

Takahiko Mitsui

List of Publications by Year in descending order

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67
papers

1,058
citations

394390

19
h-index

454934

30
g-index

68
all docs

68
docs citations

68
times ranked

1442
citing authors

#	ARTICLE	IF	CITATIONS
1	Association between Maternal Exposure to di(2-ethylhexyl) Phthalate and Reproductive Hormone Levels in Fetal Blood: The Hokkaido Study on Environment and Children's Health. PLoS ONE, 2014, 9, e109039.	2.5	104
2	Association of perfluoroalkyl substances exposure in utero with reproductive hormone levels in cord blood in the Hokkaido Study on Environment and Children's Health. Environment International, 2016, 94, 51-59.	10.0	90
3	The Association of Prenatal Exposure to Perfluorinated Chemicals with Glucocorticoid and Androgenic Hormones in Cord Blood Samples: The Hokkaido Study. Environmental Health Perspectives, 2017, 125, 111-118.	6.0	77
4	Prenatal di(2-ethylhexyl) phthalate exposure and disruption of adrenal androgens and glucocorticoids levels in cord blood: The Hokkaido Study. Science of the Total Environment, 2017, 581-582, 297-304.	8.0	54
5	Prenatal organochlorine pesticide exposure and the disruption of steroids and reproductive hormones in cord blood: The Hokkaido study. Environment International, 2018, 110, 1-13.	10.0	47
6	Cord Blood Bisphenol A Levels and Reproductive and Thyroid Hormone Levels of Neonates. Epidemiology, 2017, 28, S3-S9.	2.7	44
7	Connexin43 Contributes to Inflammation Activation and Lipopolysaccharide-Initiated Acute Renal Injury via Modulation of Intracellular Oxidative Status. Antioxidants and Redox Signaling, 2019, 31, 1194-1212.	5.4	38
8	Effects of Prenatal Leydig Cell Function on the Ratio of the Second to Fourth Digit Lengths in School-Aged Children. PLoS ONE, 2015, 10, e0120636.	2.5	36
9	Connexin43 hemichannels contributes to the disassembly of cell junctions through modulation of intracellular oxidative status. Redox Biology, 2016, 9, 198-209.	9.0	35
10	Clock Genes Regulate the Circadian Expression of Piezo1, TRPV4, Connexin26, and VNUT in an Ex Vivo Mouse Bladder Mucosa. PLoS ONE, 2017, 12, e0168234.	2.5	34
11	Pharmacological levels of hydrogen sulfide inhibit oxidative cell injury through regulating the redox state of thioredoxin. Free Radical Biology and Medicine, 2019, 134, 190-199.	2.9	28
12	Effects of adrenal androgens during the prenatal period on the second to fourth digit ratio in school-aged children. Steroids, 2016, 113, 46-51.	1.8	26
13	Induction of inactive TGF- β 1 monomer formation by hydrogen sulfide contributes to its suppressive effects on Ang II- and TGF- β 1-induced EMT in renal tubular epithelial cells. Biochemical and Biophysical Research Communications, 2018, 501, 534-540.	2.1	26
14	Sex-related differences in the associations between maternal dioxin-like compounds and reproductive and steroid hormones in cord blood: The Hokkaido study. Environment International, 2018, 117, 175-185.	10.0	24
15	The oscillation of intracellular Ca ²⁺ influx associated with the circadian expression of Piezo1 and TRPV4 in the bladder urothelium. Scientific Reports, 2018, 8, 5699.	3.3	23
16	The Relationship between the Second-to-Fourth Digit Ratio and Behavioral Sexual Dimorphism in School-Aged Children. PLoS ONE, 2016, 11, e0146849.	2.5	22
17	AMPK Suppresses Connexin43 Expression in the Bladder and Ameliorates Voiding Dysfunction in Cyclophosphamide-induced Mouse Cystitis. Scientific Reports, 2016, 6, 19708.	3.3	22
18	Metabolomics Approach to Male Lower Urinary Tract Symptoms: Identification of Possible Biomarkers and Potential Targets for New Treatments. Journal of Urology, 2018, 199, 1312-1318.	0.4	22

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19	The <i>Clock</i> mutant mouse is a novel experimental model for nocturia and nocturnal polyuria. <i>Neurourology and Urodynamics</i> , 2017, 36, 1034-1038.	1.5	20
20	Intermittent restraint stress induces circadian misalignment in the mouse bladder, leading to nocturia. <i>Scientific Reports</i> , 2019, 9, 10069.	3.3	18
21	The Circadian expression of <i>Piezo1</i> , <i>TRPV4</i> , <i>Connexin26</i> , and <i>VNUT</i> , associated with the expression levels of the clock genes in mouse primary cultured urothelial cells. <i>Neurourology and Urodynamics</i> , 2018, 37, 942-951.	1.5	16
22	Hydrogen sulfide donor NaHS alters antibody structure and function via sulfhydrylation. <i>International Immunopharmacology</i> , 2019, 73, 491-501.	3.8	16
23	Carbenoxolone inhibits TRPV4 channel-initiated oxidative urothelial injury and ameliorates cyclophosphamide-induced bladder dysfunction. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 1791-1802.	3.6	14
24	Tanshinone IIA Stimulates Cystathionine β -Lyase Expression and Protects Endothelial Cells from Oxidative Injury. <i>Antioxidants</i> , 2021, 10, 1007.	5.1	13
25	Detrusor pressures in urodynamic studies during voiding in women. <i>International Urogynecology Journal</i> , 2017, 28, 783-787.	1.4	12
26	Effects of prenatal sex hormones on behavioral sexual dimorphism. <i>Pediatrics International</i> , 2019, 61, 140-146.	0.5	12
27	The role of serotonergic mechanism in the rat prefrontal cortex for controlling the micturition reflex: An in vivo microdialysis study. <i>Neurourology and Urodynamics</i> , 2016, 35, 902-907.	1.5	11
28	Association of exposure to prenatal phthalate esters and bisphenol A and polymorphisms in the ESR1 gene with the second to fourth digit ratio in school-aged children: Data from the Hokkaido study. <i>Steroids</i> , 2020, 159, 108637.	1.8	11
29	The time-dependent variation of ATP release in mouse primary cultured urothelial cells is regulated by the clock gene. <i>Neurourology and Urodynamics</i> , 2018, 37, 2535-2543.	1.5	10
30	Bladder cancer prospective cohort study on high-risk non-muscle invasive bladder cancer after photodynamic diagnosis-assisted transurethral resection of the bladder tumor (BRIGHT study). <i>International Journal of Urology</i> , 2022, 29, 632-638.	1.0	10
31	Different effects of GsMTx4 on nocturia associated with the circadian clock and Piezo1 expression in mice. <i>Life Sciences</i> , 2021, 278, 119555.	4.3	9
32	Laparoscopic Unilateral Total and Contralateral Subtotal Adrenalectomy for Bilateral Adrenocorticotrophic Hormone-Secreting Pheochromocytoma: Report of a Rare Case. <i>Journal of Endourology Case Reports</i> , 2016, 2, 232-234.	0.3	8
33	Metabolomic Analysis of Overactive Bladder in Male Patients: Identification of Potential Metabolite Biomarkers. <i>Urology</i> , 2018, 118, 158-163.	1.0	8
34	Association between ESR1 polymorphisms and second to fourth digit ratio in school-aged children in the Hokkaido Study. <i>Steroids</i> , 2019, 141, 55-62.	1.8	8
35	Hypoxia-induced thyroid hormone receptor expression regulates cell-cycle progression in renal tubule epithelial cells. <i>Endocrine Journal</i> , 2021, 68, 1309-1320.	1.6	8
36	Mayo Adhesive Probability Score Is Associated with the Operative Time in Laparoscopic Adrenalectomy. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2022, 32, 595-599.	1.0	8

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37	Upregulation of connexin43 contributes to PX-12-induced oxidative cell death. <i>Tumor Biology</i> , 2016, 37, 7535-7546.	1.8	7
38	Differences in neurotransmitter systems of ventrolateral periaqueductal gray between the micturition reflex and nociceptive regulation: An <i>in vivo</i> microdialysis study. <i>International Journal of Urology</i> , 2016, 23, 593-598.	1.0	7
39	Melatonin Improves Erectile Function in Rats with Chronic Lower Body Ischemia. <i>Journal of Sexual Medicine</i> , 2016, 13, 179-186.	0.6	6
40	Associations among maternal perfluoroalkyl substance levels, fetal sex-hormone enzymatic gene polymorphisms, and fetal sex hormone levels in the Hokkaido study. <i>Reproductive Toxicology</i> , 2021, 105, 221-231.	2.9	6
41	Successful Radiotherapy for Advanced Small Cell Carcinoma of the Prostate with Syndrome of Inappropriate Secretion of Antidiuretic Hormone. <i>Urology Case Reports</i> , 2017, 13, 147-148.	0.3	5
42	Urinary metabolites identified using metabolomic analysis as potential biomarkers of nocturia in elderly men. <i>World Journal of Urology</i> , 2020, 38, 2563-2569.	2.2	5
43	Effects of fatty acid metabolites on nocturia. <i>Scientific Reports</i> , 2022, 12, 3050.	3.3	5
44	Mirabegron for overactive bladder in frail patients 80 years or over (HOKUTO study). <i>BMC Urology</i> , 2022, 22, 40.	1.4	5
45	Tadalafil attenuates hypotonicity-induced Ca^{2+} influx via TRPV2 and TRPV4 in primary rat bladder urothelial cell cultures. <i>Neurourology and Urodynamics</i> , 2018, 37, 1541-1548.	1.5	4
46	Relationship between adrenal steroid hormones in cord blood and birth weight: The Sapporo Cohort, Hokkaido Study on Environment and Children's Health. <i>American Journal of Human Biology</i> , 2018, 30, e23127.	1.6	4
47	Lack of Change in the Adaptation Ability of the Bladder for the Urine Production Rate in Aged Men with Nocturia. <i>Urologia Internationalis</i> , 2018, 100, 445-449.	1.3	4
48	Liquid chromatography-mass spectrometry identification of serum biomarkers for nocturia in aged men. <i>World Journal of Urology</i> , 2019, 37, 2199-2205.	2.2	4
49	Effect of the occupational environment of parents on cryptorchidism. <i>Pediatrics International</i> , 2020, 62, 1256-1263.	0.5	4
50	Effects of the prenatal environment on cryptorchidism: A narrative review. <i>International Journal of Urology</i> , 2021, 28, 882-889.	1.0	4
51	Construction of Neourethra Using Flipped Anterior Bladder Wall Tube in a Prepubertal Girl with Complete Disruption of Urethra. <i>Urology</i> , 2010, 76, 112-114.	1.0	3
52	Hemorrhagic Renal Angiomyolipoma in Pregnancy Effectively Managed by Immediate Cesarean Section and Elective Transcatheter Arterial Embolization: A Case Report. <i>Journal of Endourology Case Reports</i> , 2016, 2, 65-67.	0.3	3
53	Tuberculous Granuloma in the Scrotal Skin After Intravesical Bacillus Calmette-Guerin Therapy for Bladder Cancer: A Case Report. <i>Urology Case Reports</i> , 2017, 11, 4-6.	0.3	3
54	Development of novel and non-invasive diagnostic markers for lower urinary tract symptoms using urothelial cells in voided urine. <i>Neurourology and Urodynamics</i> , 2018, 37, 1137-1143.	1.5	3

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55	Persistent Urinary Incontinence After Nephrectomy: A Case of Inverted-Y Ureteral Duplication with Ectopic Ureteral Insertion into the Vagina. <i>Urology Case Reports</i> , 2016, 9, 58-61.	0.3	2
56	Metabolomics analysis of blood identifies potential biomarkers and possible treatment targets for nocturia. <i>Therapeutic Advances in Urology</i> , 2019, 11, 175628721985008.	2.0	2
57	A case of subcutaneous leiomyosarcoma of the scrotum presenting as a slowly growing mass in a 36-year-old male: A case report and literature review. <i>Urology Case Reports</i> , 2019, 23, 90-91.	0.3	2
58	A case of urethral metastasis of castration-resistant prostate cancer successfully cured with CyberKnife radiosurgery. <i>Urology Case Reports</i> , 2020, 33, 101346.	0.3	2
59	Feasibility and necessity of the fourth arm of the da Vinci Si surgical system for robot-assisted partial nephrectomy. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2020, 16, e2092.	2.3	2
60	Complete Laparoscopic Nephroureterectomy for the Upper Urinary Tract Urothelial Carcinoma in a Female Patient with Severe Senile Kyphosis: An Initial Case Report. <i>Journal of Endourology Case Reports</i> , 2015, 1, 56-58.	0.3	1
61	Impact of posterior urethral diameter/external urethral sphincter diameter as a new tool to predict detrusor pressure in the voiding phase. <i>International Urology and Nephrology</i> , 2018, 50, 211-215.	1.4	0
62	Ileocystoplasty with ureteral reimplantation into the afferent ileal limb for high-grade vesicoureteral reflux in a boy with lower urinary tract dysfunction. <i>Journal of Pediatric Surgery Case Reports</i> , 2018, 35, 1-3.	0.2	0
63	Metabolism of fatty acids and bile acids in plasma is associated with overactive bladder in males: potential biomarkers and targets for novel treatments in a metabolomics analysis. <i>International Urology and Nephrology</i> , 2020, 52, 233-238.	1.4	0
64	Caliceal diverticulum with ureteropelvic junction obstruction in a dysplastic kidney: a pediatric case report. <i>CEN Case Reports</i> , 2021, 10, 332-335.	0.9	0
65	Potential Targets for Overactive Bladder in Older Men Based on Urinary Analysis of Metabolomics. <i>Urologia Internationalis</i> , 2021, , 1-7.	1.3	0
66	Association of exposure to prenatal perfluoroalkyl substances and estrogen receptor 1 polymorphisms with the second to fourth digit ratio in school-aged children: The Hokkaido study. <i>Reproductive Toxicology</i> , 2022, 109, 10-18.	2.9	0
67	Risk Factors for Atelectasis or Pneumomediastinum After Robot-Assisted Partial Nephrectomy. <i>Cureus</i> , 2021, 13, e20383.	0.5	0