Lovorka Grgurevic

List of Publications by Year
in descending order

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63 papers	2,294 citations	279798 23 h-index	214800 47 g-index
64 all docs	64 docs citations	64 times ranked	3117 citing authors

#	Article	IF	Citations
1	BMP3 Affects Cortical and Trabecular Long Bone Development in Mice. International Journal of Molecular Sciences, 2022, 23, 785.	4.1	7
2	Benign Fasciculation Syndrome and Migraine Aura without Headache: Possible Rare Side Effects of the BNT162b2 mRNA Vaccine? A Case Report and a Potential Hypothesis. Vaccines, 2022, 10, 117.	4.4	2
3	The Role of ADAMTS-4 in Atherosclerosis and Vessel Wall Abnormalities. Journal of Vascular Research, 2022, , 1-9.	1.4	12
4	First Characterization of ADAMTS-4 in Kidney Tissue and Plasma of Patients with Chronic Kidney Diseaseâ€"A Potential Novel Diagnostic Indicator. Diagnostics, 2022, 12, 648.	2.6	7
5	Heterotopic ossification vs. fracture healing: Extracellular vesicle cargo proteins shed new light on bone formation. Bone Reports, 2022, 16, 101177.	0.4	3
6	ADAMTSâ€4 as a possible distinguishing indicator between osteoarthritis and haemophilic arthropathy. Haemophilia, 2022, 28, 656-662.	2.1	2
7	Stage II of Chronic Kidney Diseaseâ€"A Tipping Point in Disease Progression?. Biomedicines, 2022, 10, 1522.	3.2	2
8	Plasma levels of soluble TGF Î² receptor type III: no apparent promise as a marker in acute pancreatitis. Croatian Medical Journal, 2021, 62, 264-269.	0.7	0
9	Post-COVID-19 exacerbation of fibrodysplasia ossificans progressiva with multiple flare-ups and extensive heterotopic ossification in a 45-year-old female patient. Rheumatology International, 2021, 41, 1495-1501.	3.0	8
10	Identification of bone morphogenetic protein 4 in the saliva after the placement of fixed orthodontic appliance. Progress in Orthodontics, 2021, 22, 19.	3.5	0
11	Autologous blood coagulum is a physiological carrier for BMP6 to induce new bone formation and promote posterolateral lumbar spine fusion in rabbits. Journal of Tissue Engineering and Regenerative Medicine, 2020, 14, 147-159.	2.7	25
12	A novel autologous bone graft substitute comprised of rhBMP6 blood coagulum as carrier tested in a randomized and controlled Phase I trial in patients with distal radial fractures. Bone, 2020, 140, 115551.	2.9	20
13	In Regard to Lee etÂal. International Journal of Radiation Oncology Biology Physics, 2020, 108, 1392-1394.	0.8	1
14	Plasma levels and tissue expression of soluble TGFÎ²rIII receptor in women with early-stage breast cancer and in healthy women: a prospective observational study. Journal of Translational Medicine, 2020, 18, 478.	4.4	8
15	Recombinant Human <scp>BMP6</scp> Applied Within Autologous Blood Coagulum Accelerates Bone Healing: Randomized Controlled Trial in High Tibial Osteotomy Patients. Journal of Bone and Mineral Research, 2020, 35, 1893-1903.	2.8	26
16	Autologous blood coagulum containing rhBMP6 induces new bone formation to promote anterior lumbar interbody fusion (ALIF) and posterolateral lumbar fusion (PLF) of spine in sheep. Bone, 2020, 138, 115448.	2.9	23
17	The Role of New Technologies in Defining Salivary Protein Composition Following Placement of Fixed Orthodontic Appliances â€“ Breakthrough in the Development of Novel Diagnostic and Therapeutic Procedures. Acta Clinica Croatica, 2020, 59, 480-488.	0.2	0
18	Elevated plasma RANTES in fibrodysplasia ossificans progressiva â€“ A novel therapeutic target?. Medical Hypotheses, 2019, 131, 109313.	1.5	5

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19	Recombinant Human Bone Morphogenetic Protein 6 Delivered Within Autologous Blood Coagulum Restores Critical Size Segmental Defects of Ulna in Rabbits. JBMR Plus, 2019, 3, e10085.	2.7	29
20	Prognostic significance of bone morphogenetic protein 6 (BMP6) expression, clinical and pathological factors in clinically node-negative oral squamous cell carcinoma (OSCC). Journal of Cranio-Maxillo-Facial Surgery, 2019, 47, 80-86.	1.7	2
21	A novel role of bone morphogenetic protein 6 (BMP6) in glucose homeostasis. Acta Diabetologica, 2019, 56, 365-371.	2.5	22
22	Tumor tissue hnRNP M and HSP 90Î± as potential predictors of disease-specific mortality in patients with early-stage cutaneous head and neck melanoma: A proteomics-based study. Oncotarget, 2019, 10, 6713-6722.	1.8	4
23	Anatomical variations of the frontal sinus and its relationship with the orbital cavity. Clinical Anatomy, 2018, 31, 576-582.	2.7	15
24	Palmaris Longus Absent in One Identical Twin: a Case Report. Acta Clinica Croatica, 2018, 57, 772-775.	0.2	1
25	Science communication to the public. Croatian Medical Journal, 2018, 59, 43-45.	0.7	0
26	Bone morphogenetic proteins in fracture repair. International Orthopaedics, 2018, 42, 2619-2626.	1.9	78
27	Marshall R. Urist and the discovery of bone morphogenetic proteins. International Orthopaedics, 2017, 41, 1065-1069.	1.9	29
28	BMPs in Inflammation. , 2017, , 357-366.		0
29	Clinical need for bone morphogenetic proteins. International Orthopaedics, 2017, 41, 2415-2416.	1.9	5
30	Systemic inhibition of BMP1-3 decreases progression of CCl₄-induced liver fibrosis in rats. Growth Factors, 2017, 35, 201-215.	1.7	12
31	Current Therapeutic Approach to Hypertrophic Scars. Frontiers in Medicine, 2017, 4, 83.	2.6	55
32	Osteogrow: A Novel Bone Graft Substitute for Orthopedic Reconstruction. , 2017, , 215-228.		2
33	Constitutively Elevated Blood Serotonin Is Associated with Bone Loss and Type 2 Diabetes in Rats. PLoS ONE, 2016, 11, e0150102.	2.5	32
34	Bone morphogenetic proteins in inflammation, glucose homeostasis and adipose tissue energy metabolism. Cytokine and Growth Factor Reviews, 2016, 27, 105-118.	7.2	70
35	Sphenoid sinus types, dimensions and relationship with surrounding structures. Annals of Anatomy, 2016, 203, 69-76.	1.9	64
36	Bone Morphogenetic Proteins in Inflammation. , 2016, , 229-242.		1

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37	Biological aspects of segmental bone defects management. International Orthopaedics, 2015, 39, 1005-1011.	1.9	81
38	The rational use of animal models in the evaluation of novel bone regenerative therapies. Bone, 2015, 70, 73-86.	2.9	111
39	Exogenous BMP7 corrects plasma iron overload and bone loss in Bmp6-/- mice. International Orthopaedics, 2015, 39, 161-172.	1.9	29
40	Soluble type III TGFÎ² receptor in diagnosis and follow-up of patients with breast cancer. Growth Factors, 2015, 33, 200-9.	1.7	10
41	Possible target for preventing fibrotic scar formation following acute myocardial infarction. Medical Hypotheses, 2014, 83, 656-658.	1.5	6
42	The clinical use of bone morphogenetic proteins revisited: a novel biocompatible carrier device OSTEOGROW for bone healing. International Orthopaedics, 2014, 38, 635-647.	1.9	97
43	Systemically available bone morphogenetic protein two and seven affect bone metabolism. International Orthopaedics, 2014, 38, 1979-1985.	1.9	21
44	Bone Morphogenetic Proteins in Inflammation. , 2014, , 1-15.		2
45	Exogenous heparin binds and inhibits bone morphogenetic protein 6 biological activity. International Orthopaedics, 2013, 37, 529-541.	1.9	26
46	The proteome and gene expression profile of cementoblastic cells treated by bone morphogenetic proteinâ€7 in vitro. Journal of Clinical Periodontology, 2012, 39, 80-90.	4.9	28
47	Effect of bone morphogenetic protein-7 on gene expression of bone morphogenetic protein-4, dentin matrix protein-1, insulin-like growth factor-I and -II in cementoblasts in vitro. Collegium Antropologicum, 2012, 36, 1265-71.	0.2	3
48	Bone morphogenetic protein (BMP)1-3 enhances bone repair. Biochemical and Biophysical Research Communications, 2011, 408, 25-31.	2.1	61
49	Regulation of TMPRSS6 by BMP6 and iron in human cells and mice. Blood, 2011, 118, 747-756.	1.4	104
50	The PEARL trial: lasofoxifene and incidence of fractures, breast cancer and cardiovascular events in postmenopausal osteoporotic women. International Journal of Clinical Rheumatology, 2011, 6, 387-391.	0.3	1
51	Circulating Bone Morphogenetic Protein 1â€“3 Isoform Increases Renal Fibrosis. Journal of the American Society of Nephrology: JASN, 2011, 22, 681-692.	6.1	55
52	Identification of a Key Residue Mediating Bone Morphogenetic Protein (BMP)-6 Resistance to Noggin Inhibition Allows for Engineered BMPs with Superior Agonist Activity. Journal of Biological Chemistry, 2010, 285, 12169-12180.	3.4	105
53	BMP6 is a key endogenous regulator of hepcidin expression and iron metabolism. Nature Genetics, 2009, 41, 482-487.	21.4	678
54	BMP-6 and mesenchymal stem cell differentiation. Cytokine and Growth Factor Reviews, 2009, 20, 441-448.	7.2	121

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55	Diameter of suprascapular nerve in the suprascapular notch. Pain Physician, 2008, 11, 263-4; author reply 264.	0.4	4
56	Detection of bone and cartilage-related proteins in plasma of patients with a bone fracture using liquid chromatographyâ€“mass spectrometry. International Orthopaedics, 2007, 31, 743-751.	1.9	30
57	Urine release of systemically administered bone morphogenetic protein hybrid molecule. Journal of Nephrology, 2007, 20, 311-9.	2.0	6
58	Regeneration of the skeleton by recombinant human bone morphogenetic proteins. Collegium Antropologicum, 2007, 31, 923-32.	0.2	9
59	Systemically Administered Bone Morphogenetic Protein-6 Restores Bone in Aged Ovariectomized Rats by Increasing Bone Formation and Suppressing Bone Resorption. Journal of Biological Chemistry, 2006, 281, 25509-25521.	3.4	94
60	Multicentric glial brain tumors of a varying degree of differentiation in patient with chronic lymphocytic leukemia. American Journal of Hematology, 2005, 79, 50-53.	4.1	3
61	Expression of Bone Morphogenetic Proteins in Stromal Cells from Human Bone Marrow Long-term Culture. Journal of Histochemistry and Cytochemistry, 2004, 52, 1159-1167.	2.5	22
62	Bone Morphogenetic Protein-7 from Serum of Pregnant Mice Is Available to the Fetus through Placental Transfer during Early Stages of Development. Nephron Experimental Nephrology, 2004, 97, e26-e32.	2.2	13
63	The sequence in appearance and disappearance of impressiones gyrorum cerebri and cerebelli. Collegium Antropologicum, 2004, 28, 849-55.	0.2	2