

Danka Grcevic

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

2,073
citations

257450

24
h-index

254184

43
g-index

82
all docs

82
docs citations

82
times ranked

2812
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vivo Fate Mapping Identifies Mesenchymal Progenitor Cells. <i>Stem Cells</i> , 2012, 30, 187-196.	3.2	212
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	Quiescent Bone Lining Cells Are a Major Source of Osteoblasts During Adulthood. <i>Stem Cells</i> , 2016, 34, 2930-2942.	3.2	142
4	Analysis of β -SMA-Labeled Progenitor Cell Commitment Identifies Notch Signaling as an Important Pathway in Fracture Healing. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 1283-1294.	2.8	133
5	The rational use of animal models in the evaluation of novel bone regenerative therapies. <i>Bone</i> , 2015, 70, 73-86.	2.9	111
6	Depletion of CD4 and CD8 T Lymphocytes in Mice In Vivo Enhances 1,25-Dihydroxyvitamin D ₃ -Stimulated Osteoclast-Like Cell Formation In Vitro by a Mechanism That Is Dependent on Prostaglandin Synthesis. <i>Journal of Immunology</i> , 2000, 165, 4231-4238.	0.8	88
7	Heterogeneity of murine periosteum progenitors involved in fracture healing. <i>ELife</i> , 2021, 10, .	6.0	56
8	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
9	Preosteocytes/Osteocytes Have the Potential to Dedifferentiate Becoming a Source of Osteoblasts. <i>PLoS ONE</i> , 2013, 8, e75204.	2.5	55
10	Immature Osteoblast Lineage Cells Increase Osteoclastogenesis in Osteogenesis Imperfecta Murine. <i>American Journal of Pathology</i> , 2010, 176, 2405-2413.	3.8	54
11	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
12	Induction of osteoclast progenitors in inflammatory conditions: key to bone destruction in arthritis. <i>International Orthopaedics</i> , 2014, 38, 1893-1903.	1.9	48
13	Genetic variability of new bone induction in mice. <i>Bone</i> , 1999, 25, 25-32.	2.9	43
14	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
15	The Long Pentraxin 3 Plays a Role in Bone Turnover and Repair. <i>Frontiers in Immunology</i> , 2018, 9, 417.	4.8	41
16	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
17	Osteogenic potential of alpha smooth muscle actin expressing muscle resident progenitor cells. <i>Bone</i> , 2016, 84, 69-77.	2.9	40
18	Role of B Lymphocytes in New Bone Formation. <i>Laboratory Investigation</i> , 2000, 80, 1761-1774.	3.7	39

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19	The surface antigen CD45R identifies a population of estrogen-regulated murine marrow cells that contain osteoclast precursors. <i>Bone</i> , 2003, 32, 581-590.	2.9	39
20	PDGF Modulates BMP2-induced Osteogenesis in Periosteal Progenitor Cells. <i>JBMR Plus</i> , 2019, 3, e10127.	2.7	36
21	Activated T lymphocytes suppress osteoclastogenesis by diverting early monocyte/macrophage progenitor lineage commitment towards dendritic cell differentiation through down-regulation of receptor activator of nuclear factor-kappaB and c-Fos. <i>Clinical and Experimental Immunology</i> , 2006, 146, 146-158.	2.6	34
22	Constitutively Elevated Blood Serotonin Is Associated with Bone Loss and Type 2 Diabetes in Rats. <i>PLoS ONE</i> , 2016, 11, e0150102.	2.5	32
23	Fas receptor is required for estrogen deficiency-induced bone loss in mice. <i>Laboratory Investigation</i> , 2010, 90, 402-413.	3.7	30
24	Cellular and molecular interactions between immune system and bone. <i>Croatian Medical Journal</i> , 2001, 42, 384-92.	0.7	28
25	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
26	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
27	Modulation of Notch1 signaling regulates bone fracture healing. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2350-2361.	2.3	24
28	Decreased Level of sRAGE in the Cerebrospinal Fluid of Multiple Sclerosis Patients at Clinical Onset. <i>NeuroImmunoModulation</i> , 2014, 21, 226-233.	1.8	23
29	What do we know about bone morphogenetic proteins and osteochondroprogenitors in inflammatory conditions?. <i>Bone</i> , 2020, 137, 115403.	2.9	23
30	The Long Pentraxin PTX3 in Bone Homeostasis and Pathology. <i>Frontiers in Immunology</i> , 2019, 10, 2628.	4.8	21
31	RANK/RANKL/OPG Signaling in the Brain: A Systematic Review of the Literature. <i>Frontiers in Neurology</i> , 2020, 11, 590480.	2.4	21
32	Splenomegaly, myeloid lineage expansion and increased osteoclastogenesis in osteogenesis imperfecta murine. <i>Bone</i> , 2017, 103, 1-11.	2.9	19
33	Alteration of newly induced endochondral bone formation in adult mice without tumour necrosis factor receptor 1. <i>Clinical and Experimental Immunology</i> , 2005, 139, 236-244.	2.6	18
34	Increased chemotaxis and activity of circulatory myeloid progenitor cells may contribute to enhanced osteoclastogenesis and bone loss in the C57BL/6 mouse model of collagen-induced arthritis. <i>Clinical and Experimental Immunology</i> , 2016, 186, 321-335.	2.6	18
35	Notch receptors and ligands in inflammatory arthritis – a systematic review. <i>Immunology Letters</i> , 2020, 223, 106-114.	2.5	18
36	Expression of bone morphogenetic proteins in acute promyelocytic leukemia before and after combined all trans-retinoic acid and cytotoxic treatment. <i>Leukemia Research</i> , 2003, 27, 731-738.	0.8	16

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37	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
38	Targeting Fas in osteoresorptive disorders. <i>Expert Opinion on Therapeutic Targets</i> , 2010, 14, 1121-1134.	3.4	14
39	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
40	RANKL/RANK/OPG Axis Is Deregulated in the Cerebrospinal Fluid of Multiple Sclerosis Patients at Clinical Onset. <i>NeuroImmunoModulation</i> , 2018, 25, 23-33.	1.8	12
41	Bone morphogenetic proteins regulate differentiation of human promyelocytic leukemia cells. <i>Leukemia Research</i> , 2013, 37, 705-712.	0.8	11
42	LPS-induced inflammation desensitizes hepatocytes to Fas-induced apoptosis through Stat3 activation. The effect can be reversed by ruxolitinib. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 2981-2992.	3.6	11
43	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
44	Levels of Selected Aqueous Humor Mediators (IL-10, IL-17, CCL2, VEGF, FasL) in Diabetic Cataract. <i>Ocular Immunology and Inflammation</i> , 2016, 24, 1-8.	1.8	10
45	Utilization of transgenic models in the evaluation of osteogenic differentiation of embryonic stem cells. <i>Connective Tissue Research</i> , 2013, 54, 297-305.	2.3	9
46	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
47	Acute hematopoietic stress in mice is followed by enhanced osteoclast maturation in the bone marrow microenvironment. <i>Experimental Hematology</i> , 2014, 42, 966-975.	0.4	8
48	Fas receptor induces apoptosis of synovial bone and cartilage progenitor populations and promotes bone loss in antigen-induced arthritis. <i>FASEB Journal</i> , 2019, 33, 3330-3342.	0.5	8
49	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
50	Damage-Associated Molecular Patterns – Emerging Targets for Biologic Therapy of Childhood Arthritides. <i>Inflammation and Allergy: Drug Targets</i> , 2009, 8, 139-145.	1.8	6
51	Interactions of B-lymphocytes and bone cells in health and disease. <i>Bone</i> , 2023, 168, 116296.	2.9	6
52	Chemotactic and Immunoregulatory Properties of Bone Cells are Modulated by Endotoxin-Stimulated Lymphocytes. <i>Inflammation</i> , 2012, 35, 1618-1631.	3.8	5
53	The impact of COVID-19 lockdowns for European (female) immunologists – our views as members of the EFIS gender and diversity task force. <i>European Journal of Immunology</i> , 2020, 50, 1855-1857.	2.9	5
54	Pre-treatment of transplant bone marrow cells with hydrocortisone and cyclosporin A alleviates graft-versus-host reaction in a murine allogeneic host-donor combination. <i>Bone Marrow Transplantation</i> , 1999, 23, 1145-1152.	2.4	4

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55	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
56	Notch affects the prodifferentiating effect of retinoic acid and PMA on leukemic cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2015, 87, 129-136.	1.5	4
57	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
58	Inhibition of Notch Signaling Stimulates Osteoclastogenesis From the Common Trilineage Progenitor Under Inflammatory Conditions. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	4
59	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
60	Understanding the role of Fas-Fas ligand system in bone. <i>Arthritis Research and Therapy</i> , 2012, 14, .	3.5	2
61	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
62	Tamoxifen Ameliorates Cholestatic Liver Fibrosis in Mice: Upregulation of TGF β 2 and IL6 Is a Potential Protective Mechanism. <i>Biomedicines</i> , 2022, 10, 1209.	3.2	2
63	The Role of Sex Steroids in the Effects of Immune System on Bone. , 2016, , 215-239.		1
64	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
65	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
66	Lipopolysaccharide induces increased bone resorption and homing of osteoclast progenitors to periosteal bone surface. <i>Bone</i> , 2009, 44, S329.	2.9	0
67	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
68	Fas deficiency attenuates bone loss during antigen induced arthritis in mice. <i>Arthritis Research and Therapy</i> , 2012, 14, .	3.5	0
69	SAT0068...Osteoclastogenic and osteoblastogenic potential of hematopoietic/stromal cells in collagen induced arthritis. <i>Annals of the Rheumatic Diseases</i> , 2013, 71, 493.1-493.	0.9	0
70	SAT0553...Correlation of the Frequency and Differentiation Potential of Osteoclast Progenitor Cells with Disease Activity and Response to Therapy in Patients with Rheumatoid Arthritis. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 791.1-791.	0.9	0
71	AB0064...Expression of Chemokines and Chemokine Receptors on Peripheral Blood Mononuclear Cells of Patients with Rheumatoid Arthritis. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 912.1-912.	0.9	0
72	AB0085...Osteoclast Progenitors Are Attracted by CCL2/CCR2 and CCL5/CCR5 Chemotactic Signals To The Sites of Osteitis Associated with Collagen Induced Arthritis. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 925.3-926.	0.9	0

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73	THU0011â€¦CD32+ B Lymphocytes and IL21R+ T Lymphocytes Are Associated with Disease Activity and Increased Levels of Proinflammatory Cytokines in Patients with Rheumatoid and Psoriatic Arthritis. Annals of the Rheumatic Diseases, 2016, 75, 181.1-181.	0.9	0
74	AB0026â€¦Chemokine signals are critical for homing and enhanced differentiation of circulating osteoclast progenitor cells. , 2017, , .		0
75	Croatian Immunological Society: Our half century. European Journal of Immunology, 2019, 49, 208-211.	2.9	0
76	FRI0372â€¦INCREASED EXPRESSION OF NOTCH RECEPTORS ON OSTEOCLAST PROGENITORS INDUCED BY RHEUMATOID ARTHRITIS. Annals of the Rheumatic Diseases, 2020, 79, 783.1-783.	0.9	0
77	FasL (rs763110) gene polymorphism is not associated with susceptibility to rheumatoid arthritis in Croatian population. Croatian Medical Journal, 2020, 61, 547-555.	0.7	0
78	B Cells in The Regulation of Bone Metabolism. , 2020, , 20-32.		0