# Akira Kudo

List of Publications by Year
in descending order



| 167 | 12,447 | 26610 | 26591 |
|---|---|---|---|
| papers | citations | 56 | 107 |
| | | h-index | g-index |

| 168 | 168 | 168 | 12722 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Fish as a Model for Research in Space. , 2022, , 701-715. | | 0 |
| 2 | Periostin Is Required for the Maintenance of Muscle Fibers during Muscle Regeneration. International Journal of Molecular Sciences, 2021, 22, 3627. | 1.8 | 15 |
| 3 | FAM20C directly binds to and phosphorylates Periostin. Scientific Reports, 2020, 10, 17155. | 1.6 | 3 |
| 4 | Periostin in Bone Biology. Advances in Experimental Medicine and Biology, 2019, 1132, 43-47. | 0.8 | 17 |
| 5 | The Structure of the Periostin Gene, Its Transcriptional Control and Alternative Splicing, and Protein Expression. Advances in Experimental Medicine and Biology, 2019, 1132, 7-20. | 0.8 | 14 |
| 6 | Periostin deletion suppresses late-phase response in mouse experimental allergic conjunctivitis. Allergology International, 2019, 68, 233-239. | 1.4 | 11 |
| 7 | Naming, History, Future. Advances in Experimental Medicine and Biology, 2019, 1132, 3-4. | 0.8 | 3 |
| 8 | Fish as a Model for Research in Space. , 2019, , 1-15. | | 0 |
| 9 | Periostin function in communication with extracellular matrices. Journal of Cell Communication and Signaling, 2018, 12, 301-308. | 1.8 | 74 |
| 10 | Fish in Space Shedding Light on Gravitational Biology. , 2018, , 85-97. | | 1 |
| 11 | Periostin contributes to the maturation and shape retention of tissue-engineered cartilage. Scientific Reports, 2018, 8, 11210. | 1.6 | 12 |
| 12 | Periostin attenuates tumor growth by inducing apoptosis in colitis-related colorectal cancer. Oncotarget, 2018, 9, 20008-20017. | 0.8 | 6 |
| 13 | Periostin is a negative prognostic factor and promotes cancer cell proliferation in non-small cell lung cancer. Oncotarget, 2018, 9, 31187-31199. | 0.8 | 16 |
| 14 | Periostin Promotes Scar Formation through the Interaction between Pericytes and Infiltrating Monocytes/Macrophages after Spinal Cord Injury. American Journal of Pathology, 2017, 187, 639-653. | 1.9 | 61 |
| 15 | Periostin is required for matricellular localization of CCN3 in periodontal ligament of mice. Journal of Cell Communication and Signaling, 2017, 11, 5-13. | 1.8 | 19 |
| 16 | Therapeutic Effect of Novel Single-Stranded RNAi Agent Targeting Periostin in Eyes with Retinal Neovascularization. Molecular Therapy - Nucleic Acids, 2017, 6, 279-289. | 2.3 | 19 |
| 17 | The sp7 gene is required for maturation of osteoblast-lineage cells in medaka (Oryzias latipes) vertebral column development. Developmental Biology, 2017, 431, 252-262. | 0.9 | 16 |
| 18 | Introductory review: periostinâ€"gene and protein structure. Cellular and Molecular Life Sciences, 2017, 74, 4259-4268. | 2.4 | 54 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Transient inflammatory response mediated by interleukin-1Î² is required for proper regeneration in zebrafish fin fold. ELife, 2017, 6, . | 2.8 | 112 |
| 20 | Immunolocalization of osteocyte-derived molecules during bone fracture healing of mouse ribs . Biomedical Research, 2016, 37, 141-151. | 0.3 | 3 |
| 21 | Acute transcriptional up-regulation specific to osteoblasts/osteoclasts in medaka fish immediately after exposure to microgravity. Scientific Reports, 2016, 6, 39545. | 1.6 | 42 |
| 22 | Fgf signalling controls diverse aspects of fin regeneration. Development (Cambridge), 2016, 143, 2920-9. | 1.2 | 59 |
| 23 | Reiterative expression of pax1 directs pharyngeal pouch segmentation in medaka (Oryzias) Tj ETQq1 1 0.784314 rgBT /Ove | 1.2 | 11 |
| 24 | Periostin Deficiency Causes Severe and Lethal Lung Injury in Mice With Bleomycin Administration. Journal of Histochemistry and Cytochemistry, 2016, 64, 441-453. | 1.3 | 9 |
| 25 | Periostin promotes secretion of fibronectin from the endoplasmic reticulum. Biochemical and Biophysical Research Communications, 2016, 470, 888-893. | 1.0 | 30 |
| 26 | Osteoblast and osteoclast behaviors in the turnover of attachment bones during medaka tooth replacement. Developmental Biology, 2016, 409, 370-381. | 0.9 | 20 |
| 27 | TGFÎ²-2 signaling is essential for osteoblast migration and differentiation during fracture healing in medaka fish. Bone, 2016, 86, 68-78. | 1.4 | 16 |
| 28 | Proliferation following tetraploidization regulates the size and number of erythrocytes in the blood flow during medaka development, as revealed by the abnormal karyotype of erythrocytes in the medaka TFDP1 mutant. Developmental Dynamics, 2015, 244, 651-668. | 0.8 | 3 |
| 29 | Microgravity promotes osteoclast activity in medaka fish reared at the international space station. Scientific Reports, 2015, 5, 14172. | 1.6 | 59 |
| 30 | Histological and Transcriptomic Analysis of Adult Japanese Medaka Sampled Onboard the International Space Station. PLoS ONE, 2015, 10, e0138799. | 1.1 | 20 |
| 31 | Inhibition of choroidal fibrovascular membrane formation by new class of RNA interference therapeutic agent targeting periostin. Gene Therapy, 2015, 22, 127-137. | 2.3 | 39 |
| 32 | A diffusible signal derived from hematopoietic cells supports the survival and proliferation of regenerative cells during zebrafish fin fold regeneration. Developmental Biology, 2015, 399, 80-90. | 0.9 | 29 |
| 33 | Altered distribution of HMGB1 in the periodontal ligament of periostin-deficient mice subjected to Waldoâ€™s orthodontic tooth movement. Journal of Molecular Histology, 2015, 46, 303-311. | 1.0 | 13 |
| 34 | Periostin is a negative regulator of mineralization in the dental pulp tissue. Odontology / the Society of the Nippon Dental University, 2015, 103, 152-159. | 0.9 | 17 |
| 35 | Histamine Contributes to Tissue Remodeling via Periostin Expression. Journal of Investigative Dermatology, 2014, 134, 2105-2113. | 0.3 | 34 |
| 36 | Eda/Edar signaling guides fin ray formation with preceding osteoblast differentiation, as revealed by analyses of the medaka allâ€fin less mutant afl. Developmental Dynamics, 2014, 243, 765-777. | 0.8 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Histochemical examination of cathepsin K, MMP1 and MMP2 in compressed periodontal ligament during orthodontic tooth movement in periostin deficient mice. Journal of Molecular Histology, 2014, 45, 303-309. | 1.0 | 24 |
| 38 | The role of periostin in tissue remodeling across health and disease. Cellular and Molecular Life Sciences, 2014, 71, 1279-1288. | 2.4 | 321 |
| 39 | Periostin accelerates human malignant melanoma progression by modifying the melanoma microenvironment. Pigment Cell and Melanoma Research, 2014, 27, 630-639. | 1.5 | 50 |
| 40 | In-vivo imaging of the fracture healing in medaka revealed two types of osteoclasts before and after the callus formation by osteoblasts. Developmental Biology, 2014, 394, 292-304. | 0.9 | 29 |
| 41 | Periostin promotes the generation of fibrous membranes in proliferative vitreoretinopathy. FASEB Journal, 2014, 28, 131-142. | 0.2 | 62 |
| 42 | Efficient expansion of mouse primary tenocytes using a novel collagen gel culture method. Histochemistry and Cell Biology, 2014, 142, 205-215. | 0.8 | 12 |
| 43 | Differential reparative phenotypes between zebrafish and medaka after cardiac injury. Developmental Dynamics, 2014, 243, 1106-1115. | 0.8 | 107 |
| 44 | The Niche Component Periostin Is Produced by Cancer-Associated Fibroblasts, Supporting Growth of Gastric Cancer through ERK Activation. American Journal of Pathology, 2014, 184, 859-870. | 1.9 | 100 |
| 45 | Altered distribution of extracellular matrix proteins in the periodontal ligament of periostin-deficient mice. Histology and Histopathology, 2014, 29, 731-42. | 0.5 | 17 |
| 46 | Activation of calcium signaling through Trpv1 by nNOS and peroxynitrite as a key trigger of skeletal muscle hypertrophy. Nature Medicine, 2013, 19, 101-106. | 15.2 | 244 |
| 47 | Capsaicin mimics mechanical load-induced intracellular signaling events. Channels, 2013, 7, 221-224. | 1.5 | 46 |
| 48 | Involvement of Periostin in Regression of Hyaloidvascular System during Ocular Development. , 2012, 53, 6495. | | 20 |
| 49 | Wnt2 accelerates cardiac myocyte differentiation from ES-cell derived mesodermal cells via non-canonical pathway. Journal of Molecular and Cellular Cardiology, 2012, 52, 650-659. | 0.9 | 41 |
| 50 | Colored medaka and zebrafish: <scp>T</scp>ransgenics with ubiquitous and strong transgene expression driven by the medaka Î²â€actin promoter. Development Growth and Differentiation, 2012, 54, 818-828. | 0.6 | 24 |
| 51 | Periostin in dental science. Japanese Dental Science Review, 2012, 48, 92-98. | 2.0 | 7 |
| 52 | Periostin, a matricellular protein, accelerates cutaneous wound repair by activating dermal fibroblasts. Experimental Dermatology, 2012, 21, 331-336. | 1.4 | 101 |
| 53 | Filamin C plays an essential role in the maintenance of the structural integrity of cardiac and skeletal muscles, revealed by the medaka mutant zacro. Developmental Biology, 2012, 361, 79-89. | 0.9 | 90 |
| 54 | Periostin Facilitates Skin Sclerosis via PI3K/Akt Dependent Mechanism in a Mouse Model of Scleroderma. PLoS ONE, 2012, 7, e41994. | 1.1 | 89 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Reactive gliosis of astrocytes and MÃ¼ller glial cells in retina of POMGnT1-deficient mice. Molecular and Cellular Neurosciences, 2011, 47, 119-130. | 1.0 | 27 |
| 56 | Delayed Re-Epithelialization in Periostin-Deficient Mice during Cutaneous Wound Healing. PLoS ONE, 2011, 6, e18410. | 1.1 | 111 |
| 57 | Osteoclasts in bone modeling, as revealed by in vivo imaging, are essential for organogenesis in fish. Developmental Biology, 2011, 360, 96-109. | 0.9 | 82 |
| 58 | Periostin in fibrillogenesis for tissue regeneration: periostin actions inside and outside the cell. Cellular and Molecular Life Sciences, 2011, 68, 3201-3207. | 2.4 | 269 |
| 59 | Stable knockdown of S100A4 suppresses cell migration and metastasis of osteosarcoma. Tumor Biology, 2011, 32, 611-622. | 0.8 | 20 |
| 60 | Pkd1l1 complexes with Pkd2 on motile cilia and functions to establish the left-right axis. Development (Cambridge), 2011, 138, 1121-1129. | 1.2 | 112 |
| 61 | Remodeling of Actin Cytoskeleton in Mouse Periosteal Cells under Mechanical Loading Induces Periosteal Cell Proliferation during Bone Formation. PLoS ONE, 2011, 6, e24847. | 1.1 | 46 |
| 62 | Medaka Bone Development. , 2011, , 81-93. | | 0 |
| 63 | Production of Wnt4b by floor plate cells is essential for the segmental patterning of the vertebral column in medaka. Development (Cambridge), 2010, 137, 1807-1813. | 1.2 | 33 |
| 64 | Incorporation of Tenascin-C into the Extracellular Matrix by Periostin Underlies an Extracellular Meshwork Architecture. Journal of Biological Chemistry, 2010, 285, 2028-2039. | 1.6 | 239 |
| 65 | Interaction between Periostin and BMP-1 Promotes Proteolytic Activation of Lysyl Oxidase. Journal of Biological Chemistry, 2010, 285, 13294-13303. | 1.6 | 225 |
| 66 | Epigenetic control of cardiomyocyte production in response to a stress during the medaka heart development. Developmental Biology, 2010, 340, 30-40. | 0.9 | 21 |
| 67 | Phosphorylation of Junb family proteins by the Jun N-terminal kinase supports tissue regeneration in zebrafish. Developmental Biology, 2010, 340, 468-479. | 0.9 | 53 |
| 68 | sec24d encoding a component of COPII is essential for vertebra formation, revealed by the analysis of the medaka mutant, vbi. Developmental Biology, 2010, 342, 85-95. | 0.9 | 60 |
| 69 | Bef medaka mutant reveals the essential role of c-myb in both primitive and definitive hematopoiesis. Developmental Biology, 2010, 345, 133-143. | 0.9 | 19 |
| 70 | Periostin advances atherosclerotic and rheumatic cardiac valve degeneration by inducing angiogenesis and MMP production in humans and rodents. Journal of Clinical Investigation, 2010, 120, 2292-2306. | 3.9 | 160 |
| 71 | Periostin Associates with Notch1 Precursor to Maintain Notch1 Expression under a Stress Condition in Mouse Cells. PLoS ONE, 2010, 5, e12234. | 1.1 | 59 |
| 72 | Expression, Purification and Characterization of Soluble Recombinant Periostin Protein Produced by Escherichia coli. Journal of Biochemistry, 2009, 146, 713-723. | 0.9 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Gene expression and functional analysis of zebrafish larval fin fold regeneration. Developmental Biology, 2009, 325, 71-81. | 0.9 | 95 |
| 74 | Brpf1, a subunit of the MOZ histone acetyl transferase complex, maintains expression of anterior and posterior Hox genes for proper patterning of craniofacial and caudal skeletons. Developmental Biology, 2009, 329, 176-190. | 0.9 | 56 |
| 75 | Periostin, a novel marker of intramembranous ossification, is expressed in fibrous dysplasia and in c-Fosâ€“overexpressing bone lesions. Human Pathology, 2009, 40, 226-237. | 1.1 | 89 |
| 76 | Reduced proliferative activity of primary POMGnT1-null myoblasts in vitro. Mechanisms of Development, 2009, 126, 107-116. | 1.7 | 39 |
| 77 | Migration of mesenchymal cell fated to blastema is necessary for fish fin regeneration. Development Growth and Differentiation, 2008, 50, 71-83. | 0.6 | 22 |
| 78 | Bone marrow stromal cell lines having high potential for osteoclast-supporting activity express PPARÎ³1 and show high potential for differentiation into adipocytes. Journal of Bone and Mineral Metabolism, 2008, 26, 13-23. | 1.3 | 17 |
| 79 | Function of Pax1 and Pax9 in the sclerotome of medaka fish. Genesis, 2008, 46, 185-192. | 0.8 | 29 |
| 80 | Periostin deposition in the stroma of invasive and intraductal neoplasms of the pancreas. Modern Pathology, 2008, 21, 1044-1053. | 2.9 | 83 |
| 81 | Mutation in the abcb7 gene causes abnormal iron and fatty acid metabolism in developing medaka fish. Development Growth and Differentiation, 2008, 50, 703-716. | 0.6 | 18 |
| 82 | Expression of marker genes during otolith development in medaka. Gene Expression Patterns, 2008, 8, 92-95. | 0.3 | 14 |
| 83 | Impaired capsule formation of tumors in periostin-null mice. Biochemical and Biophysical Research Communications, 2008, 367, 736-742. | 1.0 | 31 |
| 84 | Periostin is essential for cardiac healingafter acute myocardial infarction. Journal of Experimental Medicine, 2008, 205, 295-303. | 4.2 | 404 |
| 85 | Periostin Is Expressed in Pericryptal Fibroblasts and Cancer-associated Fibroblasts in the Colon. Journal of Histochemistry and Cytochemistry, 2008, 56, 753-764. | 1.3 | 113 |
| 86 | Periostin is essential for cardiac healing after acute myocardial infarction. Journal of Cell Biology, 2008, 180, i7-i7. | 2.3 | 4 |
| 87 | Dual effects of the membrane-anchored MMP regulator RECK on chondrogenic differentiation of ATDC5 cells. Journal of Cell Science, 2007, 120, 849-857. | 1.2 | 39 |
| 88 | Histochemical examinations on cortical bone regeneration induced by thermoplastic bioresorbable plates applied to bone defects of rat calvariae. Biomedical Research, 2007, 28, 219-229. | 0.3 | 7 |
| 89 | Multinucleate osteoclasts in medaka as evidence of active bone remodeling. Bone, 2007, 40, 399-408. | 1.4 | 49 |
| 90 | Identification of novel markers expressed during fin regeneration by microarray analysis in medaka fish. Developmental Dynamics, 2007, 236, 2685-2693. | 0.8 | 24 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | The teleost intervertebral region acts as a growth center of the centrum: In vivo visualization of osteoblasts and their progenitors in transgenic fish. Developmental Dynamics, 2007, 236, 3031-3046. | 0.8 | 109 |
| 92 | GFP transgenic mice reveal active canonical Wnt signal in neonatal brain and in adult liver and spleen. Genesis, 2007, 45, 90-100. | 0.8 | 67 |
| 93 | Cellular and molecular processes of regeneration, with special emphasis on fish fins. Development Growth and Differentiation, 2007, 49, 145-154. | 0.6 | 90 |
| 94 | Histological examination of bone regeneration achieved by combining grafting with hydroxyapatite and thermoplastic bioresorbable plates. Journal of Bone and Mineral Metabolism, 2007, 25, 361-373. | 1.3 | 10 |
| 95 | Periostin is an extracellular matrix protein required for eruption of incisors in mice. Biochemical and Biophysical Research Communications, 2006, 342, 766-772. | 1.0 | 117 |
| 96 | Medaka unextended-fin mutants suggest a role for Hoxb8a in cell migration and osteoblast differentiation during appendage formation. Developmental Biology, 2006, 293, 426-438. | 0.9 | 20 |
| 97 | Formation of acellular cementum-like layers, with and without extrinsic fiber insertion, along inert bone surfaces of aging c-Src gene knockout mice. European Journal of Oral Sciences, 2006, 114, 524-534. | 0.7 | 6 |
| 98 | Vascular anatomy of the developing medaka,Oryzias latipes: A complementary fish model for cardiovascular research on vertebrates. Developmental Dynamics, 2006, 235, 734-746. | 0.8 | 31 |
| 99 | Self-Assembled RANK Induces Osteoclastogenesis Ligand-Independently. Journal of Bone and Mineral Research, 2005, 20, 2053-2060. | 3.1 | 44 |
| 100 | Messenger RNA expression of periostin and Twist transiently decrease by occlusal hypofunction in mouse periodontal ligament. Archives of Oral Biology, 2005, 50, 1023-1031. | 0.8 | 54 |
| 101 | Retinoic acid-metabolizing enzyme Cyp26a1 is essential for determining territories of hindbrain and spinal cord in zebrafish. Developmental Biology, 2005, 278, 415-427. | 0.9 | 118 |
| 102 | Inactivation of Rho/ROCK Signaling Is Crucial for the Nuclear Accumulation of FKHR and Myoblast Fusion. Journal of Biological Chemistry, 2004, 279, 47311-47319. | 1.6 | 70 |
| 103 | The mechanism of spermâ€“oocyte fusion in mammals. Reproduction, 2004, 127, 423-429. | 1.1 | 76 |
| 104 | Pax-5 Is Essential for Îº Sterile Transcription during Igl Chain Gene Rearrangement. Journal of Immunology, 2004, 172, 4858-4865. | 0.4 | 34 |
| 105 | The novel medaka transglutaminase gene is expressed in developing yolk veins. Gene Expression Patterns, 2004, 4, 263-266. | 0.3 | 7 |
| 106 | Cell-Cell Interaction Mediated by Cadherin-11 Directly Regulates the Differentiation of Mesenchymal Cells Into the Cells of the Osteo-Lineage and the Chondro-Lineage. Journal of Bone and Mineral Research, 2004, 19, 1840-1849. | 3.1 | 97 |
| 107 | TRAF2 Is Essential for TNF-Î±-Induced Osteoclastogenesis. Journal of Bone and Mineral Research, 2004, 20, 840-847. | 3.1 | 91 |
| 108 | Immunohistochemical localization of periostin in tooth and its surrounding tissues in mouse mandibles during development. The Anatomical Record, 2004, 281A, 1264-1275. | 2.3 | 82 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Recombinant growth/differentiation factor-5 (GDF-5) stimulates osteogenic differentiation of marrow mesenchymal stem cells in porous hydroxyapatite ceramic. Journal of Biomedical Materials Research Part B, 2004, 68A, 168-176. | 3.0 | 58 |
| 110 | Twist functions in vertebral column formation in medaka, Oryzias latipes. Mechanisms of Development, 2004, 121, 883-894. | 1.7 | 54 |
| 111 | Large-scale analysis of the genes involved in fin regeneration and blastema formation in the medaka, Oryzias latipes. Mechanisms of Development, 2004, 121, 861-872. | 1.7 | 63 |
| 112 | A mutation in the gene for Î´-aminolevulinic acid dehydratase (ALAD) causes hypochromic anemia in the medaka, Oryzias latipes. Mechanisms of Development, 2004, 121, 747-752. | 1.7 | 28 |
| 113 | Characterization of mutations affecting embryonic hematopoiesis in the medaka, Oryzias latipes. Mechanisms of Development, 2004, 121, 739-746. | 1.7 | 19 |
| 114 | Zebrafish periostin is required for the adhesion of muscle fiber bundles to the myoseptum and for the differentiation of muscle fibers. Developmental Biology, 2004, 267, 473-487. | 0.9 | 57 |
| 115 | TRAF5 Functions in Both RANKL- and TNFÎ±-Induced Osteoclastogenesis. Journal of Bone and Mineral Research, 2003, 18, 443-450. | 3.1 | 63 |
| 116 | Osteoclastogenesis-Related Antigen, a Novel Molecule on Mouse Stromal Cells, Regulates Osteoclastogenesis. Journal of Bone and Mineral Research, 2003, 18, 686-695. | 3.1 | 3 |
| 117 | The divergent expression of periostin mRNA in the periodontal ligament during experimental tooth movement. Cell and Tissue Research, 2003, 312, 345-351. | 1.5 | 106 |
| 118 | Overexpression of cadherins suppresses pulmonary metastasis of osteosarcomain vivo. International Journal of Cancer, 2003, 104, 147-154. | 2.3 | 112 |
| 119 | TRANCE together with IL-7 induces pre-B cells to proliferate. European Journal of Immunology, 2003, 33, 334-341. | 1.6 | 9 |
| 120 | EBF-regulating Pax5 transcription is enhanced by STAT5 in the early stage of B cells. European Journal of Immunology, 2003, 33, 1824-1829. | 1.6 | 69 |
| 121 | Analysis of Wnt8 for neural posteriorizing factor by identifying Frizzled 8c and Frizzled 9 as functional receptors for Wnt8. Mechanisms of Development, 2003, 120, 477-489. | 1.7 | 32 |
| 122 | A functional study on polymorphism of the ATP-binding cassette transporter ABCG2: critical role of arginine-482 in methotrexate transport. Biochemical Journal, 2003, 373, 767-774. | 1.7 | 120 |
| 123 | Immunohistochemical Localization of Periostin in Developing Long Bones of Mice. Biomedical Research, 2003, 24, 31-37. | 0.3 | 13 |
| 124 | Osteopetrosis and thalamic hypomyelinosis with synaptic degeneration in DAP12-deficient mice. Journal of Clinical Investigation, 2003, 111, 323-332. | 3.9 | 292 |
| 125 | The Pre-B Cell Receptor Signaling for Apoptosis Is Negatively Regulated by FcÎ³RIIB. Journal of Immunology, 2002, 168, 629-634. | 0.4 | 34 |
| 126 | Infertility of CD9-Deficient Mouse Eggs Is Reversed by Mouse CD9, Human CD9, or Mouse CD81; Polyadenylated mRNA Injection Developed for Molecular Analysis of Spermâ€“Egg Fusion. Developmental Biology, 2002, 247, 327-334. | 0.9 | 103 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Expression of zisp, a DHHC zinc finger gene, in somites and lens during zebrafish embryogenesis. Mechanisms of Development, 2002, 119, S311-S314. | 1.7 | 1 |
| 128 | A novel mechanism for the regulation of osteoblast differentiation: Transcription of periostin, a member of the fasciclin I family, is regulated by the bHLH transcription factor, twist. Journal of Cellular Biochemistry, 2002, 86, 792-804. | 1.2 | 115 |
| 129 | Identification and characterization of mouse bone marrow stromal cell lines immortalized by temperature-sensitive SV40 T antigen: supportive activity for osteoclast differentiation. Bone, 2001, 29, 236-241. | 1.4 | 18 |
| 130 | The Transition of Cadherin Expression in Osteoblast Differentiation from Mesenchymal Cells: Consistent Expression of Cadherin-11 in Osteoblast Lineage. Journal of Bone and Mineral Research, 2001, 16, 260-269. | 3.1 | 78 |
| 131 | Targeted Disruption of Cadherin-11 Leads to a Reduction in Bone Density in Calvaria and Long Bone Metaphyses. Journal of Bone and Mineral Research, 2001, 16, 1265-1271. | 3.1 | 80 |
| 132 | Tumor Necrosis Factor Î±-Induced Osteoclastogenesis Requires Tumor Necrosis Factor Receptor-Associated Factor 6. Journal of Bone and Mineral Research, 2001, 16, 1593-1599. | 3.1 | 56 |
| 133 | Functional Association of CD9 with the FcÎ³ Receptors in Macrophages. Journal of Immunology, 2001, 166, 3256-3265. | 0.4 | 51 |
| 134 | Dissociation of Pax-5 from KI and KII Sites During Îº-Chain Gene Rearrangement Correlates with Its Association with the Underphosphorylated Form of Retinoblastoma. Journal of Immunology, 2001, 166, 6704-6710. | 0.4 | 19 |
| 135 | Effect of an Anti-thrombin Substance on Cerebral Vasospasm in Canines : Under Continuous Intrathecal Administration by Osmotic Pump. Japanese Journal of Neurosurgery, 2001, 10, 104-109. | 0.0 | 0 |
| 136 | The gamete fusion process is defective in eggs of Cd9-deficient mice. Nature Genetics, 2000, 24, 279-282. | 9.4 | 448 |
| 137 | Identification and Characterization of the New Osteoclast Progenitor with Macrophage Phenotypes Being Able to Differentiate into Mature Osteoclasts. Journal of Bone and Mineral Research, 2000, 15, 1477-1488. | 3.1 | 547 |
| 138 | Temporal and spatial patterns of cbfal expression during embryonic development in the teleost, Oryzias latipes. Development Genes and Evolution, 2000, 210, 570-574. | 0.4 | 32 |
| 139 | Inducible differentiation and apoptosis of the pre-B cell receptor-positive pre-B cell line. International Immunology, 2000, 12, 325-334. | 1.8 | 15 |
| 140 | Tumor Necrosis Factor-Î± Induces Differentiation of and Bone Resorption by Osteoclasts. Journal of Biological Chemistry, 2000, 275, 4858-4864. | 1.6 | 645 |
| 141 | Extrinsic Pathway of Blood Coagulation and Thrombin in the Cerebrospinal Fluid after Subarachnoid Hemorrhage. Neurosurgery, 1999, 44, 487-493. | 0.6 | 38 |
| 142 | Î»5 is required for rearrangement of the Ig Îº light chain gene in pro-B cell lines. International Immunology, 1999, 11, 1195-1202. | 1.8 | 15 |
| 143 | Expression and Function of the Splice Variant of the Human Cadherin-11 Gene in Subordination to Intact Cadherin-11. Journal of Bone and Mineral Research, 1999, 14, 764-775. | 3.1 | 48 |
| 144 | Identification and Characterization of a Novel Protein, Periostin, with Restricted Expression to Periosteum and Periodontal Ligament and Increased Expression by Transforming Growth Factor Î². Journal of Bone and Mineral Research, 1999, 14, 1239-1249. | 3.1 | 851 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Anomalous Cadherin Expression in Osteosarcoma. American Journal of Pathology, 1999, 155, 1549-1555. | 1.9 | 74 |
| 146 | Pax-5 is identical to EBB-1/KLP and binds to the VpreB and Î»5 promoters as well as the KI and KII sites upstream of the JÏ‡ genes. European Journal of Immunology, 1997, 27, 750-755. | 1.6 | 36 |
| 147 | Recombinant Human Growth/Differentiation Factor 5 Stimulates Mesenchyme Aggregation and Chondrogenesis Responsible for the Skeletal Development of Limbs. Growth Factors, 1996, 13, 65-74. | 0.5 | 156 |
| 148 | Expression and Characterization of Murine Osteoblast-Specific Factor 2 (OSF-2) in a Baculovirus Expression System. Protein Expression and Purification, 1995, 6, 305-311. | 0.6 | 51 |
| 149 | Two Pathways of B-Lymphocyte Development in Mouse Bone Marrow and the Roles of Surrogate L Chain in this Development. Immunological Reviews, 1994, 137, 185-201. | 2.8 | 54 |
| 150 | Expression of trkC in a Mouse Osteoblastic Cell Line and Its Response to Neurotrophin-3. Biochemical and Biophysical Research Communications, 1994, 203, 1268-1274. | 1.0 | 23 |
| 151 | Cloning and Characterization of OSF-3, a New Member of the MER5 Family, Expressed in Mouse Osteoblastic Cells. Journal of Biochemistry, 1994, 115, 641-643. | 0.9 | 47 |
| 152 | B cell development in mice with a defective Î»5 gene. European Journal of Immunology, 1993, 23, 1284-1288. | 1.6 | 103 |
| 153 | The surrogate light chain in B-cell development. Trends in Immunology, 1993, 14, 60-68. | 7.5 | 244 |
| 154 | The expression of the mouse VpreB/Î»5 locus in transformed cell lines and tumors of the B lineage differentiation pathway. International Immunology, 1992, 4, 831-840. | 1.8 | 28 |
| 155 | A critical role of Î»5 protein in B cell development. Cell, 1992, 69, 823-831. | 13.5 | 598 |
| 156 | Pre-B lymphocyte-specific transcriptional control of the mouse VpreB gene. European Journal of Immunology, 1992, 22, 31-36. | 1.6 | 37 |
| 157 | A pre-B- and B cell-specific DNA-binding protein, EBB-1, which binds to the promoter of the VpreB1 gene. European Journal of Immunology, 1992, 22, 37-43. | 1.6 | 51 |
| 158 | Long-term proliferating early pre-B-cell lines and clones with the potential to develop to surface immunoglobulin-positive, mitogen-reactive B-cells in vitro and in vivo. Biochemical Society Transactions, 1991, 19, 275-276. | 1.6 | 7 |
| 159 | Conversion of Normal Ly-1-Positive B-Lineage Cells into Ly-1-Positive Macrophages in Long-Term Bone Marrow Cultures. Autoimmunity, 1990, 1, 113-125. | 0.6 | 52 |
| 160 | Selective IgG deficiency with a transcriptional disorder of the Î³ switching region gene and the IL-4 gene. International Immunology, 1990, 2, 661-668. | 1.8 | 1 |
| 161 | The proteins encoded by the VpreB and lambda 5 pre-B cell-specific genes can associate with each other and with mu heavy chain.. Journal of Experimental Medicine, 1990, 172, 969-972. | 4.2 | 332 |
| 162 | Production of the human immunoglobulin Î³1 chain constant region polypeptides in Escherichia coli. Journal of Biotechnology, 1988, 8, 141-148. | 1.9 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Localization of the murine Î»5 gene on chromosome 16. Genomics, 1987, 1, 277-279. | 1.3 | 23 |
| 164 | Regulation of immunoglobulin gene transcription by labile represser factor(s). European Journal of Immunology, 1987, 17, 1249-1256. | 1.6 | 16 |
| 165 | Trans-acting nuclear protein responsible for induction of rearranged human immunoglobulin heavy chain gene. Cell, 1986, 45, 25-33. | 13.5 | 51 |
| 166 | Cell-type-specific and regulated expression of a human gamma 1 heavy-chain immunoglobulin gene in transgenic mice.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 2152-2156. | 3.3 | 36 |
| 167 | Induction of immunoglobulin gene expression in mouse fibroblasts by cycloheximide treatment.. Journal of Experimental Medicine, 1984, 160, 1937-1942. | 4.2 | 62 |