

# Shuichi Hirai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2779527/publications.pdf>

Version: 2024-02-01

76  
papers

1,110  
citations

430874  
18  
h-index

477307  
29  
g-index

79  
all docs

79  
docs citations

79  
times ranked

1412  
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.	1.7	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.	1.0	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.	1.0	1
5	Heat shock protein A4L is a potent autoantigen for testicular autoimmunity in mice. <i>Journal of Reproductive Immunology</i> , 2021, 145, 103318.	1.9	2
6	Efficacy of Methotrexate on Rat Knee Osteoarthritis Induced by Monosodium Iodoacetate. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 3247-3259.	3.5	2
7	The effect of simulation-based education before a cadaver dissection course. <i>Anatomical Sciences Education</i> , 2021, , .	3.7	2
8	Roles of glomerular endothelial hyaluronan in the development of proteinuria. <i>Physiological Reports</i> , 2021, 9, e15019.	1.7	7
9	Anorectal Transplantation. <i>Annals of Surgery</i> , 2021, Publish Ahead of Print, .	4.2	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.	3.3	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.	1.0	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.	4.1	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.	5.2	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, , .	1.5	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.	1.0	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.	1.5	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.	2.6	10
18	High-Pressure Carbon Monoxide and Oxygen Mixture is Effective for Lung Preservation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2719.	4.1	5

#	ARTICLE	IF	CITATIONS
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.	3.3	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.	2.9	15
22	Spraying urea solution reduces formaldehyde levels during gross anatomy courses. <i>Anatomical Science International</i> , 2019, 94, 209-215.	1.0	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.	1.0	14
27	Anatomical variations of the recurrent artery of Heubner: number, origin, and course. <i>Anatomical Science International</i> , 2018, 93, 317-322.	1.0	7
28	Preservation of rat limbs by hyperbaric carbon monoxide and oxygen. <i>Scientific Reports</i> , 2018, 8, 6627.	3.3	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.	1.9	6
31	Pathological effect of arterial ischaemia and venous congestion on rat testes. <i>Scientific Reports</i> , 2017, 7, 5422.	3.3	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.	1.9	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.	2.5	4
34	Thiamine as a neuroprotective agent after cardiac arrest. <i>Resuscitation</i> , 2016, 105, 138-144.	3.0	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.	3.3	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.	3.3	13

#	ARTICLE	IF	CITATIONS
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.	1.0	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.	2.2	5
39	S-Nitrosylation of Calcium-Handling Proteins in Cardiac Adrenergic Signaling and Hypertrophy. <i>Circulation Research</i> , 2015, 117, 793-803.	4.5	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.	2.7	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.	1.9	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.	1.0	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.	1.0	2
44	Contribution of IL-12/IL-35 Common Subunit p35 to Maintaining the Testicular Immune Privilege. <i>PLoS ONE</i> , 2014, 9, e96120.	2.5	24
45	Neonatal estrogen treatment with 17 $\beta$ -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.	1.0	17
46	Neonatal exposure to diethylstilbestrol causes granulomatous orchitis via epididymal inflammation. <i>Anatomical Science International</i> , 2014, 89, 215-223.	1.0	14
47	Saturated Salt Solution Method. <i>Medicine (United States)</i> , 2014, 93, e196.	1.0	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.	3.3	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.	2.5	21
50	Cadmium exposure increases susceptibility to testicular autoimmunity in mice. <i>Journal of Applied Toxicology</i> , 2013, 33, 652-660.	2.8	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.	1.0	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.	1.0	2
53	Nine renal arteries in a Japanese female cadaver. <i>Anatomical Science International</i> , 2013, 88, 118-121.	1.0	3
54	Lymphangiogenesis in chronic inflammation in the testis. <i>Andrology</i> , 2013, 1, 147-154.	3.5	14

#	ARTICLE	IF	CITATIONS
55	Serum Autoantibodies in Mice Immunized with Syngeneic Testicular Germ Cells Alone. American Journal of Reproductive Immunology, 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. Journal of Reproduction and Development, 2013, 59, 485-490.	1.4	13
57	The Effects of Adjuvants on Autoimmune Responses Against Testicular Antigens in Mice. Journal of Reproduction and Development, 2013, 59, 139-144.	1.4	15
58	Preservation by Desiccation of Isolated Rat Hearts for 48 Hours Using Carbon Monoxide (PCO = 4,000) Tj ETQq0 0.0rgBT /Overlock 10	2.5	12
59	Xenogeneic and endogenous spermatogenesis following transplantation of rat germ cells into testes of immunocompetent mice. Reproduction, Fertility and Development, 2012, 24, 337.	0.4	13
60	The Origin of Lymphatic Capillaries in Murine Testes. Journal of Andrology, 2012, 33, 745-751.	2.0	24
61	Involvement of Fas/FasL and Bax/Bcl2 Systems in Germ Cell Death Following Immunization With Syngeneic Testicular Germ Cells in Mice. Journal of Andrology, 2012, 33, 824-831.	2.0	15
62	Experimental autoimmune orchitis as a model of immunological male infertility. Medical Molecular Morphology, 2012, 45, 185-189.	1.0	50
63	The relationship between Bell's palsy and morphometric aspects of the facial nerve. European Archives of Oto-Rhino-Laryngology, 2012, 269, 1691-1695.	1.6	11
64	Postinflammation stage of autoimmune orchitis induced by immunization with syngeneic testicular germ cells alone in mice. Medical Molecular Morphology, 2012, 45, 35-44.	1.0	20
65	Effect of a Magnetic Field on Drosophila under Supercooled Conditions. PLoS ONE, 2012, 7, e51902.	2.5	22
66	Intratesticular Expression of mRNAs of Both Interferon $\gamma$ and Tumor Necrosis Factor $\alpha$ is Significantly Increased in Experimental Autoimmune Orchitis in Mice. Journal of Reproduction and Development, 2011, 57, 296-302.	1.4	18
67	Experimental model of autoimmune orchitis with abdominal placement of donor's testes, epididymides, and vasa deferentia in recipient mice. Journal of Reproductive Immunology, 2011, 90, 195-201.	1.9	5
68	Multilayered structure of the basal lamina of the tubuli recti in normal mice. Medical Molecular Morphology, 2011, 44, 34-38.	1.0	11
69	A left testicular artery arising from a middle mesenteric artery. Clinical Anatomy, 2011, 24, 266-267.	2.7	3
70	Difference in abundance of blood and lymphatic capillaries in the murine epididymis. Medical Molecular Morphology, 2010, 43, 37-42.	1.0	22
71	Developmental ontogeny of autoantigens associated with localized autoimmunity in murine testis and epididymis. Journal of Reproductive Immunology, 2010, 87, 45-51.	1.9	13
72	The Changes of Cortactin p80/85 Isoform Profiles and Tyrosine Phosphorylation Status During Spermatogenesis in the Mouse Testis. Journal of Andrology, 2010, 31, 507-518.	2.0	4

#	ARTICLE	IF	CITATIONS
73	Effect of unilateral testicular rupture on histopathology and germ cell delayed-type hypersensitivity in C3H/He and A/J mice. Journal of Reproductive Immunology, 2009, 81, 55-61.	1.9	12
74	Histopathology of the tubuli recti at the start of experimental autoimmune orchitis in mice. Medical Molecular Morphology, 2009, 42, 230-235.	1.0	19
75	Splenic cytokines in mice immunized with testicular germ cells. Journal of Developmental and Physical Disabilities, 2008, 31, 471-476.	3.6	13
76	The presence of intra-tubular lymphocytes in normal testis of the mouse. Okajimas Folia Anatomica Japonica, 2008, 85, 91-96.	1.2	11