

Michal Tomcik

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

98
papers

5,126
citations

25
h-index

71
g-index

145
ext. papers

7,793
ext. citations

3.6
avg, IF

6.43
L-index

#	Paper	IF	Citations
98	Plasma Hsp90 levels in patients with systemic sclerosis and relation to lung and skin involvement: a cross-sectional and longitudinal study. <i>Scientific Reports</i> , 2021 , 11, 1	4.9	2785
97	Update of EULAR recommendations for the treatment of systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2017 , 76, 1327-1339	2.4	497
96	Orphan nuclear receptor NR4A1 regulates transforming growth factor- β signaling and fibrosis. <i>Nature Medicine</i> , 2015 , 21, 150-8	50.5	195
95	Hedgehog signaling controls fibroblast activation and tissue fibrosis in systemic sclerosis. <i>Arthritis and Rheumatism</i> , 2012 , 64, 2724-33		110
94	Notch signalling regulates fibroblast activation and collagen release in systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, 1304-10	2.4	97
93	Sirt1 regulates canonical TGF- β signalling to control fibroblast activation and tissue fibrosis. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 226-33	2.4	94
92	Inhibition of Notch signaling prevents experimental fibrosis and induces regression of established fibrosis. <i>Arthritis and Rheumatism</i> , 2011 , 63, 1396-404		92
91	JAK-2 as a novel mediator of the profibrotic effects of transforming growth factor β in systemic sclerosis. <i>Arthritis and Rheumatism</i> , 2012 , 64, 3006-15		89
90	Vitamin D receptor regulates TGF- β signalling in systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, e20	2.4	87
89	The identification and management of interstitial lung disease in systemic sclerosis: evidence-based European consensus statements. <i>Lancet Rheumatology, The</i> , 2020 , 2, e71-e83	14.2	82
88	Inhibition of activator protein 1 signaling abrogates transforming growth factor β mediated activation of fibroblasts and prevents experimental fibrosis. <i>Arthritis and Rheumatism</i> , 2012 , 64, 1642-52		65
87	Stimulation of soluble guanylate cyclase reduces experimental dermal fibrosis. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, 1019-26	2.4	65
86	Inactivation of the transcription factor STAT-4 prevents inflammation-driven fibrosis in animal models of systemic sclerosis. <i>Arthritis and Rheumatism</i> , 2011 , 63, 800-9		63
85	Inhibition of hedgehog signalling prevents experimental fibrosis and induces regression of established fibrosis. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, 785-9	2.4	63
84	Heat shock protein 90 (Hsp90) inhibition targets canonical TGF- β signalling to prevent fibrosis. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, 1215-22	2.4	60
83	A synthetic PPAR- β agonist triterpenoid ameliorates experimental fibrosis: PPAR- β independent suppression of fibrotic responses. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, 446-54	2.4	54
82	Inactivation of the cannabinoid receptor CB1 prevents leukocyte infiltration and experimental fibrosis. <i>Arthritis and Rheumatism</i> , 2010 , 62, 3467-76		51

81	Inhibition of hedgehog signaling for the treatment of murine sclerodermatous chronic graft-versus-host disease. <i>Blood</i> , 2012 , 120, 2909-17	2.2	49
80	Jun N-terminal kinase as a potential molecular target for prevention and treatment of dermal fibrosis. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, 737-45	2.4	46
79	The metastasis-associated protein S100A4 promotes the inflammatory response of mononuclear cells via the TLR4 signalling pathway in rheumatoid arthritis. <i>Rheumatology</i> , 2014 , 53, 1520-6	3.9	45
78	The transcription factor JunD mediates transforming growth factor {beta}-induced fibroblast activation and fibrosis in systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, 1320-6	2.4	45
77	S100A4 amplifies TGF- β -induced fibroblast activation in systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 1748-55	2.4	34
76	The metastasis promoting protein S100A4 is increased in idiopathic inflammatory myopathies. <i>Rheumatology</i> , 2011 , 50, 1766-72	3.9	33
75	Critical role of the adhesion receptor DNAX accessory molecule-1 (DNAM-1) in the development of inflammation-driven dermal fibrosis in a mouse model of systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, 1089-98	2.4	30
74	Pomalidomide is effective for prevention and treatment of experimental skin fibrosis. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, 1895-9	2.4	27
73	Adiponectin relation to skin changes and dyslipidemia in systemic sclerosis. <i>Cytokine</i> , 2012 , 58, 165-8	4	25
72	Combined inhibition of c-Abl and PDGF receptors for prevention and treatment of murine sclerodermatous chronic graft-versus-host disease. <i>American Journal of Pathology</i> , 2012 , 181, 1672-80	5.8	25
71	Tribbles homologue 3 stimulates canonical TGF- β signalling to regulate fibroblast activation and tissue fibrosis. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 609-16	2.4	24
70	Composition of TWIST1 dimers regulates fibroblast activation and tissue fibrosis. <i>Annals of the Rheumatic Diseases</i> , 2017 , 76, 244-251	2.4	22
69	Novel dysfunctional variant in ABCG2 as a cause of severe tophaceous gout: biochemical, molecular genetics and functional analysis. <i>Rheumatology</i> , 2016 , 55, 191-4	3.9	19
68	Inhibition of Notch1 promotes hedgehog signalling in a HES1-dependent manner in chondrocytes and exacerbates experimental osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 2037-2044	2.4	16
67	Interleukin-35 is upregulated in systemic sclerosis and its serum levels are associated with early disease. <i>Rheumatology</i> , 2015 , 54, 2273-82	3.9	14
66	Pulmonary arterial hypertension associated with systemic sclerosis in the Czech Republic. <i>Clinical Rheumatology</i> , 2012 , 31, 557-61	3.9	12
65	Serum tenascin-C discriminates patients with active SLE from inactive patients and healthy controls and predicts the need to escalate immunosuppressive therapy: a cohort study. <i>Arthritis Research and Therapy</i> , 2015 , 17, 341	5.7	12
64	The nuclear receptor constitutive androstane receptor/NR1H3 enhances the profibrotic effects of transforming growth factor β and contributes to the development of experimental dermal fibrosis. <i>Arthritis and Rheumatology</i> , 2014 , 66, 3140-50	9.5	12

63	Alterations in activin A-myostatin-follistatin system associate with disease activity in inflammatory myopathies. <i>Rheumatology</i> , 2020 , 59, 2491-2501	3.9	9
62	Racial differences in systemic sclerosis disease presentation: a European Scleroderma Trials and Research group study. <i>Rheumatology</i> , 2020 , 59, 1684-1694	3.9	9
61	Cross-sectional study of patients with axial spondyloarthritis fulfilling imaging arm of ASAS classification criteria: baseline clinical characteristics and subset differences in a single-centre cohort. <i>BMJ Open</i> , 2019 , 9, e024713	3	7
60	Metabolites of type I, II, III, and IV collagen may serve as markers of disease activity in axial spondyloarthritis. <i>Scientific Reports</i> , 2019 , 9, 11218	4.9	7
59	Metabolites of C-reactive protein and vimentin are associated with disease activity of axial spondyloarthritis. <i>Clinical and Experimental Rheumatology</i> , 2019 , 37, 358-366	2.2	6
58	Inflammatory myopathy associated with statins: report of three cases. <i>Modern Rheumatology</i> , 2014 , 24, 366-71	3.3	5
57	THU0057 Inhibition of Heat Shock Protein 90 (Hsp90) Prevents Fibrosis by Targeting Canonical TGF- β Signaling. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, A183.1-A183	2.4	5
56	Incidence and risk factors for gangrene in patients with systemic sclerosis from the EUSTAR cohort. <i>Rheumatology</i> , 2020 , 59, 2016-2023	3.9	5
55	Serum visfatin levels in patients with axial spondyloarthritis and their relationship to disease activity and spinal radiographic damage: a cross-sectional study. <i>Rheumatology International</i> , 2019 , 39, 1037-1043	3.6	4
54	Diabetes mellitus and cardiovascular risk management in patients with rheumatoid arthritis: an international audit. <i>RMD Open</i> , 2021 , 7,	5.9	4
53	Atherosclerosis and Cardiovascular Risk in Systemic Sclerosis 2017 ,		3
52	Clusterin serum levels are elevated in patients with early rheumatoid arthritis and predict disease activity and treatment response. <i>Scientific Reports</i> , 2021 , 11, 11525	4.9	3
51	An international audit of the management of dyslipidaemia and hypertension in patients with rheumatoid arthritis-results from 19 countries. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2021 ,	6.4	3
50	Animal Models of Systemic Sclerosis 2017 ,		2
49	Chemokine and Cytokine Profiles in Patients with Hand Osteoarthritis. <i>Biomolecules</i> , 2020 , 11,	5.9	2
48	The effect of a 24-week training focused on activities of daily living, muscle strengthening, and stability in idiopathic inflammatory myopathies: a monocentric controlled study with follow-up. <i>Arthritis Research and Therapy</i> , 2021 , 23, 173	5.7	2
47	Altered dynamics of lipid metabolism in muscle cells from patients with idiopathic inflammatory myopathy is ameliorated by 6 months of training. <i>Journal of Physiology</i> , 2021 , 599, 207-229	3.9	2
46	Plasma heat shock protein 90 levels in patients with spondyloarthritis and their relation to structural changes: a cross-sectional study. <i>Biomarkers in Medicine</i> , 2021 , 15, 5-13	2.3	2

45	A3.10 Plasma levels of heat shock protein 90 correlate with disease activity, lung involvement and skin fibrosis in systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, A35.1-A35	2.4	1
44	A3.16 Serum S100A4 correlates with skin fibrosis, lung involvement and disease activity in systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, A48.1-A48	2.4	1
43	AB0203 S100A4 Serum Levels Correlate with Disease Activity, Skin Fibrosis and Lung Involvement in Systemic Sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, 871.1-871	2.4	1
42	SAT0324 SEXUAL HEALTH IN WOMEN AND MEN WITH SYSTEMIC SCLEROSIS: A CROSS-SECTIONAL STUDY. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 1107.2-1108	2.4	1
41	Inhibition of Hsp90 Counteracts the Established Experimental Dermal Fibrosis Induced by Bleomycin. <i>Biomedicines</i> , 2021 , 9,	4.8	1
40	S100A11 (calgizzarin) is released by circulating mononuclear cells and its elevated plasma levels distinguish systemic lupus erythematosus patients from healthy individuals. <i>Clinical and Experimental Rheumatology</i> , 2019 , 37, 338-339	2.2	1
39	Clusterin is upregulated in serum and muscle tissue in idiopathic inflammatory myopathies and associates with clinical disease activity and cytokine profile. <i>Clinical and Experimental Rheumatology</i> , 2021 , 39, 1021-1032	2.2	1
38	Role of Heat Shock Protein 90 in Autoimmune Inflammatory Rheumatic Diseases. <i>Heat Shock Proteins</i> , 2019 , 105-121	0.2	0
37	S100A4 is elevated in axial spondyloarthritis: a potential link to disease severity. <i>BMC Rheumatology</i> , 2020 , 4, 13	2.9	0
36	Hsp90 Levels in Idiopathic Inflammatory Myopathies and Their Association With Muscle Involvement and Disease Activity: A Cross-Sectional and Longitudinal Study.. <i>Frontiers in Immunology</i> , 2022 , 13, 811045	8.4	0
35	Elevated Tenascin-C Serum Levels in Patients With Axial Spondyloarthritis. <i>Physiological Research</i> , 2020 , 69, 653-660	2.1	0
34	IL-40: A New B Cell-Associated Cytokine Up-Regulated in Rheumatoid Arthritis Decreases Following the Rituximab Therapy and Correlates With Disease Activity, Autoantibodies, and NETosis. <i>Frontiers in Immunology</i> , 2021 , 12, 745523	8.4	0
33	Sexual function in patients with idiopathic inflammatory myopathies: a cross-sectional study. <i>Rheumatology</i> , 2021 , 60, 5060-5072	3.9	0
32	A2.5 Novel dysfunctional variant in ABCG2 gene is a cause of primary hyperuricemia and gout: biochemical, molecular genetic and functional analysis. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, A17.2-A17	2.4	1
31	AB0632 Association between Interstitial Pulmonary Involvement and Microvaculature Changes in Systemic Sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 1120.3-1120	2.4	
30	FRI0435 Interleukin-35 is Overexpressed in Systemic Sclerosis and its Serum Levels are Elevated in Early Disease. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 584.3-585	2.4	
29	SAT0456 Heat Shock Protein 90 Plasma Levels Correlate with Disease Activity, Lung Involvement and Skin Fibrosis in Systemic Sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 825.3-826	2.4	
28	AB0723 Correlations Between Angiogenic Factors Microvaculature Changes in Systemic Sclerosis □ Data From a Single Center Registry. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 1140.1-1140	2.4	

27	FRI0433 Nuclear Receptor NR4A1 as a Checkpoint of Physiological Wound Healing and Fibrosis. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 584.1-584	2.4
26	A8.3 Deficit of S100A4 Prevents Joint Destruction and Systemic Bone Loss in hTNFtg Mouse Model. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, A58.1-A58	2.4
25	THU0114 The Loss of S100A4 Prevents Joint Destruction and Systemic Bone Loss in hTNFtg Mouse Model. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, A201.1-A201	2.4
24	SAT0025 Antifibrotic effects of imatinib mesylate are not superior to selective inhibition of PDGFR by ARRY-768 in preclinical models of dermal fibrosis. <i>Annals of the Rheumatic Diseases</i> , 2013 , 71, 479.2-479	2.4
23	OP0227 Critical Role of the Adhesion Receptor DNAX Accessory Molecule-1 (DNAM-1) in the Development of Inflammation-Driven Dermal Fibrosis in Mouse Model of Systemic Sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, A129.1-A129	2.4
22	OP0016 Tribbles homolog 3 mediates the stimulatory effects of tgf-beta on fibroblast activation and dermal fibrosis in systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2013 , 71, 57.3-58	2.4
21	THU0055 The Nuclear Receptor Vitamin D Receptor Regulates TGF- β Signaling and Fibroblast Activation in Systemic Sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, A182.2-A182	2.4
20	Inflammatory myopathy associated with statins: report of three cases. <i>Modern Rheumatology</i> , 2012 , 1	3.3
19	Cardiovascular risk in patients with rheumatic disease and its management. <i>Vnitřní Lekarství</i> , 2018 , 64, 51-59	0.3
18	THU0365 INCREASED HSP90 IN MUSCLE TISSUE AND PLASMA ASSOCIATES WITH DISEASE ACTIVITY AND SKELETAL MUSCLE INVOLVEMENT IN PATIENTS WITH IDIOPATHIC INFLAMMATORY MYOPATHIES. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 414.1-414	2.4
17	FRI0255 BODY COMPOSITION IN SCLERODERMA PATIENTS IS ASSOCIATED WITH DISEASE ACTIVITY, SERUM LEVELS OF INFLAMMATORY CYTOKINES AND PARAMETERS OF NUTRITION AND LIPID METABOLISM. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 711.3-712	2.4
16	OP0135 INHIBITION OF HSP90 REDUCES PROGRESSION OF DERMAL FIBROSIS AND INDUCES REGRESSION OF ESTABLISHED EXPERIMENTAL DERMAL FIBROSIS INDUCED BY BLEOMYCIN. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 87-88	2.4
15	SAT0627-HPR SEXUAL QUALITY OF LIFE IN 39 FEMALE PATIENTS WITH IDIOPATHIC INFLAMMATORY MYOPATHIES. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 1273.2-1274	2.4
14	OP0136 THE INFLUENCE OF LONG-TERM EXERCISE AND IN VITRO EXERCISE-MIMICKING STIMULATION ON THE PRODUCTION OF MYOKINES AND CYTOKINES IN MYOTUBES OF PATIENTS WITH CHRONIC IDIOPATHIC INFLAMMATORY MYOPATHIES. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 88.2-88	2.4
13	OP0138 CLUSTERIN ASSOCIATES WITH DISEASE MECHANISMS AND INFLAMMATION IN MYOSITIS PATIENTS. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 89.2-89	2.4
12	THU0358 NEGATIVE CHANGES OF BODY COMPOSITION IN MYOSITIS PATIENTS AND THEIR ASSOCIATION WITH DISEASE SPECIFIC CHARACTERISTICS, PHYSICAL ACTIVITY AND NUTRITIONAL STATUS.. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 410.3-410	2.4
11	FRI0262 INCREASED PLASMA LEVELS OF HSP90 ARE ASSOCIATED WITH MORE SEVERE LUNG AND SKIN INVOLVEMENT IN PATIENTS WITH SYSTEMIC SCLEROSIS. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 715-716	2.4
10	AB0410 S100A4 PLASMA LEVELS CORRELATE WITH DISEASE ACTIVITY, SKIN FIBROSIS AND INTERSTITIAL LUNG DISEASE IN SYSTEMIC SCLEROSIS PATIENTS. <i>Annals of the Rheumatic Diseases</i> , 2021 , 80, 1233.2-1233	2.4

- 9 AB0412 LIPID PROFILE IN IIM PATIENTS AND ITS ASSOCIATION WITH DISEASE ACTIVITY, DURATION, AND GLUCOCORTICOID TREATMENT. *Annals of the Rheumatic Diseases*, **2021**, 80, 1234.1-1234^{2,4}
- 8 POS0849 SEXUAL FUNCTION IS IMPAIRED IN WOMEN WITH IDIOPATHIC INFLAMMATORY MYOPATHIES COMPARED TO HEALTHY CONTROLS. *Annals of the Rheumatic Diseases*, **2021**, 80, 678.2-679^{2,4}
- 7 OP0245 ANTI-S100A4 MONOCLONAL ANTIBODY TREATMENT AMELIORATES SKIN FIBROSIS IN INFLAMMATORY AND NON-INFLAMMATORY PRE-CLINICAL MODELS OF SYSTEMIC SCLEROSIS. *Annals of the Rheumatic Diseases*, **2021**, 80, 150.1-150 2.4
- 6 POS0846 SEXUAL FUNCTION IS IMPAIRED IN WOMEN WITH SYSTEMIC SCLEROSIS COMPARED TO HEALTHY CONTROLS. *Annals of the Rheumatic Diseases*, **2021**, 80, 677.1-677 2.4
- 5 Reports from the 2015 American College of Rheumatology Congress. *Journal of Scleroderma and Related Disorders*, **2016**, 1, 16-20 2.3
- 4 A9.02 Heat shock protein 90 plasma levels correlate with disease activity, skeletal muscle, lung and heart involvement in idiopathic inflammatory myopathies. *Annals of the Rheumatic Diseases*, **2016**, 75, A70.2-A71 2.4
- 3 OP0047 Expression of Heat Shock Protein 90 in Muscle Tissue and Plasma Is Increased in Idiopathic Inflammatory Myopathies and Correlates with Disease Activity, Skeletal Muscle, Heart and Lung Involvement. *Annals of the Rheumatic Diseases*, **2016**, 75, 72.2-72 2.4
- 2 MyomiRs in cultured muscle cells from patients with idiopathic inflammatory myopathy are modulated by disease but not by 6-month exercise training. *Clinical and Experimental Rheumatology*, **2022**, 40, 346-357 2.2
- 1 MyomiRs in cultured muscle cells from patients with idiopathic inflammatory myopathy are modulated by disease but not by 6-month exercise training.. *Clinical and Experimental Rheumatology*, **2022**, 40, 346-357 2.2