	The Pro-Fibrotic Factor IGFBP-5 Induces Lung Fibroblast and Mononuclear Cell Migration. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009, 41, 179-188.	1.4	53
96	The Fibrotic Phenotype Induced by IGFBP-5 Is Regulated by MAPK Activation and Egr-1-Dependent and -Independent Mechanisms. <i>American Journal of Pathology</i> , 2009, 175, 605-615.	1.9	76
97	Insulin-Like Growth Factor-II Is Increased in Systemic Sclerosis-Associated Pulmonary Fibrosis and Contributes to the Fibrotic Process via Jun N-Terminal Kinase- and Phosphatidylinositol-3 Kinase-Dependent Pathways. <i>American Journal of Pathology</i> , 2008, 172, 1580-1590.	1.9	60
98	Human Skin Culture as an Ex Vivo Model for Assessing the Fibrotic Effects of Insulin-Like Growth Factor Binding Proteins. <i>Open Rheumatology Journal</i> , 2008, 2, 17-22.	0.1	63
99	Cellular and Humoral Autoreactivity in Idiopathic Pulmonary Fibrosis. <i>Journal of Immunology</i> , 2007, 179, 2592-2599.	0.4	150
100	Pulmonary involvement in systemic sclerosis: Associations with genetic, serologic, sociodemographic, and behavioral factors. <i>Arthritis and Rheumatism</i> , 2007, 57, 318-326.	6.7	161
101	Insulin-Like Growth Factor-Binding Protein-5 Induces Pulmonary Fibrosis and Triggers Mononuclear Cellular Infiltration. <i>American Journal of Pathology</i> , 2006, 169, 1633-1642.	1.9	92
102	Insulin-like growth factor binding protein 5 induces skin fibrosis: A novel murine model for dermal fibrosis. <i>Arthritis and Rheumatism</i> , 2006, 54, 3001-3010.	6.7	75
103	Insulin-Like Growth Factor Binding Proteins 3 and 5 Are Overexpressed in Idiopathic Pulmonary Fibrosis and Contribute to Extracellular Matrix Deposition. <i>American Journal of Pathology</i> , 2005, 166, 399-407.	1.9	217
104	Analysis of systemic sclerosis in twins reveals low concordance for disease and high concordance for the presence of antinuclear antibodies. <i>Arthritis and Rheumatism</i> , 2003, 48, 1956-1963.	6.7	262