

Shuichi Hirai

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

1,110
citations

489802

18
h-index

536525

29
g-index

79
all docs

79
docs citations

79
times ranked

1518
citing authors

#	ARTICLE	IF	CITATIONS
1	GIT1 is an untolerized autoantigen involved in immunologic disturbance of spermatogenesis. <i>Histochemistry and Cell Biology</i> , 2022, 157, 309-319.	0.8	2
2	Efficacy of urea solution reperfusion to a formalin-embalmed cadaver for surgical skills training. <i>Anatomical Science International</i> , 2022, 97, 264-272.	0.5	3
3	As a Basic Medical Researcher. <i>Journal of the Nihon University Medical Association</i> , 2022, 81, 113-116.	0.0	0
4	A rare third head of the biceps femoris in the posterior thigh. <i>Anatomical Science International</i> , 2021, 96, 157-160.	0.5	1
5	Heat shock protein A4L is a potent autoantigen for testicular autoimmunity in mice. <i>Journal of Reproductive Immunology</i> , 2021, 145, 103318.	0.8	2
6	Efficacy of Methotrexate on Rat Knee Osteoarthritis Induced by Monosodium Iodoacetate. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 3247-3259.	1.6	2
7	The effect of simulation-based education before a cadaver dissection course. <i>Anatomical Sciences Education</i> , 2021, , .	2.5	2
8	Roles of glomerular endothelial hyaluronan in the development of proteinuria. <i>Physiological Reports</i> , 2021, 9, e15019.	0.7	7
9	Anorectal Transplantation. <i>Annals of Surgery</i> , 2021, Publish Ahead of Print, .	2.1	1
10	Age-related exacerbation of hematopoietic organ damage induced by systemic hyper-inflammation in senescence-accelerated mice. <i>Scientific Reports</i> , 2021, 11, 23250.	1.6	7
11	Evaluation of the pressure on the dorsal surface of the distal radius using a cadaveric and computational model: clinical considerations in intersection syndrome and Colles™ fracture. <i>Anatomical Science International</i> , 2020, 95, 38-46.	0.5	4
12	Cardioprotection via Metabolism for Rat Heart Preservation Using the High-Pressure Gaseous Mixture of Carbon Monoxide and Oxygen. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8858.	1.8	10
13	Developing spray-freeze-dried particles containing a hyaluronic acid-coated liposome protamine-DNA complex for pulmonary inhalation. <i>International Journal of Pharmaceutics</i> , 2020, 583, 119338.	2.6	29
14	Fruit Fly, <i>Drosophila melanogaster</i> , as an In Vivo Tool to Study the Biological Effects of Proton Irradiation. <i>Radiation Research</i> , 2020, , .	0.7	0
15	Anatomical relationship between the sagittal band and extensor tendon of the thumb: a focus on variations of the extensor pollicis brevis tendon insertion. <i>Anatomical Science International</i> , 2020, 95, 356-362.	0.5	4
16	Fruit Fly, <i>Drosophila melanogaster</i> , as an In Vivo Tool to Study the Biological Effects of Proton Irradiation. <i>Radiation Research</i> , 2020, 194, 143.	0.7	1
17	Transverse ligament of the elbow joint: an anatomic study of cadavers. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 2253-2258.	1.2	10
18	High-Pressure Carbon Monoxide and Oxygen Mixture is Effective for Lung Preservation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2719.	1.8	5

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19	Different effects of partial pressure in a high-pressure gaseous mixture of carbon monoxide and oxygen for rat heart preservation. <i>Scientific Reports</i> , 2019, 9, 7480.	1.6	3
20	The effectiveness of traditional Japanese medicine Goshajinkigan in irradiation-induced aspermatogenesis in mice. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 362.	3.7	6
21	Breathing hydrogen sulfide prevents delayed paraplegia in mice. <i>Free Radical Biology and Medicine</i> , 2019, 131, 243-250.	1.3	15
22	Spraying urea solution reduces formaldehyde levels during gross anatomy courses. <i>Anatomical Science International</i> , 2019, 94, 209-215.	0.5	5
23	Improvement in Outcomes After Cardiac Arrest and Resuscitation by Inhibition of S-Nitrosoglutathione Reductase. <i>Circulation</i> , 2019, 139, 815-827.	1.6	36
24	Identification of specific genes for untolerized testicular antigen in adult male mice. <i>Reproductive Immunology and Biology</i> , 2019, 34, 27-35.	0.2	0
25	Development of anatomical dynamic model of shoulder joint and surrounding tissue. <i>The Proceedings of the Symposium on Sports and Human Dynamics</i> , 2019, 2019, C-32.	0.0	0
26	Anatomical variations of the torcular Herophili: macroscopic study and clinical aspects. <i>Anatomical Science International</i> , 2018, 93, 464-468.	0.5	14
27	Anatomical variations of the recurrent artery of Heubner: number, origin, and course. <i>Anatomical Science International</i> , 2018, 93, 317-322.	0.5	7
28	Preservation of rat limbs by hyperbaric carbon monoxide and oxygen. <i>Scientific Reports</i> , 2018, 8, 6627.	1.6	5
29	Wrist immobilization position contributing to stabilize a bone fracture fragment after a distal radius fracture. <i>The Proceedings of Mechanical Engineering Congress Japan</i> , 2018, 2018, J0240402.	0.0	0
30	Induction of experimental autoimmune orchitis by immunization with xenogenic testicular germ cells in mice. <i>Journal of Reproductive Immunology</i> , 2017, 121, 11-16.	0.8	6
31	Pathological effect of arterial ischaemia and venous congestion on rat testes. <i>Scientific Reports</i> , 2017, 7, 5422.	1.6	10
32	A novel classification of musculocutaneous nerve variations: The relationship between the communicating branch and transposed innervation of the brachial flexors to the median nerve. <i>Annals of Anatomy</i> , 2017, 209, 45-50.	1.0	14
33	Development of heterotopic transplantation of the testis with the epididymis to evaluate an aspect of testicular immunology in rats. <i>PLoS ONE</i> , 2017, 12, e0177067.	1.1	4
34	Thiamine as a neuroprotective agent after cardiac arrest. <i>Resuscitation</i> , 2016, 105, 138-144.	1.3	49
35	Functional evaluation of rat hearts transplanted after preservation in a high-pressure gaseous mixture of carbon monoxide and oxygen. <i>Scientific Reports</i> , 2016, 6, 32120.	1.6	11
36	Specific autoantigens identified by sera obtained from mice that are immunized with testicular germ cells alone. <i>Scientific Reports</i> , 2016, 6, 35599.	1.6	13

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37	History and future of human cadaver preservation for surgical training: from formalin to saturated salt solution method. <i>Anatomical Science International</i> , 2016, 91, 1-7.	0.5	116
38	Morphological study of the neurovascular bundle to elucidate nerve damage in pelvic surgery. <i>International Journal of Colorectal Disease</i> , 2016, 31, 503-509.	1.0	5
39	S-Nitrosylation of Calcium-Handling Proteins in Cardiac Adrenergic Signaling and Hypertrophy. <i>Circulation Research</i> , 2015, 117, 793-803.	2.0	60
40	Mitochondria-targeted hydrogen sulfide donor AP39 improves neurological outcomes after cardiac arrest in mice. <i>Nitric Oxide - Biology and Chemistry</i> , 2015, 49, 90-96.	1.2	47
41	Low-dose exposure to di-(2-ethylhexyl) phthalate (DEHP) increases susceptibility to testicular autoimmunity in mice. <i>Reproductive Biology</i> , 2015, 15, 163-171.	0.9	30
42	Busulfan pretreatment for transplantation of rat spermatogonia differentially affects immune and reproductive systems in male recipient mice. <i>Anatomical Science International</i> , 2015, 90, 264-274.	0.5	11
43	Scimitar vein descending from the right inferior lobe to the inferior vena cava beneath the diaphragm: a rare case. <i>Anatomical Science International</i> , 2015, 90, 123-125.	0.5	2
44	Contribution of IL-12/IL-35 Common Subunit p35 to Maintaining the Testicular Immune Privilege. <i>PLoS ONE</i> , 2014, 9, e96120.	1.1	24
45	Neonatal estrogen treatment with 1 β -estradiol 17-cypionate induces in post-pubertal mice inflammation in the ductuli efferentes, epididymis, and vas deferens, but not in the testis, provoking obstructive azoospermia. <i>Medical Molecular Morphology</i> , 2014, 47, 21-30.	0.4	17
46	Neonatal exposure to diethylstilbestrol causes granulomatous orchitis via epididymal inflammation. <i>Anatomical Science International</i> , 2014, 89, 215-223.	0.5	14
47	Saturated Salt Solution Method. <i>Medicine (United States)</i> , 2014, 93, e196.	0.4	80
48	Anorectal autotransplantation in a canine model: the first successful report in the short term with the non-laparotomy approach. <i>Scientific Reports</i> , 2014, 4, 6312.	1.6	5
49	Early Postnatal Exposure to a Low Dose of Decabromodiphenyl Ether Affects Expression of Androgen and Thyroid Hormone Receptor-Alpha and Its Splicing Variants in Mouse Sertoli Cells. <i>PLoS ONE</i> , 2014, 9, e114487.	1.1	21
50	Cadmium exposure increases susceptibility to testicular autoimmunity in mice. <i>Journal of Applied Toxicology</i> , 2013, 33, 652-660.	1.4	27
51	Proposal for a new classification of variations in the iliac venous system based on internal iliac veins: a case series and a review of double and left inferior vena cava. <i>Anatomical Science International</i> , 2013, 88, 183-188.	0.5	9
52	Gross anatomical study of bilateral megaureters associated with renal pelvis dilatation and a giant urinary bladder: an adult cadaver with a brief review of the literature. <i>Anatomical Science International</i> , 2013, 88, 171-174.	0.5	2
53	Nine renal arteries in a Japanese female cadaver. <i>Anatomical Science International</i> , 2013, 88, 118-121.	0.5	3
54	Lymphangiogenesis in chronic inflammation in the testis. <i>Andrology</i> , 2013, 1, 147-154.	1.9	14

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55	Serum Autoantibodies in Mice Immunized with Syngeneic Testicular Germ Cells Alone. <i>American Journal of Reproductive Immunology</i> , 2013, 70, 509-517.	1.2	9
56	Effects on the Local Immunity in the Testis by Exposure to Di-(2-ethylhexyl) Phthalate (DEHP) in Mice. <i>Journal of Reproduction and Development</i> , 2013, 59, 485-490.	0.5	13
57	The Effects of Adjuvants on Autoimmune Responses Against Testicular Antigens in Mice. <i>Journal of Reproduction and Development</i> , 2013, 59, 139-144.	0.5	15
58	Preservation by Desiccation of Isolated Rat Hearts for 48 Hours Using Carbon Monoxide (PCO = 4,000) Tj ETQq0 0.0,rgBT /Overlock 10	1.2	12
59	Xenogeneic and endogenous spermatogenesis following transplantation of rat germ cells into testes of immunocompetent mice. <i>Reproduction, Fertility and Development</i> , 2012, 24, 337.	0.1	13
60	The Origin of Lymphatic Capillaries in Murine Testes. <i>Journal of Andrology</i> , 2012, 33, 745-751.	2.0	24
61	Involvement of Fas/Fas α and Bax/Bcl α Systems in Germ Cell Death Following Immunization With Syngeneic Testicular Germ Cells in Mice. <i>Journal of Andrology</i> , 2012, 33, 824-831.	2.0	15
62	Experimental autoimmune orchitis as a model of immunological male infertility. <i>Medical Molecular Morphology</i> , 2012, 45, 185-189.	0.4	50
63	The relationship between Bell α 's palsy and morphometric aspects of the facial nerve. <i>European Archives of Oto-Rhino-Laryngology</i> , 2012, 269, 1691-1695.	0.8	11
64	Postinflammation stage of autoimmune orchitis induced by immunization with syngeneic testicular germ cells alone in mice. <i>Medical Molecular Morphology</i> , 2012, 45, 35-44.	0.4	20
65	Effect of a Magnetic Field on <i>Drosophila</i> under Supercooled Conditions. <i>PLoS ONE</i> , 2012, 7, e51902.	1.1	22
66	Intratesticular Expression of mRNAs of Both Interferon γ and Tumor Necrosis Factor α is Significantly Increased in Experimental Autoimmune Orchitis in Mice. <i>Journal of Reproduction and Development</i> , 2011, 57, 296-302.	0.5	18
67	Experimental model of autoimmune orchitis with abdominal placement of donor's testes, epididymides, and vasa deferentia in recipient mice. <i>Journal of Reproductive Immunology</i> , 2011, 90, 195-201.	0.8	5
68	Multilayered structure of the basal lamina of the tubuli recti in normal mice. <i>Medical Molecular Morphology</i> , 2011, 44, 34-38.	0.4	11
69	A left testicular artery arising from a middle mesenteric artery. <i>Clinical Anatomy</i> , 2011, 24, 266-267.	1.5	3
70	Difference in abundance of blood and lymphatic capillaries in the murine epididymis. <i>Medical Molecular Morphology</i> , 2010, 43, 37-42.	0.4	22
71	Developmental ontogeny of autoantigens associated with localized autoimmunity in murine testis and epididymis. <i>Journal of Reproductive Immunology</i> , 2010, 87, 45-51.	0.8	13
72	The Changes of Cortactin p80/85 Isoform Profiles and Tyrosine Phosphorylation Status During Spermatogenesis in the Mouse Testis. <i>Journal of Andrology</i> , 2010, 31, 507-518.	2.0	4

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73	Effect of unilateral testicular rupture on histopathology and germ cell delayed-type hypersensitivity in C3H/He and A/J mice. <i>Journal of Reproductive Immunology</i> , 2009, 81, 55-61.	0.8	12
74	Histopathology of the tubuli recti at the start of experimental autoimmune orchitis in mice. <i>Medical Molecular Morphology</i> , 2009, 42, 230-235.	0.4	19
75	Splenic cytokines in mice immunized with testicular germ cells. <i>Journal of Developmental and Physical Disabilities</i> , 2008, 31, 471-476.	3.6	13
76	The presence of intra-tubular lymphocytes in normal testis of the mouse. <i>Okajimas Folia Anatomica Japonica</i> , 2008, 85, 91-96.	1.2	11