

Michal Tomcik

List of Publications by Year in Descending Order

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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	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
97	MyomiRs in cultured muscle cells from patients with idiopathic inflammatory myopathy are modulated by disease but not by 6-month exercise training. <i>Clinical and Experimental Rheumatology</i> , 2022 , 40, 346-357	2.2	
96	MyomiRs in cultured muscle cells from patients with idiopathic inflammatory myopathy are modulated by disease but not by 6-month exercise training.. <i>Clinical and Experimental Rheumatology</i> , 2022 , 40, 346-357	2.2	
95	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
94	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	
93	Sexual function in patients with idiopathic inflammatory myopathies: a cross-sectional study. <i>Rheumatology</i> , 2021 , 60, 5060-5072	3.9	0
92	AB0412 LIPID PROFILE IN IIM PATIENTS AND ITS ASSOCIATION WITH DISEASE ACTIVITY, DURATION, AND GLUCOCORTICOID TREATMENT. <i>Annals of the Rheumatic Diseases</i> , 2021 , 80, 1234.1-1234	2.4	
91	POS0849 SEXUAL FUNCTION IS IMPAIRED IN WOMEN WITH IDIOPATHIC INFLAMMATORY MYOPATHIES COMPARED TO HEALTHY CONTROLS. <i>Annals of the Rheumatic Diseases</i> , 2021 , 80, 678.2-679	2.4	
90	OP0245 ANTI-S100A4 MONOCLONAL ANTIBODY TREATMENT AMELIORATES SKIN FIBROSIS IN INFLAMMATORY AND NON-INFLAMMATORY PRE-CLINICAL MODELS OF SYSTEMIC SCLEROSIS. <i>Annals of the Rheumatic Diseases</i> , 2021 , 80, 150.1-150	2.4	
89	POS0846 SEXUAL FUNCTION IS IMPAIRED IN WOMEN WITH SYSTEMIC SCLEROSIS COMPARED TO HEALTHY CONTROLS. <i>Annals of the Rheumatic Diseases</i> , 2021 , 80, 677.1-677	2.4	
88	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
87	Inhibition of Hsp90 Counteracts the Established Experimental Dermal Fibrosis Induced by Bleomycin. <i>Biomedicines</i> , 2021 , 9,	4.8	1
86	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
85	Diabetes mellitus and cardiovascular risk management in patients with rheumatoid arthritis: an international audit. <i>RMD Open</i> , 2021 , 7,	5.9	4
84	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
83	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
82	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

81	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
80	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
79	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
78	Alterations in activin A-myostatin-follistatin system associate with disease activity in inflammatory myopathies. <i>Rheumatology</i> , 2020 , 59, 2491-2501	3.9	9
77	S100A4 is elevated in axial spondyloarthritis: a potential link to disease severity. <i>BMC Rheumatology</i> , 2020 , 4, 13	2.9	0
76	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
75	Elevated Tenascin-C Serum Levels in Patients With Axial Spondyloarthritis. <i>Physiological Research</i> , 2020 , 69, 653-660	2.1	0
74	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	
73	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	
72	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	
71	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	
70	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	
69	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	
68	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	
67	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	
66	Chemokine and Cytokine Profiles in Patients with Hand Osteoarthritis. <i>Biomolecules</i> , 2020 , 11,	5.9	2
65	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
64	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

63	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
62	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
61	Role of Heat Shock Protein 90 in Autoimmune Inflammatory Rheumatic Diseases. <i>Heat Shock Proteins</i> , 2019 , 105-121	0.2	0
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	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
58	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
57	Cardiovascular risk in patients with rheumatic disease and its management. <i>Vnitřní Lekarství</i> , 2018 , 64, 51-59	0.3	
56	Composition of TWIST1 dimers regulates fibroblast activation and tissue fibrosis. <i>Annals of the Rheumatic Diseases</i> , 2017 , 76, 244-251	2.4	22
55	Update of EULAR recommendations for the treatment of systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2017 , 76, 1327-1339	2.4	497
54	Atherosclerosis and Cardiovascular Risk in Systemic Sclerosis 2017 ,		3
53	Animal Models of Systemic Sclerosis 2017 ,		2
52	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
51	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
50	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	
49	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
48	Reports from the 2015 American College of Rheumatology Congress. <i>Journal of Scleroderma and Related Disorders</i> , 2016 , 1, 16-20	2.3	
47	A9.02 Heat shock protein 90 plasma levels correlate with disease activity, skeletal muscle, lung and heart involvement in idiopathic inflammatory myopathies. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, A70.2-A71	2.4	
46	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. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 72.2-72	2.4	

45	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
44	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
43	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
42	S100A4 amplifies TGF- β -induced fibroblast activation in systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 1748-55	2.4	34
41	Vitamin D receptor regulates TGF- β signalling in systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, e20	2.4	87
40	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
39	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	
38	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
37	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	
36	AB0723 Correlations Between Angiogenic Factors Microvaculature Changes in Systemic Sclerosis \square Data From a Single Center Registry. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 1140.1-1140	2.4	
35	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	
34	Orphan nuclear receptor NR4A1 regulates transforming growth factor- β signaling and fibrosis. <i>Nature Medicine</i> , 2015 , 21, 150-8	50.5	195
33	Inflammatory myopathy associated with statins: report of three cases. <i>Modern Rheumatology</i> , 2014 , 24, 366-71	3.3	5
32	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
31	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
30	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
29	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
28	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

27	The nuclear receptor constitutive androstane receptor/NR1I3 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
26	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
25	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	
24	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	
23	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
22	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	5
21	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	
20	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	
19	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	
18	Pulmonary arterial hypertension associated with systemic sclerosis in the Czech Republic. <i>Clinical Rheumatology</i> , 2012 , 31, 557-61	3.9	12
17	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
16	Adiponectin relation to skin changes and dyslipidemia in systemic sclerosis. <i>Cytokine</i> , 2012 , 58, 165-8	4	25
15	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
14	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
13	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
12	Hedgehog signaling controls fibroblast activation and tissue fibrosis in systemic sclerosis. <i>Arthritis and Rheumatism</i> , 2012 , 64, 2724-33		110
11	Inflammatory myopathy associated with statins: report of three cases. <i>Modern Rheumatology</i> , 2012 , 1	3.3	
10	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

9	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
8	Stimulation of soluble guanylate cyclase reduces experimental dermal fibrosis. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, 1019-26	2.4	65
7	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
6	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
5	Inhibition of Notch signaling prevents experimental fibrosis and induces regression of established fibrosis. <i>Arthritis and Rheumatism</i> , 2011 , 63, 1396-404		92
4	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
3	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
2	The metastasis promoting protein S100A4 is increased in idiopathic inflammatory myopathies. <i>Rheumatology</i> , 2011 , 50, 1766-72	3.9	33
1	Inactivation of the cannabinoid receptor CB1 prevents leukocyte infiltration and experimental fibrosis. <i>Arthritis and Rheumatism</i> , 2010 , 62, 3467-76		51