

Igor Erjavec

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

521
citations

759233

12
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

826
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Bone morphogenetic protein (BMP)1-3 enhances bone repair. <i>Biochemical and Biophysical Research Communications</i> , 2011, 408, 25-31.	2.1	61
3	Circulating Bone Morphogenetic Protein 1â€³ Isoform Increases Renal Fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 681-692.	6.1	55
4	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
5	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
6	The proteome and gene expression profile of cementoblastic cells treated by bone morphogenetic proteinâ€³ in vitro. <i>Journal of Clinical Periodontology</i> , 2012, 39, 80-90.	4.9	28
7	Exogenous heparin binds and inhibits bone morphogenetic protein 6 biological activity. <i>International Orthopaedics</i> , 2013, 37, 529-541.	1.9	26
8	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
9	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
10	Metabolomics reveals citric acid secretion in mechanicallyâ€³stimulated osteocytes is inhibited by high glucose. <i>Scientific Reports</i> , 2019, 9, 2295.	3.3	21
11	Computed microtomography visualization and quantification of mouse ischemic brain lesion by nonionic radio contrast agents. <i>Croatian Medical Journal</i> , 2013, 54, 3-11.	0.7	18
12	Evaluation of synthetic ceramics as compression resistant matrix to promote osteogenesis of autologous blood coagulum containing recombinant human bone morphogenetic protein 6 in rabbit posterolateral lumbar fusion model. <i>Bone</i> , 2020, 140, 115544.	2.9	15
13	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
14	Mushroom Extracts Decrease Bone Resorption and Improve Bone Formation. <i>International Journal of Medicinal Mushrooms</i> , 2016, 18, 559-569.	1.5	11
15	Autologous bone graft substitute containing rhBMP6 within autologous blood coagulum and synthetic ceramics of different particle size determines the quantity and structural pattern of bone formed in a rat subcutaneous assay. <i>Bone</i> , 2020, 141, 115654.	2.9	11
16	Soluble type III TGFÎ² receptor in diagnosis and follow-up of patients with breast cancer. <i>Growth Factors</i> , 2015, 33, 200-9.	1.7	10
17	Urodilatin reverses the detrimental influence of bradykinin in acute ischemic stroke. <i>Experimental Neurology</i> , 2016, 284, 1-10.	4.1	8
18	BMP3 Affects Cortical and Trabecular Long Bone Development in Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 785.	4.1	7

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19	CSBD Healing in Rats after Application of Bovine Xenogeneic Biomaterial Enriched with Magnesium Alloy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9089.	4.1	6
20	Urine release of systemically administered bone morphogenetic protein hybrid molecule. <i>Journal of Nephrology</i> , 2007, 20, 311-9.	2.0	6
21	Dynamics of optic canal and orbital cavity development revealed by microCT. <i>Surgical and Radiologic Anatomy</i> , 2014, 36, 989-992.	1.2	5
22	Zoledronate Bound to Ceramics Increases Ectopic Bone Volume Induced by rhBMP6 Delivered in Autologous Blood Coagulum in Rats. <i>Biomedicines</i> , 2021, 9, 1487.	3.2	4
23	Bone morphogenetic proteins: From discovery to development of a novel autologous bone graft substitute consisting of recombinant human BMP6 delivered in autologous blood coagulum carrier. <i>Rad Hrvatske Akademije Znanosti I Umjetnosti Medicinske Znanosti</i> , 2020, 544, 26-41.	0.0	4
24	Long-term posterolateral spinal fusion in rabbits induced by rhBMP6 applied in autologous blood coagulum with synthetic ceramics. <i>Scientific Reports</i> , 2022, 12, .	3.3	3
25	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
26	Osteogrow: A Novel Bone Graft Substitute for Orthopedic Reconstruction. , 2017, , 215-228.		2