Fayez F Safadi

List of Publications by Year
in descending order

58	2,024	218677	254184
papers	citations	26 h-index	43 g-index

63	63	63	2240
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Epigenetic Regulation of Chondrocytes and Subchondral Bone in Osteoarthritis. Life, 2022, 12, 582.	2.4	8
2	The role of miR-150 regulates bone cell differentiation and function. Bone, 2021, 145, 115470.	2.9	15
3	A novel regulatory role of TRAPPC9 in Lâ€plastinâ€mediated osteoclast actin ring formation. Journal of Cellular Biochemistry, 2020, 121, 284-298.	2.6	3
4	Linking gene expression and phenotypic changes in the developmental and evolutionary origins of osteosclerosis in the ribs of bowhead whales (Balaena mysticetus). Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2020, 334, 339-349.	1.3	1
5	Transgenic Overexpression of GPNMB Protects Against MPTP-Induced Neurodegeneration. Molecular Neurobiology, 2020, 57, 2920-2933.	4.0	20
6	Bone mineral density in adolescent urinary stone formers: is sex important?. Urolithiasis, 2020, 48, 329-335.	2.0	6
7	An Overview of Rickets in Children. Kidney International Reports, 2020, 5, 980-990.	0.8	34
8	Lâ€Plastin, a Novel Regulator of Microglial Activation in Parkinsonâ€™s disease. FASEB Journal, 2020, 34, 1-1.	0.5	0
9	Aberrant epigenetic silencing of neuronatin is a frequent event in human osteosarcoma. Oncotarget, 2020, 11, 1876-1893.	1.8	6
10	Adolescents with urinary stones have elevated urine levels of inflammatory mediators. Urolithiasis, 2019, 47, 461-466.	2.0	10
11	Autophagy plays an essential role in bone homeostasis. Journal of Cellular Physiology, 2019, 234, 12105-12115.	4.1	36
12	Comparison of Risk Factors for Pediatric Kidney Stone Formation: The Effects of Sex. Frontiers in Pediatrics, 2019, 7, 32.	1.9	11
13	Transgenic Overexpression of GPNMB Protects Against MPTPâ€Induced Neurodegeneration. FASEB Journal, 2019, 33, 662.7.	0.5	0
14	A Novel Regulatory Role of TRAPPC9 in Osteoarthritis. FASEB Journal, 2019, 33, 542.5.	0.5	0
15	The glycoprotein GPNMB attenuates astrocyte inflammatory responses through the CD44 receptor. Journal of Neuroinflammation, 2018, 15, 73.	7.2	102
16	Osteoactivin regulates head and neck squamous cell carcinoma invasion by modulating matrix metalloproteases. Journal of Cellular Physiology, 2018, 233, 409-421.	4.1	12
17	Glycoprotein NMB: an Emerging Role in Neurodegenerative Disease. Molecular Neurobiology, 2018, 55, 5167-5176.	4.0	32
18	Glycoprotein Nonmelanoma Clone B Regulates the Crosstalk between Macrophages and Mesenchymal Stem Cells toward Wound Repair. Journal of Investigative Dermatology, 2018, 138, 219-227.	0.7	30

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19	TRAPPC9: Novel insights into its trafficking and signaling pathways in health and disease (Review). International Journal of Molecular Medicine, 2018, 42, 2991-2997.	4.0	10
20	Identification of Novel Agents for the Treatment of Brain Metastases of Breast Cancer. Current Cancer Drug Targets, 2017, 17, 479-485.	1.6	1
21	A Novel Hybridâ€Structured Titanium Surface Promotes Adhesion of Human Dermal Fibroblasts and Osteogenesis of Human Mesenchymal Stem Cells while Reducing S. epidermidis Biofilm Accumulation. Advanced Engineering Materials, 2016, 18, 518-531.	3.5	5
22	Macrophageâ€Associated Osteoactivin/GPNMB Mediates Mesenchymal Stem Cell Survival, Proliferation, and Migration Via a CD44â€Dependent Mechanism. Journal of Cellular Biochemistry, 2016, 117, 1511-1521.	2.6	62
23	Osteoactivin Promotes Migration of Oral Squamous Cell Carcinomas. Journal of Cellular Physiology, 2016, 231, 1761-1770.	4.1	9
24	Orthosilicic acid, Si(OH)4, stimulates osteoblast differentiation in vitro by upregulating miR-146a to antagonize NF-ÎºB activation. Acta Biomaterialia, 2016, 39, 192-202.	8.3	59
25	Osteoactivin inhibition of osteoclastogenesis is mediated through CD44-ERK signaling. Experimental and Molecular Medicine, 2016, 48, e257-e257.	7.7	29
26	Transgenic Expression of Osteoactivin/gpnmb Enhances Bone Formation In Vivo and Osteoprogenitor Differentiation Ex Vivo. Journal of Cellular Physiology, 2016, 231, 72-83.	4.1	37
27	Growth and repair factors, osteoactivin, matrix metalloproteinase and heat shock protein 72, increase with resolution of inflammation in musculotendinous tissues in a rat model of repetitive grasping. BMC Musculoskeletal Disorders, 2016, 17, 34.	1.9	15
28	Osteoactivin (GPNMB) ectodomain protein promotes growth and invasive behavior of human lung cancer cells. Oncotarget, 2016, 7, 13932-13944.	1.8	28
29	Mutation in Osteoactivin Promotes Receptor Activator of NFÎºB Ligand (RANKL)-mediated Osteoclast Differentiation and Survival but Inhibits Osteoclast Function. Journal of Biological Chemistry, 2015, 290, 20128-20146.	3.4	32
30	Role of inflammation in the aging bones. Life Sciences, 2015, 123, 25-34.	4.3	94
31	Members of the novel UBASH3/STS/TULA family of cellular regulators suppress Tâ€cellâ€driven inflammatory responses in vivo. Immunology and Cell Biology, 2014, 92, 837-850.	2.3	22
32	Osteoactivin Induces Transdifferentiation of C2C12 Myoblasts Into Osteoblasts. Journal of Cellular Physiology, 2014, 229, 955-966.	4.1	42
33	Osteoactivin Promotes Osteoblast Adhesion Through HSPG and Î±vÎ²1 Integrin. Journal of Cellular Biochemistry, 2014, 115, 1243-1253.	2.6	44
34	Emerging Lung Cancer Therapeutic Targets Based on the Pathogenesis of Bone Metastases. International Journal of Cell Biology, 2014, 2014, 1-7.	2.5	14
35	Mutation in Osteoactivin Decreases Bone Formation inÂVivo and Osteoblast Differentiation inÂVitro. American Journal of Pathology, 2014, 184, 697-713.	3.8	46
36	Locked Plating Versus Spiral Blade Retrograde Nailing in Supracondylar Femoral Fractures. , 2012, , .		0

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37	Performance of Repetitive Tasks Induces Decreased Grip Strength and Increased Fibrogenic Proteins in Skeletal Muscle: Role of Force and Inflammation. PLoS ONE, 2012, 7, e38359.	2.5	53
38	Comparison of bone morphogenetic proteinâ€2 and osteoactivin for mesenchymal cell differentiation: Effects of bolus and continuous administration. Journal of Cellular Physiology, 2011, 226, 2943-2952.	4.1	20
39	Temporal and spatial expression of osteoactivin during fracture repair. Journal of Cellular Biochemistry, 2010, 111, 295-309.	2.6	30
40	Functional Roles of Osteoactivin in Normal and Disease Processes. Critical Reviews in Eukaryotic Gene Expression, 2010, 20, 341-357.	0.9	37
41	Assembly of the prothrombinase complex on fibroblast surface, promoted by TSP1, results in cytokine release and CTGF upregulation. FASEB Journal, 2010, 24, 589.12.	0.5	0
42	Circulating Plasma Levels of Connective Tissue Growth Factor (CTGF) Are Elevated In Patients Afflicted with Rheumatoid Arthritis. Blood, 2010, 116, 4320-4320.	1.4	0
43	Serum and tissue cytokines and chemokines increase with repetitive upper extremity tasks. Journal of Orthopaedic Research, 2008, 26, 1320-1326.	2.3	66
44	Osteoactivin, an anabolic factor that regulates osteoblast differentiation and function. Experimental Cell Research, 2008, 314, 2334-2351.	2.6	117
45	The Effect of Class A Scavenger Receptor Deficiency in Bone. Journal of Biological Chemistry, 2007, 282, 4653-4660.	3.4	21
46	Osteoactivin acts as downstream mediator of BMP-2 effects on osteoblast function. Journal of Cellular Physiology, 2007, 210, 26-37.	4.1	68
47	Molecular Players Involved in TGFâ€Î²1 induced CTGF/CCN2 expression in Primary Rat Osteoblasts: SBE, TRE and SRC/ERK. FASEB Journal, 2007, 21, A972.	0.5	0
48	Effects of Connective Tissue Growth Factor (CTGF) and Osteoactivin (OA) on Bone Healing in a Segmental Defect Model in Rats. FASEB Journal, 2007, 21, A135.	0.5	0
49	Repetitive, Negligible Force Reaching in Rats Induces Pathological Overloading of Upper Extremity Bones. Journal of Bone and Mineral Research, 2003, 18, 2023-2032.	2.8	45
50	Expression of connective tissue growth factor in bone: Its role in osteoblast proliferation and differentiation in vitro and bone formation in vivo. Journal of Cellular Physiology, 2003, 196, 51-62.	4.1	179
51	Chronic repetitive reaching and grasping results in decreased motor performance and widespread tissue responses in a rat model of MSD. Journal of Orthopaedic Research, 2003, 21, 167-176.	2.3	124
52	Median Nerve Trauma in a Rat Model of Work-Related Musculoskeletal Disorder. Journal of Neurotrauma, 2003, 20, 681-695.	3.4	78
53	Identification and Characterization of the Genes Encoding Human and Mouse Osteoactivin. Critical Reviews in Eukaryotic Gene Expression, 2003, 13, 16.	0.9	49
54	Anti-Osteoactivin Antibody Inhibits Osteoblast Differentiation and Function In Vitro. Critical Reviews in Eukaryotic Gene Expression, 2003, 13, 12.	0.9	56

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55	Cloning and characterization of osteoactivin, a novel cDNA expressed in osteoblasts. Journal of Cellular Biochemistry, 2002, 84, 12-26.	2.6	132
56	Cloning the full-length cDNA for rat connective tissue growth factor: Implications for skeletal development. , 2000, 77, 103-115.		45
57	Influence of Estrogen Deficiency and Replacement on T-Cell Populations in Rat Lymphoid Tissues and Organs. Endocrine, 2000, 12, 81-88.	2.2	20
58	Skeletal Resistance to 1,25-Dihydroxyvitamin D₃ in Osteopetrotic Rats. Endocrine, 1999, 11, 309-320.	2.2	9