

Takayuki Shiomi

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

3,560
citations

172457

29
h-index

182427

51
g-index

60
all docs

60
docs citations

60
times ranked

5635
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Bilobectomy for synchronous multiple lung cancer after COVID-19 pneumonia: a case report. <i>AME Case Reports</i> , 2022, 6, 0-0. | 0.6 | 0 |
| 2 | A case of bacterial sphenoid sinusitis accompanied by a pituitary abscess. <i>Otolaryngology Case Reports</i> , 2022, , 100432. | 0.1 | 0 |
| 3 | Suppression of cigarette smoke induced MMP1 expression by selective serotonin reuptake inhibitors. <i>FASEB Journal</i> , 2021, 35, e21519. | 0.5 | 3 |
| 4 | Renal neoplasms in tuberous sclerosis mice are neurocristopathies. <i>IScience</i> , 2021, 24, 102684. | 4.1 | 6 |
| 5 | The Efficacy of Vitamin K, A Member Of Naphthoquinones in the Treatment of Cancer: A Systematic Review and Meta-Analysis. <i>Current Cancer Drug Targets</i> , 2021, 21, 495-513. | 1.6 | 3 |
| 6 | Splenic peliosis associated with spontaneous rupture and massive bleeding. <i>Legal Medicine</i> , 2021, 53, 101966. | 1.3 | 3 |
| 7 | Extramedullary leukemia behaving as solid cancer: clinical, histologic, and genetic clues to chemoresistance in organ sites. <i>American Journal of Hematology</i> , 2019, 94, 1200-1207. | 4.1 | 6 |
| 8 | ADAM9 is overexpressed in human ovarian clear cell carcinomas and suppresses cisplatin-induced cell death. <i>Cancer Science</i> , 2018, 109, 471-482. | 3.9 | 18 |
| 9 | Pulmonary and cardiac pathology in sudden unexpected death in epilepsy (SUDEP). <i>Epilepsy and Behavior</i> , 2017, 73, 119-125. | 1.7 | 52 |
| 10 | Single-Photon Emission Computed Tomography/Computed Tomography Imaging in a Rabbit Model of Emphysema Reveals Ongoing Apoptosis In Vivo. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 55, 848-857. | 2.9 | 5 |
| 11 | Mesenchymal Tumorigenesis Driven by TSC2 Haploinsufficiency Requires HMGA2 and Is Independent of mTOR Pathway Activation. <i>Cancer Research</i> , 2016, 76, 844-854. | 0.9 | 21 |
| 12 | Immune Modulation of the T Cell Response in Asthma through Wnt10b. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 584-593. | 2.9 | 25 |
| 13 | Mmp1a and Mmp1b are not functional orthologs to human MMP1 in cigarette smoke induced lung disease. <i>Experimental and Toxicologic Pathology</i> , 2015, 67, 153-159. | 2.1 | 6 |
| 14 | The Extracellular Matrix Regulates Granuloma Necrosis in Tuberculosis. <i>Journal of Infectious Diseases</i> , 2015, 212, 463-473. | 4.0 | 90 |
| 15 | Collagenolytic Matrix Metalloproteinases in Chronic Obstructive Lung Disease and Cancer. <i>Cancers</i> , 2015, 7, 329-341. | 3.7 | 9 |
| 16 | Loss of Secreted Frizzled-Related Protein-1 Leads to Deterioration of Cardiac Function in Mice and Plays a Role in Human Cardiomyopathy. <i>Circulation: Heart Failure</i> , 2015, 8, 362-372. | 3.9 | 57 |
| 17 | Maintenance of the bronchial alveolar stem cells in an undifferentiated state by secreted frizzled-related protein 1. <i>FASEB Journal</i> , 2014, 28, 5242-5249. | 0.5 | 9 |
| 18 | Hyperpolarized ³ He diffusion MRI and histology of secreted frizzled related protein-1 (SFRP1) deficient lungs in a Murine model. <i>Magnetic Resonance Imaging</i> , 2014, 32, 535-540. | 1.8 | 2 |

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|----|--|------|-----------|
| 19 | Abstract 3996: Liquid to solid: Leukemic breast tumors assume the morphologic and genetic characteristics of breast cancer. , 2014, , . | | 0 |
| 20 | Reply from Daniel C. Andersson, Matthew J. Betzenhauser, Steven Reiken, Alisa Umanskaya, Takayuki Shiomi and Andrew R. Marks. Journal of Physiology, 2013, 591, 3103-3103. | 2.9 | 0 |
| 21 | Treatment of experimental asthma using a single small molecule with anti-inflammatory and BK channel-activating properties. FASEB Journal, 2013, 27, 4975-4986. | 0.5 | 31 |
| 22 | Reduced vascular smooth muscle BK channel current underlies heart failure-induced vasoconstriction in mice. FASEB Journal, 2013, 27, 1859-1867. | 0.5 | 20 |
| 23 | Pivotal Role of Matrix Metalloproteinase 13 in Extracellular Matrix Turnover in Idiopathic Pulmonary Fibrosis. PLoS ONE, 2013, 8, e73279. | 2.5 | 77 |
| 24 | Stress-induced increase in skeletal muscle force requires protein kinase A phosphorylation of the ryanodine receptor. Journal of Physiology, 2012, 590, 6381-6387. | 2.9 | 50 |
| 25 | Leaky ryanodine receptors in β -sarcoglycan deficient mice: a potential common defect in muscular dystrophy. Skeletal Muscle, 2012, 2, 9. | 4.2 | 67 |
| 26 | Ryanodine Receptor Oxidation Causes Intracellular Calcium Leak and Muscle Weakness in Aging. Cell Metabolism, 2011, 14, 196-207. | 16.2 | 335 |
| 27 | Mice With Cardiac Overexpression of Peroxisome Proliferator-Activated Receptor β Have Impaired Repolarization and Spontaneous Fatal Ventricular Arrhythmias. Circulation, 2011, 124, 2812-2821. | 1.6 | 57 |
| 28 | MMP-1 drives immunopathology in human tuberculosis and transgenic mice. Journal of Clinical Investigation, 2011, 121, 1827-1833. | 8.2 | 197 |
| 29 | Activation Of The HMGA2 Pathway Is Necessary In TSC2 Associated-mesenchymal Tumorigenesis And Tuberlin Positive Lymphangiomyomatosis. , 2010, , . | | 1 |
| 30 | Matrix metalloproteinases, a disintegrin and metalloproteinases, and a disintegrin and metalloproteinases with thrombospondin motifs in non-neoplastic diseases. Pathology International, 2010, 60, 477-496. | 1.3 | 227 |
| 31 | Deficiency of matrix metalloproteinase-13 increases inflammation after acute lung injury. Experimental Lung Research, 2010, 36, 615-624. | 1.2 | 27 |
| 32 | The Divergent Roles of Secreted Frizzled Related Protein-1 (SFRP1) in Lung Morphogenesis and Emphysema. American Journal of Pathology, 2010, 177, 598-607. | 3.8 | 49 |
| 33 | Production and Activation of Matrix Metalloproteinase 7 (Matrilysin 1) in the Lungs of Patients With Idiopathic Pulmonary Fibrosis. Archives of Pathology and Laboratory Medicine, 2010, 134, 1136-1142. | 2.5 | 66 |
| 34 | Macrophage derived chemokine (CCL22), thymus and activation-regulated chemokine (CCL17), and CCR4 in idiopathic pulmonary fibrosis. Respiratory Research, 2009, 10, 80. | 3.6 | 66 |
| 35 | ADAM β 12 (meltrin β) is involved in chondrocyte proliferation via cleavage of insulin-like growth factor binding protein 5 in osteoarthritic cartilage. Arthritis and Rheumatism, 2008, 58, 778-789. | 6.7 | 72 |
| 36 | Stroma-Derived Matrix Metalloproteinase (MMP)-2 Promotes Membrane Type 1-MMP-Dependent Tumor Growth in Mice. Cancer Research, 2007, 67, 4311-4319. | 0.9 | 79 |

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|----|---|------|-----------|
| 37 | Intravascular Large B-cell Lymphoma with Preceding Syndrome of Inappropriate Secretion of Antidiuretic Hormone. <i>Internal Medicine</i> , 2007, 46, 1569-1572. | 0.7 | 7 |
| 38 | Expression of ADAMTS4 (aggrecanase-1) in human osteoarthritic cartilage. <i>Pathology International</i> , 2007, 57, 703-711. | 1.3 | 104 |
| 39 | Chondromodulin-I maintains cardiac valvular function by preventing angiogenesis. <i>Nature Medicine</i> , 2006, 12, 1151-1159. | 30.7 | 134 |
| 40 | Tetraspanin CD151 is expressed in osteoarthritic cartilage and is involved in pericellular activation of pro-matrix metalloproteinase 7 in osteoarthritic chondrocytes. <i>Arthritis and Rheumatism</i> , 2006, 54, 3233-3243. | 6.7 | 39 |
| 41 | ADAM28 is overexpressed in human non-small cell lung carcinomas and correlates with cell proliferation and lymph node metastasis. <i>International Journal of Cancer</i> , 2006, 118, 263-273. | 5.1 | 84 |
| 42 | ADAM28 Is Overexpressed in Human Breast Carcinomas: Implications for Carcinoma Cell Proliferation through Cleavage of Insulin-like Growth Factor Binding Protein-3. <i>Cancer Research</i> , 2006, 66, 9913-9920. | 0.9 | 115 |
| 43 | Pericellular activation of proMMP-7 (promatrilysin-1) through interaction with CD151. <i>Laboratory Investigation</i> , 2005, 85, 1489-1506. | 3.7 | 69 |
| 44 | Regulation of VEGF-Induced Angiogenesis by MMPs. <i>Wound Repair and Regeneration</i> , 2005, 13, A11-A11. | 3.0 | 1 |
| 45 | Selective Suppression of Pathologic, but Not Physiologic, Retinal Neovascularization by Blocking the Angiotensin II Type 1 Receptor. , 2005, 46, 1078. | | 70 |
| 46 | Development of In Situ Zymography to Localize Active Matrix Metalloproteinase-7 (Matrilysin-1). <i>Journal of Histochemistry and Cytochemistry</i> , 2005, 53, 1227-1234. | 2.5 | 10 |
| 47 | Hyperoxia-induced emphysematous changes in subacute phase of endotoxin-induced lung injury in rats. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 287, L184-L190. | 2.9 | 14 |
| 48 | Membrane-type 1 Matrix Metalloproteinase Cytoplasmic Tail-binding Protein-1 Is a New Member of the Cupin Superfamily. <i>Journal of Biological Chemistry</i> , 2004, 279, 12734-12743. | 3.4 | 68 |
| 49 | INHIBITION OF MKP-1 EXPRESSION POTENTIATES JNK RELATED APOPTOSIS IN RENAL CANCER CELLS. <i>Journal of Urology</i> , 2004, 172, 723-727. | 0.4 | 31 |
| 50 | ADAM28 is activated by MMP-7 (matrilysin-1) and cleaves insulin-like growth factor binding protein-3. <i>Biochemical and Biophysical Research Communications</i> , 2004, 315, 79-84. | 2.1 | 111 |
| 51 | ADAM12 Is Selectively Overexpressed in Human Glioblastomas and Is Associated with Glioblastoma Cell Proliferation and Shedding of Heparin-Binding Epidermal Growth Factor. <i>American Journal of Pathology</i> , 2004, 165, 1743-1753. | 3.8 | 139 |
| 52 | MT1-MMP and MMP-7 in invasion and metastasis of human cancers. <i>Cancer and Metastasis Reviews</i> , 2003, 22, 145-152. | 5.9 | 194 |
| 53 | Vascular Endothelial Growth Factor Isoforms and Their Receptors Are Expressed in Human Osteoarthritic Cartilage. <i>American Journal of Pathology</i> , 2003, 162, 171-181. | 3.8 | 195 |
| 54 | EMPHYSEMATOUS CHANGES ARE CAUSED BY DEGRADATION OF TYPE III COLLAGEN IN TRANSGENIC MICE EXPRESSING MMP-1. <i>Experimental Lung Research</i> , 2003, 29, 1-15. | 1.2 | 48 |

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|----|---|-----|-----------|
| 55 | Connective tissue growth factor binds vascular endothelial growth factor (VEGF) and inhibits VEGF-induced angiogenesis. <i>FASEB Journal</i> , 2002, 16, 1-27. | 0.5 | 324 |
| 56 | TWO-STEP SANDWICH ENZYME IMMUNOASSAY USING MONOCLONAL ANTIBODIES FOR DETECTION OF SOLUBLE AND MEMBRANE- ASSOCIATED HUMAN MEMBRANE TYPE 1-MATRIX METALLOPROTEINASE. <i>Journal of Immunoassay and Immunochemistry</i> , 2002, 23, 49-68. | 1.1 | 11 |
| 57 | Neuromuscular and vascular hamartoma of the cecum. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2002, 440, 338-340. | 2.8 | 15 |