

Lovorka Grgurevic

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7092019/publications.pdf>

Version: 2024-02-01

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	BMP6 is a key endogenous regulator of hepcidin expression and iron metabolism. <i>Nature Genetics</i> , 2009, 41, 482-487.	21.4	678
2	BMP-6 and mesenchymal stem cell differentiation. <i>Cytokine and Growth Factor Reviews</i> , 2009, 20, 441-448.	7.2	121
3	The rational use of animal models in the evaluation of novel bone regenerative therapies. <i>Bone</i> , 2015, 70, 73-86.	2.9	111
4	Identification of a Key Residue Mediating Bone Morphogenetic Protein (BMP)-6 Resistance to Noggin Inhibition Allows for Engineered BMPs with Superior Agonist Activity. <i>Journal of Biological Chemistry</i> , 2010, 285, 12169-12180.	3.4	105
5	Regulation of Tmprss6 by BMP6 and iron in human cells and mice. <i>Blood</i> , 2011, 118, 747-756.	1.4	104
6	The clinical use of bone morphogenetic proteins revisited: a novel biocompatible carrier device OSTEOGROW for bone healing. <i>International Orthopaedics</i> , 2014, 38, 635-647.	1.9	97
7	Systemically Administered Bone Morphogenetic Protein-6 Restores Bone in Aged Ovariectomized Rats by Increasing Bone Formation and Suppressing Bone Resorption. <i>Journal of Biological Chemistry</i> , 2006, 281, 25509-25521.	3.4	94
8	Biological aspects of segmental bone defects management. <i>International Orthopaedics</i> , 2015, 39, 1005-1011.	1.9	81
9	Bone morphogenetic proteins in fracture repair. <i>International Orthopaedics</i> , 2018, 42, 2619-2626.	1.9	78
10	Bone morphogenetic proteins in inflammation, glucose homeostasis and adipose tissue energy metabolism. <i>Cytokine and Growth Factor Reviews</i> , 2016, 27, 105-118.	7.2	70
11	Sphenoid sinus types, dimensions and relationship with surrounding structures. <i>Annals of Anatomy</i> , 2016, 203, 69-76.	1.9	64
12	Bone morphogenetic protein (BMP)1-3 enhances bone repair. <i>Biochemical and Biophysical Research Communications</i> , 2011, 408, 25-31.	2.1	61
13	Circulating Bone Morphogenetic Protein 1-3 Isoform Increases Renal Fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 681-692.	6.1	55
14	Current Therapeutic Approach to Hypertrophic Scars. <i>Frontiers in Medicine</i> , 2017, 4, 83.	2.6	55
15	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
16	Detection of bone and cartilage-related proteins in plasma of patients with a bone fracture using liquid chromatography-mass spectrometry. <i>International Orthopaedics</i> , 2007, 31, 743-751.	1.9	30
17	Exogenous BMP7 corrects plasma iron overload and bone loss in <i>Bmp6</i> ^{-/-} mice. <i>International Orthopaedics</i> , 2015, 39, 161-172.	1.9	29
18	Marshall R. Urist and the discovery of bone morphogenetic proteins. <i>International Orthopaedics</i> , 2017, 41, 1065-1069.	1.9	29

#	ARTICLE	IF	CITATIONS
19	Recombinant Human Bone Morphogenetic Protein 6 Delivered Within Autologous Blood Coagulum Restores Critical Size Segmental Defects of Ulna in Rabbits. <i>JBMR Plus</i> , 2019, 3, e10085.	2.7	29
20	The proteome and gene expression profile of cementoblastic cells treated by bone morphogenetic protein in vitro. <i>Journal of Clinical Periodontology</i> , 2012, 39, 80-90.	4.9	28
21	Exogenous heparin binds and inhibits bone morphogenetic protein 6 biological activity. <i>International Orthopaedics</i> , 2013, 37, 529-541.	1.9	26
22	Recombinant Human BMP6 Applied Within Autologous Blood Coagulum Accelerates Bone Healing: Randomized Controlled Trial in High Tibial Osteotomy Patients. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 1893-1903.	2.8	26
23	Autologous blood coagulum is a physiological carrier for BMP6 to induce new bone formation and promote posterolateral lumbar spine fusion in rabbits. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 147-159.	2.7	25
24	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. <i>Bone</i> , 2020, 138, 115448.	2.9	23
25	Expression of Bone Morphogenetic Proteins in Stromal Cells from Human Bone Marrow Long-term Culture. <i>Journal of Histochemistry and Cytochemistry</i> , 2004, 52, 1159-1167.	2.5	22
26	A novel role of bone morphogenetic protein 6 (BMP6) in glucose homeostasis. <i>Acta Diabetologica</i> , 2019, 56, 365-371.	2.5	22
27	Systemically available bone morphogenetic protein two and seven affect bone metabolism. <i>International Orthopaedics</i> , 2014, 38, 1979-1985.	1.9	21
28	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. <i>Bone</i> , 2020, 140, 115551.	2.9	20
29	Anatomical variations of the frontal sinus and its relationship with the orbital cavity. <i>Clinical Anatomy</i> , 2018, 31, 576-582.	2.7	15
30	Bone Morphogenetic Protein-7 from Serum of Pregnant Mice Is Available to the Fetus through Placental Transfer during Early Stages of Development. <i>Nephron Experimental Nephrology</i> , 2004, 97, e26-e32.	2.2	13
31	Systemic inhibition of BMP1-3 decreases progression of CCl ₄ -induced liver fibrosis in rats. <i>Growth Factors</i> , 2017, 35, 201-215.	1.7	12
32	The Role of ADAMTS-4 in Atherosclerosis and Vessel Wall Abnormalities. <i>Journal of Vascular Research</i> , 2022, , 1-9.	1.4	12
33	Soluble type III TGF β 2 receptor in diagnosis and follow-up of patients with breast cancer. <i>Growth Factors</i> , 2015, 33, 200-9.	1.7	10
34	Regeneration of the skeleton by recombinant human bone morphogenetic proteins. <i>Collegium Antropologicum</i> , 2007, 31, 923-32.	0.2	9
35	Plasma levels and tissue expression of soluble TGF β 2 receptor in women with early-stage breast cancer and in healthy women: a prospective observational study. <i>Journal of Translational Medicine</i> , 2020, 18, 478.	4.4	8
36	Post-COVID-19 exacerbation of fibrodysplasia ossificans progressiva with multiple flare-ups and extensive heterotopic ossification in a 45-year-old female patient. <i>Rheumatology International</i> , 2021, 41, 1495-1501.	3.0	8

#	ARTICLE	IF	CITATIONS
37	BMP3 Affects Cortical and Trabecular Long Bone Development in Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 785.	4.1	7
38	First Characterization of ADAMTS-4 in Kidney Tissue and Plasma of Patients with Chronic Kidney Disease—A Potential Novel Diagnostic Indicator. <i>Diagnostics</i> , 2022, 12, 648.	2.6	7
39	Possible target for preventing fibrotic scar formation following acute myocardial infarction. <i>Medical Hypotheses</i> , 2014, 83, 656-658.	1.5	6
40	Urine release of systemically administered bone morphogenetic protein hybrid molecule. <i>Journal of Nephrology</i> , 2007, 20, 311-9.	2.0	6
41	Clinical need for bone morphogenetic proteins. <i>International Orthopaedics</i> , 2017, 41, 2415-2416.	1.9	5
42	Elevated plasma RANTES in fibrodysplasia ossificans progressiva — A novel therapeutic target?. <i>Medical Hypotheses</i> , 2019, 131, 109313.	1.5	5
43	Tumor tissue hnRNP M and HSP 90 α as potential predictors of disease-specific mortality in patients with early-stage cutaneous head and neck melanoma: A proteomics-based study. <i>Oncotarget</i> , 2019, 10, 6713-6722.	1.8	4
44	Diameter of suprascapular nerve in the suprascapular notch. <i>Pain Physician</i> , 2008, 11, 263-4; author reply 264.	0.4	4
45	Multicentric glial brain tumors of a varying degree of differentiation in patient with chronic lymphocytic leukemia. <i>American Journal of Hematology</i> , 2005, 79, 50-53.	4.1	3
46	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. <i>Collegium Antropologicum</i> , 2012, 36, 1265-71.	0.2	3
47	Heterotopic ossification vs. fracture healing: Extracellular vesicle cargo proteins shed new light on bone formation. <i>Bone Reports</i> , 2022, 16, 101177.	0.4	3
48	Prognostic significance of bone morphogenetic protein 6 (BMP6) expression, clinical and pathological factors in clinically node-negative oral squamous cell carcinoma (OSCC). <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2019, 47, 80-86.	1.7	2
49	Bone Morphogenetic Proteins in Inflammation. , 2014, , 1-15.		2
50	Osteogrow: A Novel Bone Graft Substitute for Orthopedic Reconstruction. , 2017, , 215-228.		2
51	Benign Fasciculation Syndrome and Migraine Aura without Headache: Possible Rare Side Effects of the BNT162b2 mRNA Vaccine? A Case Report and a Potential Hypothesis. <i>Vaccines</i> , 2022, 10, 117.	4.4	2
52	The sequence in appearance and disappearance of impressiones gyrorum cerebri and cerebelli. <i>Collegium Antropologicum</i> , 2004, 28, 849-55.	0.2	2
53	ADAMTS α 4 as a possible distinguishing indicator between osteoarthritis and haemophilic arthropathy. <i>Haemophilia</i> , 2022, 28, 656-662.	2.1	2
54	Stage II of Chronic Kidney Disease—A Tipping Point in Disease Progression?. <i>Biomedicines</i> , 2022, 10, 1522.	3.2	2

#	ARTICLE	IF	CITATIONS
55	The PEARL trial: lasofoxifene and incidence of fractures, breast cancer and cardiovascular events in postmenopausal osteoporotic women. <i>International Journal of Clinical Rheumatology</i> , 2011, 6, 387-391.	0.3	1
56	Palmaris Longus Absent in One Identical Twin: a Case Report. <i>Acta Clinica Croatica</i> , 2018, 57, 772-775.	0.2	1
57	In Regard to Lee et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 1392-1394.	0.8	1
58	Bone Morphogenetic Proteins in Inflammation. , 2016, , 229-242.		1
59	BMPs in Inflammation. , 2017, , 357-366.		0
60	Science communication to the public. <i>Croatian Medical Journal</i> , 2018, 59, 43-45.	0.7	0
61	Plasma levels of soluble TGF β 2 receptor type III: no apparent promise as a marker in acute pancreatitis. <i>Croatian Medical Journal</i> , 2021, 62, 264-269.	0.7	0
62	Identification of bone morphogenetic protein 4 in the saliva after the placement of fixed orthodontic appliance. <i>Progress in Orthodontics</i> , 2021, 22, 19.	3.5	0
63	The Role of New Technologies in Defining Salivary Protein Composition Following Placement of Fixed Orthodontic Appliances – Breakthrough in the Development of Novel Diagnostic and Therapeutic Procedures. <i>Acta Clinica Croatica</i> , 2020, 59, 480-488.	0.2	0