

# Natasa Kovacic

## List of Publications by Year in descending order

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54  
papers

1,341  
citations

430874

18  
h-index

361022

35  
g-index

54  
all docs

54  
docs citations

54  
times ranked

2038  
citing authors

#	ARTICLE	IF	CITATIONS
1	Osteoclasts control reactivation of dormant myeloma cells by remodelling the endosteal niche. <i>Nature Communications</i> , 2015, 6, 8983.	12.8	296
2	The Fas/Fas Ligand System Inhibits Differentiation of Murine Osteoblasts but Has a Limited Role in Osteoblast and Osteoclast Apoptosis. <i>Journal of Immunology</i> , 2007, 178, 3379-3389.	0.8	178
3	A niche-dependent myeloid transcriptome signature defines dormant myeloma cells. <i>Blood</i> , 2019, 134, 30-43.	1.4	99
4	Peripheral Blood Expression Profiles of Bone Morphogenetic Proteins, Tumor Necrosis Factor-superfamily Molecules, and Transcription Factor Runx2 Could Be Used as Markers of the Form of Arthritis, Disease Activity, and Therapeutic Responsiveness. <i>Journal of Rheumatology</i> , 2010, 37, 246-256.	2.0	55
5	Chemokine signals are crucial for enhanced homing and differentiation of circulating osteoclast progenitor cells. <i>Arthritis Research and Therapy</i> , 2017, 19, 142.	3.5	54
6	Induction of osteoclast progenitors in inflammatory conditions: key to bone destruction in arthritis. <i>International Orthopaedics</i> , 2014, 38, 1893-1903.	1.9	48
7	The presence of high mobility group box-1 and soluble receptor for advanced glycation end-products in juvenile idiopathic arthritis and juvenile systemic lupus erythematosus. <i>Pediatric Rheumatology</i> , 2014, 12, 50.	2.1	42
8	Calculating Impact Factor: How Bibliographical Classification of Journal Items Affects the Impact Factor of Large and Small Journals. <i>Science and Engineering Ethics</i> , 2008, 14, 41-49.	2.9	41
9	The Long Pentraxin 3 Plays a Role in Bone Turnover and Repair. <i>Frontiers in Immunology</i> , 2018, 9, 417.	4.8	41
10	Increased Bone Mass Is a Part of the Generalized Lymphoproliferative Disorder Phenotype in the Mouse. <i>Journal of Immunology</i> , 2003, 170, 1540-1547.	0.8	40
11	Role of B Lymphocytes in New Bone Formation. <i>Laboratory Investigation</i> , 2000, 80, 1761-1774.	3.7	39
12	Fas receptor is required for estrogen deficiency-induced bone loss in mice. <i>Laboratory Investigation</i> , 2010, 90, 402-413.	3.7	30
13	Bone morphogenetic proteins and receptors are over-expressed in bone-marrow cells of multiple myeloma patients and support myeloma cells by inducing ID genes. <i>Leukemia Research</i> , 2010, 34, 742-751.	0.8	26
14	Increased bone resorption and osteopenia are a part of the lymphoproliferative phenotype of mice with systemic over-expression of interleukin-7 gene driven by MHC class II promoter. <i>Immunology Letters</i> , 2008, 121, 134-139.	2.5	24
15	What do we know about bone morphogenetic proteins and osteochondroprogenitors in inflammatory conditions?. <i>Bone</i> , 2020, 137, 115403.	2.9	23
16	Signaling Between Tumor Cells and the Host Bone Marrow Microenvironment. <i>Calcified Tissue International</i> , 2014, 94, 125-139.	3.1	22
17	Immunohistological and Flow Cytometric Analysis of Glycosphingolipid Expression in Mouse Lymphoid Tissues. <i>Journal of Histochemistry and Cytochemistry</i> , 2000, 48, 1677-1689.	2.5	21
18	RANK/RANKL/OPG Signaling in the Brain: A Systematic Review of the Literature. <i>Frontiers in Neurology</i> , 2020, 11, 590480.	2.4	21

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19	Notch receptors and ligands in inflammatory arthritis â€” a systematic review. <i>Immunology Letters</i> , 2020, 223, 106-114.	2.5	18
20	The anatomy lesson of the SARS-CoV-2 pandemic: irreplaceable tradition (cadaver work) and new didactics of digital technology. <i>Croatian Medical Journal</i> , 2021, 62, 173-186.	0.7	17
21	Association of systemic and intra-articular osteoclastogenic potential, pro-inflammatory mediators and disease activity with the form of inflammatory arthritis. <i>International Orthopaedics</i> , 2014, 38, 183-192.	1.9	16
22	Expression of glycosphingolipids in lymph nodes of mice lacking TNF receptor 1: biochemical and flow cytometry analysis. <i>Carbohydrate Research</i> , 2004, 339, 77-86.	2.3	15
23	Targeting Fas in osteoresorptive disorders. <i>Expert Opinion on Therapeutic Targets</i> , 2010, 14, 1121-1134.	3.4	14
24	Expression of Endothelial Selectin Ligands on Human Leukocytes Following Dive. <i>Experimental Biology and Medicine</i> , 2008, 233, 1181-1188.	2.4	12
25	Which clinical variables have the most significant correlation with quality of life evaluated by SF-36 survey in Croatian cohort of patient with ankylosing spondylitis and psoriatic arthritis?. <i>Rheumatology International</i> , 2012, 32, 3471-3479.	3.0	12
26	Bone morphogenetic proteins regulate differentiation of human promyelocytic leukemia cells. <i>Leukemia Research</i> , 2013, 37, 705-712.	0.8	11
27	LPSâ€”induced inflammation desensitizes hepatocytes to Fasâ€”induced apoptosis through Stat3 activationâ€”The effect can be reversed by ruxolitinib. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 2981-2992.	3.6	11
28	Osteoblastogenesis from synovial fluid-derived cells is related to the type and severity of juvenile idiopathic arthritis. <i>Arthritis Research and Therapy</i> , 2012, 14, R139.	3.5	10
29	Melphalan modifies the bone microenvironment by enhancing osteoclast formation. <i>Oncotarget</i> , 2017, 8, 68047-68058.	1.8	10
30	What can be learned from impact factor of Croatian Medical Journal, 1994-2003?. <i>Croatian Medical Journal</i> , 2004, 45, 13-7.	0.7	10
31	Preventive CCL2/CCR2 Axis Blockade Suppresses Osteoclast Activity in a Mouse Model of Rheumatoid Arthritis by Reducing Homing of CCR2hi Osteoclast Progenitors to the Affected Bone. <i>Frontiers in Immunology</i> , 2021, 12, 767231.	4.8	9
32	Fas receptor induces apoptosis of synovial bone and cartilage progenitor populations and promotes bone loss in antigenâ€”induced arthritis. <i>FASEB Journal</i> , 2019, 33, 3330-3342.	0.5	8
33	Non-functional Fas ligand increases the formation of cartilage early in the endochondral bone induction by rhBMP-2. <i>Life Sciences</i> , 2003, 74, 13-28.	4.3	7
34	Citation Analysis of the Croatian Medical Journal: the First 15 Years. <i>Croatian Medical Journal</i> , 2008, 49, 12-17.	0.7	6
35	Damage-Associated Molecular Patterns â€” Emerging Targets for Biologic Therapy of Childhood Arthritides. <i>Inflammation and Allergy: Drug Targets</i> , 2009, 8, 139-145.	1.8	6
36	Positive Identification by a Skull with Multiple Epigenetic Traits and Abnormal Structure of the Neurocranium, Viscerocranium, and the Skeleton*. <i>Journal of Forensic Sciences</i> , 2011, 56, 788-793.	1.6	6

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37	Chemotactic and Immunoregulatory Properties of Bone Cells are Modulated by Endotoxin-Stimulated Lymphocytes. <i>Inflammation</i> , 2012, 35, 1618-1631.	3.8	5
38	Assessing glycemia in type 1 diabetic patients using a microdialysis system for continuous glucose monitoring. <i>Annals of Saudi Medicine</i> , 2007, 27, 166-170.	1.1	5
39	Shared circulation in parabiosis leads to the transfer of bone phenotype from gld to the wild-type mice. <i>Cellular Immunology</i> , 2005, 233, 133-139.	3.0	4
40	RNA sequencing data from osteochondroprogenitor populations in synovial joints of mice during murine model of rheumatoid arthritis. <i>Data in Brief</i> , 2020, 33, 106570.	1.0	4
41	Structural Changes in the Cortico-Ponto-Cerebellar Axis at Birth are Associated with Abnormal Neurological Outcomes in Childhood. <i>Clinical Neuroradiology</i> , 2021, 31, 1005-1020.	1.9	4
42	Inhibition of Notch Signaling Stimulates Osteoclastogenesis From the Common Trilineage Progenitor Under Inflammatory Conditions. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	4
43	Presenting randomised trial reports. <i>Lancet, The</i> , 1998, 351, 69.	13.7	3
44	Serum S100A12 levels in children with childhood-onset systemic lupus erythematosus, systemic juvenile arthritis, and systemic undefined recurrent fevers. <i>Zeitschrift Fur Rheumatologie</i> , 2021, , 1.	1.0	3
45	Understanding the role of Fas-Fas ligand system in bone. <i>Arthritis Research and Therapy</i> , 2012, 14, .	3.5	2
46	Diameters and bone thickness at the margin of the foramen magnum in dry skulls from pediatric population: a cross-sectional anatomical study. <i>Child's Nervous System</i> , 2017, 33, 819-823.	1.1	2
47	Combined manual and automated immunophenotypisation identified disease-specific peripheral blood immune subpopulations in rheumatoid arthritis, ankylosing spondylitis and psoriatic arthritis. <i>Clinical and Experimental Rheumatology</i> , 2020, 38, 903-916.	0.8	2
48	Tamoxifen Ameliorates Cholestatic Liver Fibrosis in Mice: Upregulation of TGF $\beta$ <sup>2</sup> and IL6 Is a Potential Protective Mechanism. <i>Biomedicines</i> , 2022, 10, 1209.	3.2	2
49	The Role of Sex Steroids in the Effects of Immune System on Bone. , 2016, , 215-239.		1
50	Elevated Concentrations of Soluble Fas and FasL in Multiple Sclerosis Patients with Antinuclear Antibodies. <i>Journal of Clinical Medicine</i> , 2020, 9, 3845.	2.4	1
51	NOTCH3 rs1043996 Polymorphism Is Associated with the Occurrence of Alcoholic Liver Cirrhosis Independently of PNPLA3 and TM6SF2 Polymorphisms. <i>Journal of Clinical Medicine</i> , 2021, 10, 4621.	2.4	1
52	Decreased plating efficiency, proliferation and osteogenic differentiation of synovial fluid mesenchymal progenitors as a marker of severity of juvenile idiopathic arthritis. <i>Arthritis Research and Therapy</i> , 2012, 14, .	3.5	0
53	Fas deficiency attenuates bone loss during antigen induced arthritis in mice. <i>Arthritis Research and Therapy</i> , 2012, 14, .	3.5	0
54	FasL (rs763110) gene polymorphism is not associated with susceptibility to rheumatoid arthritis in Croatian population. <i>Croatian Medical Journal</i> , 2020, 61, 547-555.	0.7	0