

Shigehisa Aoki

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

2,873
citations

218381

26
h-index

182168

51
g-index

120
all docs

120
docs citations

120
times ranked

4130
citing authors

#	ARTICLE	IF	CITATIONS
1	Bystander effects induced by the interaction between urothelial cancer cells and irradiated adipose tissue-derived stromal cells in urothelial carcinoma. <i>Human Cell</i> , 2022, 35, 613.	1.2	1
2	An ultrasonic osteotomy device enhanced post-osteotomy bone healing beyond that with a conventional rotary device in a rat calvarial model. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , 2022, 34, 243-251.	0.2	1
3	Aberrant hypomethylation at imprinted differentially methylated regions is involved in biparental placental mesenchymal dysplasia. <i>Clinical Epigenetics</i> , 2022, 14, 64.	1.8	1
4	One-Pot Preparation of Collagen Tubes Using Diffusing Gelation. <i>ACS Omega</i> , 2022, 7, 22872-22878.	1.6	5
5	Cellular and physical microenvironments regulate the aggressiveness and sunitinib chemosensitivity of clear cell renal cell carcinoma. <i>Journal of Pathology</i> , 2021, 254, 46-56.	2.1	4
6	Active behavior of triple-negative breast cancer with adipose tissue invasion: a single center and retrospective review. <i>BMC Cancer</i> , 2021, 21, 434.	1.1	6
7	Collagen Vitrigel Membrane-Coated Nylon Line Prevents Stenosis After Conization of the Cervix Uteri. <i>Tissue Engineering - Part A</i> , 2021, , .	1.6	0
8	Tissue-specific Physical and Biological Microenvironments Modulate the Behavior of Cervical Squamous Cell Carcinoma. <i>Acta Histochemica Et Cytochemica</i> , 2021, 54, 155-165.	0.8	2
9	A Case Report of Hemifacial Spasm caused by Compression of Ectodermal Pharyngeal Arch and Anterior Inferior Cerebellar Artery. <i>Japanese Journal of Neurosurgery</i> , 2021, 30, 734-739.	0.0	0
10	Terminal deoxynucleotidyl transferase (TdT) negative early T cell precursor acute lymphoblastic leukemia (ETP-ALL) with spontaneous acute kidney injury. <i>Annals of Hematology</i> , 2020, 99, 885-886.	0.8	5
11	Development of a tunable method to generate various three-dimensional microstructures by replenishing macromolecules such as extracellular matrix components and polysaccharides. <i>Scientific Reports</i> , 2020, 10, 6567.	1.6	19
12	Proposal of peritoneal biopsy procedures for patients undergoing peritoneal dialysis. <i>Renal Replacement Therapy</i> , 2020, 6, .	0.3	2
13	Low-Dose Phosphodiesterase III Inhibitor Reduces the Vascular Amyloid Burden in Amyloid- β^2 Protein Precursor Transgenic Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2295.	1.8	6
14	Concomitant Nephrotic Syndrome with Diffuse Large B-cell Lymphoma: A Case Report. <i>Tohoku Journal of Experimental Medicine</i> , 2020, 252, 153-157.	0.5	1
15	Mesenchymal cells and fluid flow stimulation synergistically regulate the kinetics of corneal epithelial cells at the air-liquid interface. <i>Graefes' Archive for Clinical and Experimental Ophthalmology</i> , 2019, 257, 1915-1924.	1.0	7
16	A high-density collagen xerogel thread prevents the progression of peritoneal fibrosis. <i>Biomaterials Science</i> , 2019, 7, 125-138.	2.6	5
17	Hepatobiliary and Pancreatic: A procalcitonin-secreting and calcitonin-secreting pancreatic neuroendocrine carcinoma. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2019, 34, 964-964.	1.4	8
18	Development of a collagen-like peptide polymer via end-to-end disulfide cross-linking and its application as a biomaterial. <i>Acta Biomaterialia</i> , 2019, 94, 361-371.	4.1	9

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19	Cancer-adipose tissue interaction and fluid flow synergistically modulate cell kinetics, HER2 expression, and trastuzumab efficacy in gastric cancer. <i>Gastric Cancer</i> , 2018, 21, 946-955.	2.7	14
20	Methods for Engineering of Multicellular Spheroids to Reconstitute the Liver Tissue. , 2018, , 145-158.		4
21	Proposal regarding peritoneal biopsy methods for peritoneal dialysis patients. <i>Nihon Toseki Igakkai Zasshi</i> , 2018, 51, 77-86.	0.2	0
22	Effects of a cell-free method using collagen vitrigel incorporating TGF- β 1 on articular cartilage repair in a rabbit osteochondral defect model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 2592-2602.	1.6	14
23	High-density collagen patch prevents stricture after endoscopic circumferential submucosal dissection of the esophagus: a porcine model. <i>Gastrointestinal Endoscopy</i> , 2017, 85, 1076-1085.	0.5	28
24	Calcification around the Struts of a Sirolimus-eluting Stent Approximately 16 Months after Implantation in an Autopsy Case. <i>Internal Medicine</i> , 2016, 55, 353-358.	0.3	2
25	Functional and microstructural regulation of three-dimensional tissues by using extracellular matrix. , 2016, , .		0
26	Interaction between Esophageal Squamous Cell Carcinoma and Adipose Tissue in Vitro. <i>American Journal of Pathology</i> , 2016, 186, 1180-1194.	1.9	9
27	Progress in cell culture systems for pathological research. <i>Pathology International</i> , 2016, 66, 554-562.	0.6	13
28	Differential effects of adipose tissue stromal cells on the apoptosis, growth and invasion of bladder urothelial carcinoma between the superficial and invasive types. <i>International Journal of Urology</i> , 2016, 23, 510-519.	0.5	3
29	Interaction between thyrocytes and adipose tissue <i>in vitro</i> . <i>Pathology International</i> , 2016, 66, 148-157.	0.6	5
30	Fabrication of bone marrow-like tissue in vitro from dispersed-state bone marrow cells. <i>Regenerative Therapy</i> , 2016, 3, 32-37.	1.4	8
31	Cytokeratin immunohistochemistry improves interobserver variability between unskilled pathologists in the evaluation of tumor budding in T1 colorectal cancer. <i>Pathology International</i> , 2016, 66, 75-82.	0.6	52
32	The HUS1B promoter is hypomethylated in the placentas of low-birth-weight infants. <i>Gene</i> , 2016, 583, 141-146.	1.0	8
33	Induction of hepatic tissues in multicellular spheroids composed of murine fetal hepatic cells and embedded hydrogel beads. <i>Regenerative Therapy</i> , 2016, 3, 7-10.	1.4	8
34	Fluid dwell impact induces peritoneal fibrosis in the peritoneal cavity reconstructed in vitro. <i>Journal of Artificial Organs</i> , 2016, 19, 87-96.	0.4	5
35	A method to reorganize the bone marrow-like tissue with suspension of bone marrow cells. , 2015, , .		0
36	A new cell-free bandage-type artificial skin for cutaneous wounds. <i>Wound Repair and Regeneration</i> , 2015, 23, 819-829.	1.5	18

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37	Merkel Cell Carcinoma With Glandular Differentiation Admixed With Sweat Gland Carcinoma and Spindle Cell Carcinoma. <i>American Journal of Dermatopathology</i> , 2015, 37, e31-e36.	0.3	9
38	Experimental pulmonary fibrosis in rats with chronic gastric acid reflux esophagitis. <i>Auris Nasus Larynx</i> , 2015, 42, 382-384.	0.5	4
39	Histological Changes of the Lower Respiratory Tract in Experimental Rats with Chronic Acid Reflux Esophagitis. <i>Nihon Kikan Shokudoka Gakkai Kaiho</i> , 2015, 66, 245-249.	0.0	0
40	Collagen vitrigel membrane: a powerful tool for skin regeneration. <i>Inflammation and Regeneration</i> , 2014, 34, 117-123.	1.5	3
41	Epithelial-to-mesenchymal transition and slit function of mesothelial cells are regulated by the cross talk between mesothelial cells and endothelial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, F116-F122.	1.3	11
42	Assembly of the hybrid multicellular spheroids using epithelial cells and hydrogel beads. , 2014, , .		0
43	Laryngeal Granuloma in Experimental Rats With Gastroesophageal Reflux Disease and Mechanically Injured Vocal Cord Mucosa. <i>Annals of Otology, Rhinology and Laryngology</i> , 2014, 123, 247-251.	0.6	17
44	Histopathology of tenosynovium in trigger fingers. <i>Pathology International</i> , 2014, 64, 276-282.	0.6	22
45	Triphasic differentiations of Merkel cell carcinoma in primary and metastatic lesions. <i>Journal of Cutaneous Pathology</i> , 2014, 41, 469-474.	0.7	8
46	Association of caspase-14 and filaggrin expression with keratinization of the oral mucosa and reconstruction culture rat models. <i>Journal of Periodontal Research</i> , 2014, 49, 703-710.	1.4	6
47	Three-dimensional culture model for analyzing crosstalk between adipose tissue and hepatocytes. <i>Cell and Tissue Research</i> , 2013, 352, 611-621.	1.5	7
48	Comprehensive analyses of imprinted differentially methylated regions reveal epigenetic and genetic characteristics in hepatoblastoma. <i>BMC Cancer</i> , 2013, 13, 608.	1.1	31
49	Immunoglobulin A nephropathy with massive paramesangial deposits caused by anti-vascular endothelial growth factor therapy for metastatic rectal cancer: a case report and review of the literature. <i>BMC Research Notes</i> , 2013, 6, 450.	0.6	21
50	Osteoblast migration into type I collagen gel and differentiation to osteocyte-like cells within a self-produced mineralized matrix: A novel system for analyzing differentiation from osteoblast to osteocyte. <i>Bone</i> , 2013, 52, 102-110.	1.4	60
51	Phosphaturic mesenchymal tumor, nonphosphaturic variant, causing fatal pulmonary metastasis. <i>Human Pathology</i> , 2013, 44, 2614-2618.	1.1	27
52	Adipose tissue behavior is distinctly regulated by neighboring cells and fluid flow stress: a possible role of adipose tissue in peritoneal fibrosis. <i>Journal of Artificial Organs</i> , 2013, 16, 322-331.	0.4	14
53	A Case of Tuberculous Cellulitis Lacking Epithelioid Granuloma. <i>Acta Dermato-Venereologica</i> , 2013, 93, 596-597.	0.6	3
54	Suture Granuloma Showing False-Positive Findings on FDG-PET. <i>Case Reports in Urology</i> , 2013, 2013, 1-3.	0.1	13

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55	Acute renal failure associated with acute non-fulminant hepatitis B. <i>World Journal of Hepatology</i> , 2013, 5, 82.	0.8	3
56	Periostin Contributes to the Pathogenesis of Atopic Dermatitis by Inducing TSLP Production from Keratinocytes. <i>Allergy International</i> , 2012, 61, 563-572.	1.4	57
57	Periostin promotes chronic allergic inflammation in response to Th2 cytokines. <i>Journal of Clinical Investigation</i> , 2012, 122, 2590-2600.	3.9	327
58	Prolonged effect of fluid flow stress on the proliferative activity of mesothelial cells after abrupt discontinuation of fluid streaming. <i>Biochemical and Biophysical Research Communications</i> , 2011, 416, 391-396.	1.0	5
59	Correction to "Adipose tissue explants and MDCK cells reciprocally regulate their morphogenesis in coculture". <i>Kidney International</i> , 2011, 79, 1151.	2.6	0
60	Histiocytoid and signet-ring cell carcinoma of the axilla: a type of cutaneous apocrine carcinoma equivalent to histiocytoid lobular carcinoma of the breast?. <i>Clinical and Experimental Dermatology</i> , 2011, 36, 874-877.	0.6	17
61	Interaction between adipose tissue stromal cells and gastric cancer cells in vitro. <i>Cell and Tissue Research</i> , 2011, 344, 287-298.	1.5	35
62	Interferon regulatory factor 5 is critical for the development of lupus in MRL/lpr mice. <i>Arthritis and Rheumatism</i> , 2011, 63, 738-748.	6.7	71
63	A Promising Culture Model for Analyzing the Interaction between Adipose Tissue and Cardiomyocytes. <i>Endocrinology</i> , 2011, 152, 1599-1605.	1.4	19
64	A case of endocapillary glomerulonephritis associated with peripheral blood natural killer cell proliferation. <i>CKJ: Clinical Kidney Journal</i> , 2011, 4, 307-309.	1.4	1
65	Culture Models for Studying Thyroid Biology and Disorders. <i>Isrn Endocrinology</i> , 2011, 2011, 1-9.	2.0	17
66	Fluid Flow Stress Affects Peritoneal Cell Kinetics: Possible Pathogenesis of Peritoneal Fibrosis. <i>Peritoneal Dialysis International</i> , 2011, 31, 466-476.	1.1	17
67	Epigen is induced during the interleukin-13-stimulated cell proliferation in murine primary airway epithelial cells. <i>Experimental Lung Research</i> , 2011, 37, 461-470.	0.5	14
68	A notable case report of May-Hegglin anomaly with immune complex-related nephropathy: a genetic and histological analysis. <i>Clinical Nephrology</i> , 2011, 75, 255-262.	0.4	1
69	The Air Liquid-interface, a Skin Microenvironment, Promotes Growth of Melanoma Cells, but not Their Apoptosis and Invasion, through Activation of Mitogen-activated Protein Kinase. <i>Acta Histochemica Et Cytochemica</i> , 2010, 43, 1-7.	0.8	4
70	Age-related fat deposition in multifidus muscle could be a marker for nonalcoholic fatty liver disease. <i>Journal of Gastroenterology</i> , 2010, 45, 218-224.	2.3	83
71	Organotypic culture of human bone marrow adipose tissue. <i>Pathology International</i> , 2010, 60, 259-267.	0.6	23
72	Cartilaginous matrix-producing apocrine carcinoma of the skin. <i>British Journal of Dermatology</i> , 2010, 163, 215-218.	1.4	0

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73	Adipose tissue explants and MDCK cells reciprocally regulate their morphogenesis in coculture. <i>Kidney International</i> , 2010, 78, 60-68.	2.6	18
74	Epidermal regeneration by keratinocyte-alien mesenchymal cell interactions. <i>Inflammation and Regeneration</i> , 2010, 30, 428-433.	1.5	1
75	Adipose tissue-organotypic culture system as a promising model for studying adipose tissue biology and regeneration. <i>Organogenesis</i> , 2009, 5, 50-56.	0.4	36
76	Non-skin mesenchymal cell types support epidermal regeneration in a mesenchymal stem cell or myofibroblast phenotype-independent manner. <i>Pathology International</i> , 2009, 59, 368-375.	0.6	19
77	An organotypic culture system of Merkel cells using isolated epidermal sheets. <i>British Journal of Dermatology</i> , 2009, 161, 1239-1247.	1.4	7
78	Wnt9b signaling regulates planar cell polarity and kidney tubule morphogenesis. <i>Nature Genetics</i> , 2009, 41, 793-799.	9.4	313
79	A fatal case of necrotizing fasciitis due to bacterial translocation of <i>Klebsiella oxytoca</i> . <i>Journal of Infection and Chemotherapy</i> , 2008, 14, 62-65.	0.8	8
80	Irradiated fibroblast-induced bystander effects on invasive growth of squamous cell carcinoma under cancer-stromal cell interaction. <i>Cancer Science</i> , 2008, 99, 2417-2427.	1.7	53
81	Sclerosing variant of epithelioid angiomyolipoma. <i>Pathology International</i> , 2008, 58, 306-310.	0.6	19
82	Prognostic value of pentraxin 3 in patients with chronic heart failure. <i>International Journal of Cardiology</i> , 2008, 130, 19-22.	0.8	64
83	A New Organotypic Culture of Adipose Tissue Fragments Maintains Viable Mature Adipocytes for a Long Term, Together with Development of Immature Adipocytes and Mesenchymal Stem Cell-Like Cells. <i>Endocrinology</i> , 2008, 149, 4794-4798.	1.4	36
84	An autopsy case of granulocyte-colony-stimulating-factor-producing extrahepatic bile duct carcinoma. <i>World Journal of Gastroenterology</i> , 2008, 14, 2924.	1.4	7
85	Adipocytes and preadipocytes promote the proliferation of colon cancer cells in vitro. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, G923-G929.	1.6	108
86	Culture system for studying thyroid biology. <i>International Congress Series</i> , 2007, 1299, 273-280.	0.2	2
87	Thyroid Tissue-Organotypic Culture Using a New Approach for Overcoming the Disadvantages of Conventional Organ Culture. , 2006, , 411-414.		2
88	Air-liquid interface promotes invasive growth of laryngeal squamous cell carcinoma with or without hypoxia. <i>Biochemical and Biophysical Research Communications</i> , 2005, 326, 866-872.	1.0	10
89	Bone Marrow Stromal Cells, Preadipocytes, and Dermal Fibroblasts Promote Epidermal Regeneration in Their Distinctive Fashions. <i>Molecular Biology of the Cell</i> , 2004, 15, 4647-4657.	0.9	95
90	Characterization of novel squamous cell carcinoma antigen-related molecules in mice. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 1340-1345.	1.0	11

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91	Thyrocytes, but not C cells, actively undergo growth and folliculogenesis at the periphery of thyroid tissue fragments in three-dimensional collagen gel culture. <i>Cell and Tissue Research</i> , 2003, 312, 281-289.	1.5	22
92	Coculture of Endothelial Cells and Mature Adipocytes Actively Promotes Immature Preadipocyte Development In Vitro.. <i>Cell Structure and Function</i> , 2003, 28, 55-60.	0.5	63
93	New supramolecular trigonal prisms from zinc(II)- 1,4,7,10-tetraazacyclododecane (cyclen) complexes and trithiocyanurate in aqueous solution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4894-4899.	3.3	37
94	Nephrotic Syndrome due to Immunologically Mediated Hypocomplementic Glomerulonephritis in a Patient of Waldenström's Macroglobulinemia. <i>Nephron</i> , 2002, 92, 452-455.	0.9	10
95	Crescentic Glomerulonephritis in a Patient with Heterozygous Fabry's Disease. <i>Nephron</i> , 2002, 92, 456-458.	0.9	9
96	A new organotypic culture of thyroid tissue maintains three-dimensional follicles with C cells for a long term. <i>Biochemical and Biophysical Research Communications</i> , 2002, 294, 906-911.	1.0	42
97	Different Effects of Castration and Estrogen Administration on Glomerular Injury in Spontaneously Hyperglycemic Otsuka Long-Evans Tokushima Fatty (OLETF) Rats. <i>Nephron</i> , 2002, 92, 860-867.	0.9	30
98	Title is missing!. <i>Orthopedie Traumatologie</i> , 2002, 12, 20-25.	0.1	2
99	A Double-Functionalized Cyclen with Carbamoyl and Dansyl Groups (Cyclen =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 Td (American Chemical Society, 2001, 123, 1123-1132.	6.6	100
100	Functional outcome of retrograde intramedullary nailing for femoral fractures. <i>Orthopedie Traumatologie</i> , 2001, 11, 29-33.	0.1	1
101	Type III open tibial fractures in children. <i>Orthopedie Traumatologie</i> , 2001, 11, 169-175.	0.1	7
102	Antiangiogenic and antitumor effects of tranilast on mouse lung carcinoma cells.. <i>International Journal of Oncology</i> , 2000, 17, 1151-6.	1.4	10
103	Roxithromycin and clarithromycin, 14-membered ring macrolides, potentiate the antitumor activity of cytotoxic agents against mouse B16 melanoma cells. <i>Cancer Letters</i> , 1999, 147, 17-24.	3.2	26
104	3D-CT angiography of cerebral arteriovenous malformations. <i>Radiation Medicine</i> , 1998, 16, 263-71.	0.8	23
105	Enhancement of the intracranial arterial wall at MR imaging: relationship to cerebral atherosclerosis.. <i>Radiology</i> , 1995, 194, 477-481.	3.6	71
106	Direct cavernous sinus sampling. <i>Radiation Medicine</i> , 1993, 11, 196-200.	0.8	2
107	Cerebral aneurysms: detection and delineation using 3-D-CT angiography. <i>American Journal of Neuroradiology</i> , 1992, 13, 1115-20.	1.2	77
108	Embolization of extensive facial arteriovenous malformation via the orbital branches of the ophthalmic artery. <i>Radiation Medicine</i> , 1991, 9, 98-100.	0.8	6

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109	Contrast-enhanced MR images in patients with meningioma: importance of enhancement of the dura adjacent to the tumor. American Journal of Neuroradiology, 1990, 11, 935-8.	1.2	65
110	Neurofibromatosis types 1 and 2: cranial MR findings.. Radiology, 1989, 172, 527-534.	3.6	209
111	A quantitative Determination for Fluoro-intensity by Means of Fluorescent Antibody Technique. Proceedings of the Japanese Histochemical Association, 1961, 1961, 84-87.	0.0	1
112	STUDIES ON THE STRENGTH-DURATION CURVES OF M WAVE AND H WAVE WITH SPECIAL REFERENCE TO THE MECHANISM OF THE CROSSING OF THE CURVES. The Japanese Journal of Physiology, 1961, 11, 183-193.	0.9	0
113	The Influence of the Skin Microenvironment Air-Liquid Interface on Melanoma. , 0, , .		0