

Elena Tchetina

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

5,689
citations

567281

15
h-index

677142

22
g-index

29
all docs

29
docs citations

29
times ranked

15287
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Increased type II collagen degradation and very early focal cartilage degeneration is associated with upregulation of chondrocyte differentiation related genes in early human articular cartilage lesions. <i>Journal of Rheumatology</i> , 2005, 32, 876-86.	2.0	157
3	Developmental Mechanisms in Articular Cartilage Degradation in Osteoarthritis. <i>Arthritis</i> , 2011, 2011, 1-16.	2.0	116
4	Proteolysis Involving Matrix Metalloproteinase 13 (Collagenase-3) Is Required for Chondrocyte Differentiation That Is Associated with Matrix Mineralization. <i>Journal of Bone and Mineral Research</i> , 2002, 17, 639-651.	2.8	104
5	Proteolysis of the collagen fibril in osteoarthritis. <i>Biochemical Society Symposia</i> , 2003, 70, 115-123.	2.7	88
6	The Assembly and Remodeling of the Extracellular Matrix in the Growth Plate in Relationship to Mineral Deposition and Cellular Hypertrophy: An In Situ Study of Collagens II and IX and Proteoglycan. <i>Journal of Bone and Mineral Research</i> , 2002, 17, 275-283.	2.8	87
7	Chondrocyte hypertrophy can be induced by a cryptic sequence of type II collagen and is accompanied by the induction of MMP-13 and collagenase activity: Implications for development and arthritis. <i>Matrix Biology</i> , 2007, 26, 247-258.	3.6	82
8	Transforming Growth Factor- β 2 Suppresses Collagen Cleavage in Cultured Human Osteoarthritic Cartilage, Reduces Expression of Genes Associated with Chondrocyte Hypertrophy and Degradation, and Increases Prostaglandin E2 Production. <i>American Journal of Pathology</i> , 2006, 168, 131-140.	3.8	69
9	Prostaglandin PGE2 at very low concentrations suppresses collagen cleavage in cultured human osteoarthritic articular cartilage: this involves a decrease in expression of proinflammatory genes, collagenases and COL10A1, a gene linked to chondrocyte hypertrophy. <i>Arthritis Research and Therapy</i> , 2007, 9, R75.	3.5	62
10	Peptides of type II collagen can induce the cleavage of type II collagen and aggrecan in articular cartilage. <i>Matrix Biology</i> , 2006, 25, 419-429.	3.6	51
11	Differences in Mammalian Target of Rapamycin Gene Expression in the Peripheral Blood and Articular Cartilages of Osteoarthritic Patients and Disease Activity. <i>Arthritis</i> , 2013, 2013, 1-14.	2.0	44
12	Regulation of energy metabolism in the growth plate and osteoarthritic chondrocytes. <i>Rheumatology International</i> , 2018, 38, 1963-1974.	3.0	25
13	Cartilage Matrix Resorption in Skeletogenesis. <i>Novartis Foundation Symposium</i> , 2008, 232, 158-170.	1.1	22
14	Deferoxamine Suppresses Collagen Cleavage and Protease, Cytokine, and COL10A1 Expression and Upregulates AMPK and Krebs Cycle Genes in Human Osteoarthritic Cartilage. <i>International Journal of Rheumatology</i> , 2016, 2016, 1-14.	1.6	21
15	Rheumatoid Factor Positivity Is Associated with Increased Joint Destruction and Upregulation of Matrix Metalloproteinase 9 and Cathepsin K Gene Expression in the Peripheral Blood in Rheumatoid Arthritic Patients Treated with Methotrexate. <i>International Journal of Rheumatology</i> , 2013, 2013, 1-10.	1.6	18
16	Insulin Resistance in Osteoarthritis: Similar Mechanisms to Type 2 Diabetes Mellitus. <i>Journal of Nutrition and Metabolism</i> , 2020, 2020, 1-16.	1.8	17
17	Increased baseline RUNX2, caspase 3 and p21 gene expressions in the peripheral blood of disease-modifying anti-rheumatic drug-naïve rheumatoid arthritis patients are associated with improved clinical response to methotrexate therapy. <i>International Journal of Rheumatic Diseases</i> . 2017, 20, 1468-1480.	1.9	9
18	Development of Postoperative Pain in Patients with End-Stage Knee Osteoarthritis Is Associated with Upregulation of Genes Related to Extracellular Matrix Degradation, Inflammation, and Apoptosis Measured in the Peripheral Blood before Knee Surgery. <i>Life</i> , 2020, 10, 224.	2.4	7

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19	Putative Association between Low Baseline Gene Expression in the Peripheral Blood and Clinical Remission in Rheumatoid Arthritis Patients Treated with Tofacitinib. <i>Life</i> , 2021, 11, 1385.	2.4	4
20	Downregulation of Tumour Necrosis Factor α Gene Expression in Peripheral Blood Mononuclear Cells Cultured in the Presence of Tofacitinib Prior to Therapy Is Associated with Clinical Remission in Patients with Rheumatoid Arthritis. <i>Current Issues in Molecular Biology</i> , 2022, 44, 1941-1949.	2.4	2
21	Prediction of the development of postoperative pain in patients with late-stage knee osteoarthritis based on the expression of genes for degradation of the extracellular matrix, inflammation and apoptosis in the blood. <i>Sovremennaya Revmatologiya</i> , 2022, 16, 42-49.	0.5	2
22	The expression of interferon-stimulated genes (interferon α "signature") in patients with rheumatoid arthritis (Preliminary results). <i>Nauchno-Prakticheskaya Revmatologiya</i> , 2021, 58, 673-677.	1.0	1
23	Single Nucleotide Polymorphism T(861-20)C in TGFbeta1 Gene Affects its Expression in Peripheral Blood Mononuclear Cells in Russian Postmenopausal Women. <i>Bone</i> , 2008, 43, S45.	2.9	0
24	Prospects for use of platelet-rich plasma in the treatment of rheumatoid arthritis. <i>Sovremennaya Revmatologiya</i> , 2021, 15, 87-93.	0.5	0
25	Association between a low baseline level of gene expression of energy metabolism in the blood and the development of clinical remission in response to tofacitinib therapy in patients with rheumatoid arthritis. <i>Sovremennaya Revmatologiya</i> , 2021, 15, 20-26.	0.5	0
26	Molecular basis for new approaches to therapy of osteoarthritis (part I). <i>Sovremennaya Revmatologiya</i> , 2021, 15, 7-12.	0.5	0
27	Expression of interferon-stimulated genes in patients with rheumatoid arthritis on anti-B-cell therapy (preliminary results). <i>Sovremennaya Revmatologiya</i> , 2021, 15, 12-17.	0.5	0
28	Current and future trends in Russian Rheumatology Care and Research. <i>Mediterranean Journal of Rheumatology</i> , 2017, 28, 201-206.	0.8	0
29	Predicting the effectiveness of methotrexate therapy based on basal expression of the AMP-activated protein kinase gene in the blood of patients with rheumatoid arthritis. <i>Sovremennaya Revmatologiya</i> , 2022, 16, 46-51.	0.5	0