

Gloria A Gronowicz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1033034/publications.pdf>

Version: 2024-02-01

68
papers

5,753
citations

94269

37
h-index

110170

64
g-index

69
all docs

69
docs citations

69
times ranked

6302
citing authors

#	ARTICLE	IF	CITATIONS
1	Endogenous FGF-2 levels impact FGF-2/BMP-2 growth factor delivery dosing in aged murine calvarial bone defects. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 2545-2555.	2.1	6
2	Cell Type Influences Local Delivery of Biomolecules from a Bioinspired Apatite Drug Delivery System. <i>Materials</i> , 2018, 11, 1703.	1.3	5
3	Calvarial Bone Regeneration Is Enhanced by Sequential Delivery of FGF-2 and BMP-2 from Layer-by-Layer Coatings with a Biomimetic Calcium Phosphate Barrier Layer. <i>Tissue Engineering - Part A</i> , 2017, 23, 1490-1501.	1.6	40
4	Age-Related Changes in FGF-2, Fibroblast Growth Factor Receptors and β -Catenin Expression in Human Mesenchyme-Derived Progenitor Cells. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 721-729.	1.2	19
5	Human biofield therapy does not affect tumor size but modulates immune responses in a mouse model for breast cancer. <i>Journal of Integrative Medicine</i> , 2016, 14, 389-399.	1.4	9
6	Chronic rhinosinusitis osteoblasts differ in cellular properties from normal bone. <i>International Forum of Allergy and Rhinology</i> , 2015, 5, 124-131.	1.5	7
7	Challenges for Preclinical Investigations of Human Biofield Modalities. <i>Global Advances in Health and Medicine</i> , 2015, 4, gahmj.2015.013..	0.7	4
8	Therapeutic Touch Has Significant Effects on Mouse Breast Cancer Metastasis and Immune Responses but Not Primary Tumor Size. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-10.	0.5	17
9	Effects of low dose FGF-2 and BMP-2 on healing of calvarial defects in old mice. <i>Experimental Gerontology</i> , 2015, 64, 62-69.	1.2	57
10	Differences in Otosclerotic and Normal Human Stapedial Osteoblast Properties Are Normalized by Alendronate in Vitro. <i>Otolaryngology - Head and Neck Surgery</i> , 2014, 151, 657-666.	1.1	2
11	Optimizing BMP-2-induced bone repair with FGF-2. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2014, 22, 677-679.	1.1	8
12	Response to the Letter "Age and site should be considered when investigating the effect of growth factors on human bone-derived cells". <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 1092-1093.	1.7	0
13	Fibroblast Growth Factor-2 and Bone Morphogenetic Protein-2 Have a Synergistic Stimulatory Effect on Bone Formation in Cell Cultures From Elderly Mouse and Human Bone. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013, 68, 1170-1180.	1.7	42
14	Fibroblast Growth Factor-2, Bone Homeostasis and Fracture Repair. <i>Current Pharmaceutical Design</i> , 2013, 19, 3354-3363.	0.9	50
15	Biofield Research: A Roundtable Discussion of Scientific and Methodological Issues. <i>Journal of Alternative and Complementary Medicine</i> , 2012, 18, 1081-1086.	2.1	28
16	One-Step Derivation of Mesenchymal Stem Cell (MSC)-Like Cells from Human Pluripotent Stem Cells on a Fibrillar Collagen Coating. <i>PLoS ONE</i> , 2012, 7, e33225.	1.1	120
17	New Insights on Therapeutic Touch: A Discussion of Experimental Methodology and Design That Resulted in Significant Effects on Normal Human Cells and Osteosarcoma. <i>Explore: the Journal of Science and Healing</i> , 2011, 7, 44-51.	0.4	18
18	Porous tantalum stimulates the proliferation and osteogenesis of osteoblasts from elderly female patients. <i>Journal of Orthopaedic Research</i> , 2011, 29, 609-616.	1.2	90

#	ARTICLE	IF	CITATIONS
19	Odontoblast-targeted Bcl-2 overexpression impairs dentin formation. <i>Journal of Cellular Biochemistry</i> , 2010, 111, 425-432.	1.2	9
20	miR-29 Modulates Wnt Signaling in Human Osteoblasts through a Positive Feedback Loop. <i>Journal of Biological Chemistry</i> , 2010, 285, 25221-25231.	1.6	368
21	Fabrication and Characterization of Hydroxyapatite-Coated Polystyrene Disks for Use in Osteoprogenitor Cell Culture. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2010, 21, 1371-1387.	1.9	11
22	Fibroblast Growth Factor-2 Stimulates the Proliferation of Mesenchyme-Derived Progenitor Cells From Aging Mouse and Human Bone. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010, 65A, 1051-1059.	1.7	22
23	Alendronate Treatment of the Brl Osteogenesis Imperfecta Mouse Improves Femoral Geometry and Load Response Before Fracture but Decreases Predicted Material Properties and Has Detrimental Effects on Osteoblasts and Bone Formation. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 849-859.	3.1	57
24	The in vitro response of human osteoblasts to polyetheretherketone (PEEK) substrates compared to commercially pure titanium. <i>Biomaterials</i> , 2008, 29, 1563-1572.	5.7	245
25	Therapeutic touch affects DNA synthesis and mineralization of human osteoblasts in culture. <i>Journal of Orthopaedic Research</i> , 2008, 26, 1541-1546.	1.2	30
26	Cellular Mechanism of Decreased Bone in Brl Mouse Model of OI: Imbalance of Decreased Osteoblast Function and Increased Osteoclasts and Their Precursors. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 1983-1994.	3.1	75
27	Osteopenia in transgenic mice with osteoblast-targeted expression of the inducible cAMP early repressor. <i>Bone</i> , 2008, 43, 101-109.	1.4	19
28	Therapeutic Touch Stimulates the Proliferation of Human Cells in Culture. <i>Journal of Alternative and Complementary Medicine</i> , 2008, 14, 233-239.	2.1	42
29	CREM deficiency in mice alters the response of bone to intermittent parathyroid hormone treatment. <i>Bone</i> , 2007, 40, 1135-1143.	1.4	29
30	Tendon and bone responses to a collagen-coated suture material. <i>Journal of Shoulder and Elbow Surgery</i> , 2007, 16, S222-S230.	1.2	32
31	Bone-Targeted Overexpression of Bcl-2 Increases Osteoblast Adhesion and Differentiation and Inhibits Mineralization In Vitro. <i>Calcified Tissue International</i> , 2007, 80, 111-122.	1.5	25
32	Matrix-mediated retention of in vitro osteogenic differentiation potential and in vivo bone-forming capacity by human adult bone marrow-derived mesenchymal stem cells during ex vivo expansion. <i>Journal of Biomedical Materials Research - Part A</i> , 2006, 79A, 464-475.	2.1	65
33	Transgenic mice with osteoblast-targeted insulin-like growth factor-I show increased bone remodeling. <i>Bone</i> , 2006, 39, 494-504.	1.4	90
34	Interleukin-7 Influences Osteoclast Function In Vivo but Is Not a Critical Factor in Ovariectomy-Induced Bone Loss. <i>Journal of Bone and Mineral Research</i> , 2006, 21, 695-702.	3.1	75
35	T Lymphocyte-Deficient Mice Lose Trabecular Bone Mass With Ovariectomy. <i>Journal of Bone and Mineral Research</i> , 2006, 21, 1704-1712.	3.1	96
36	The inflammatory responses to silk films in vitro and in vivo. <i>Biomaterials</i> , 2005, 26, 147-155.	5.7	725

#	ARTICLE	IF	CITATIONS
37	Effect of Osteoblast-Targeted Expression of Bcl-2 in Bone: Differential Response in Male and Female Mice. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 1414-1429.	3.1	40
38	Effect of platelet-rich plasma with autogenous bone graft for maxillary sinus augmentation in a rabbit model. <i>Journal of Oral and Maxillofacial Surgery</i> , 2005, 63, 370-376.	0.5	101
39	Transforming growth factor-beta 1 (TGF- β 1) prevents the age-dependent decrease in bone formation in human osteoblast/implant cultures. <i>Journal of Biomedical Materials Research - Part A</i> , 2005, 75A, 98-105.	2.1	22
40	Col1a1 Promoter-targeted Expression of p20 CCAAT Enhancer-binding Protein β 2 (C/EBP β 2), a Truncated C/EBP β 2 Isoform, Causes Osteopenia in Transgenic Mice. <i>Journal of Biological Chemistry</i> , 2005, 280, 8117-8124.	1.6	36
41	Do Cyclooxygenase-2 Knockout Mice Have Primary Hyperparathyroidism?. <i>Endocrinology</i> , 2005, 146, 1843-1853.	1.4	24
42	Transgenic Expression of 11 β -Hydroxysteroid Dehydrogenase Type 2 in Osteoblasts Reveals an Anabolic Role for Endogenous Glucocorticoids in Bone. <i>Endocrinology</i> , 2004, 145, 922-929.	1.4	118
43	The effects of patient age on human osteoblasts' response to Ti-6Al-4V implants in vitro. <i>Journal of Orthopaedic Research</i> , 2004, 22, 30-38.	1.2	63
44	Stat1 Controls Postnatal Bone Formation by Regulating Fibroblast Growth Factor Signaling in Osteoblasts. <i>Journal of Biological Chemistry</i> , 2004, 279, 27743-27752.	1.6	92
45	Insulin-like growth factor II induces apoptosis in osteoblasts. <i>Bone</i> , 2004, 35, 621-628.	1.4	15
46	Effects of transforming growth factor-beta 1 (TGF- β 1) on in vitro mineralization of human osteoblasts on implant materials. <i>Biomaterials</i> , 2003, 24, 2013-2020.	5.7	75
47	Effect of Crohn's Disease on Bone Metabolism In Vitro: A Role for Interleukin-6. <i>Journal of Bone and Mineral Research</i> , 2002, 17, 695-702.	3.1	103
48	Current Methodologic Issues in Cell and Tissue Culture. , 2002, , 1529-1541.		1
49	Functionalized silk-based biomaterials for bone formation. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 54, 139-148.	3.0	738
50	Bone-Directed Expression of Col1a1 Promoter-Driven Self-Inactivating Retroviral Vector in Bone Marrow Cells and Transgenic Mice. <i>Molecular Therapy</i> , 2001, 3, 543-550.	3.7	19
51	Primary hyperparathyroidism caused by parathyroid-targeted overexpression of cyclin D1 in transgenic mice. <i>Journal of Clinical Investigation</i> , 2001, 107, 1093-1102.	3.9	208
52	Integrin-mediated signaling regulates AP-1 transcription factors and proliferation in osteoblasts. <i>Journal of Biomedical Materials Research Part B</i> , 2000, 52, 725-737.	3.0	94
53	Integrin-mediated signaling in osteoblasts on titanium implant materials. <i>Journal of Biomedical Materials Research Part B</i> , 2000, 52, 738-747.	3.0	82
54	Integrin-mediated signaling in osteoblasts on titanium implant materials. , 2000, 52, 738.		1

#	ARTICLE	IF	CITATIONS
55	Integrin-mediated signaling in osteoblasts on titanium implant materials. <i>Journal of Biomedical Materials Research Part B</i> , 2000, 52, 738-747.	3.0	2
56	Estrogen Prevents Glucocorticoid-Induced Apoptosis in Osteoblasts in Vivo and in Vitro ¹ . <i>Endocrinology</i> , 1999, 140, 5339-5347.	1.4	222
57	An in vitro model for mineralization of human osteoblast-like cells on implant materials. <i>Biomaterials</i> , 1999, 20, 211-220.	5.7	132
58	Mice Lacking the Type I Interleukin-1 Receptor Do Not Lose Bone Mass after Ovariectomy. <i>Endocrinology</i> , 1998, 139, 3022-3025.	1.4	176
59	Alterations in Bone Metabolism in Children with Inflammatory Bowel Disease: An In Vitro Study. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1997, 24, 289-295.	0.9	118
60	Response of human osteoblasts to implant materials: Integrin-mediated adhesion. <i>Journal of Orthopaedic Research</i> , 1996, 14, 878-887.	1.2	203
61	Identification of a TAAT-containing Motif Required for High Level Expression of the Promoter in Differentiated Osteoblasts of Transgenic Mice. <i>Journal of Biological Chemistry</i> , 1996, 271, 16422-16429.	1.6	92
62	Prostaglandin E2 Stimulates Preosteoblast Replication: An Autoradiographic Study in Cultured Fetal Rat Calvariae. <i>Experimental Cell Research</i> , 1994, 212, 314-320.	1.2	31
63	Synthetic peptide containing Arg-Gly-Asp inhibits bone formation and resorption in a mineralizing organ culture system of fetal rat parietal bones. <i>Journal of Bone and Mineral Research</i> , 1994, 9, 193-201.	3.1	68
64	Cell density-dependent decrease in cytoskeletal actin and myosin in cultured osteoblastic cells: Correlation with cyclic AMP changes. <i>Journal of Cellular Biochemistry</i> , 1991, 45, 93-100.	1.2	19
65	Parathyroid hormone promotes the disassembly of cytoskeletal actin and myosin in cultured osteoblastic cells: Mediation by cyclic AMP. <i>Journal of Cellular Biochemistry</i> , 1991, 45, 101-111.	1.2	50
66	Glucocorticoids stimulate resorption in fetal rat parietal bones in vitro. <i>Journal of Bone and Mineral Research</i> , 1990, 5, 1223-1230.	3.1	70
67	In vitro mineralization of fetal rat parietal bones in defined serum-free medium: Effect of β -glycerol phosphate. <i>Journal of Bone and Mineral Research</i> , 1989, 4, 313-324.	3.1	121
68	Ascorbic Acid Alters Collagen Integrins in Bone Culture. , 0, .		12