

Akihiro Ito

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

2,159
citations

257101

24
h-index

288905

40
g-index

115
all docs

115
docs citations

115
times ranked

2662
citing authors

#	ARTICLE	IF	CITATIONS
1	Prospective Randomized Phase II Trial of a Single Early Intravesical Instillation of Pirarubicin (THP) in the Prevention of Bladder Recurrence After Nephroureterectomy for Upper Urinary Tract Urothelial Carcinoma: The THP Monotherapy Study Group Trial. <i>Journal of Clinical Oncology</i> , 2013, 31, 1422-1427.	0.8	179
2	LAPAROSCOPIC PARTIAL VERSUS TOTAL ADRENALECTOMY FOR ALDOSTERONE PRODUCING ADENOMA. <i>Journal of Urology</i> , 2005, 174, 40-43.	0.2	107
3	In situ androgen producing enzymes in human prostate cancer. <i>Endocrine-Related Cancer</i> , 2005, 12, 101-107.	1.6	84
4	Ganglioside DSGb5, preferred ligand for Siglec-7, inhibits NK cell cytotoxicity against renal cell carcinoma cells. <i>Glycobiology</i> , 2010, 20, 1373-1379.	1.3	84
5	Nerves at the Ventral Prostatic Capsule Contribute to Erectile Function: Initial Electrophysiological Assessment in Humans. <i>European Urology</i> , 2009, 55, 148-155.	0.9	74
6	Human α 2,3-Sialyltransferase (ST3Gal II) Is a Stage-specific Embryonic Antigen-4 Synthase. <i>Journal of Biological Chemistry</i> , 2003, 278, 26474-26479.	1.6	59
7	Steroid sulfatase and estrogen sulfotransferase in human prostate cancer. <i>Prostate</i> , 2006, 66, 1005-1012.	1.2	55
8	A Novel Ganglioside Isolated from Renal Cell Carcinoma. <i>Journal of Biological Chemistry</i> , 2001, 276, 16695-16703.	1.6	54
9	Sialosyl-Lex expression defines invasive and metastatic properties of bladder carcinoma. <i>Cancer</i> , 2002, 94, 673-685.	2.0	52
10	Binding specificity of siglec7 to disialogangliosides of renal cell carcinoma: possible role of disialogangliosides in tumor progression. <i>FEBS Letters</i> , 2001, 504, 82-86.	1.3	50
11	Monosialyl-Gb5 organized with cSrc and FAK in GEM of human breast carcinoma MCF-7 cells defines their invasive properties. <i>FEBS Letters</i> , 2002, 531, 93-98.	1.3	48
12	18-Oxocortisol Synthesis in Aldosterone-Producing Adrenocortical Adenoma and Significance of <i>KCNJ5</i> Mutation Status. <i>Hypertension</i> , 2019, 73, 1283-1290.	1.3	48
13	Binding specificity of siglec7 to disialogangliosides of renal cell carcinoma: possible role of disialogangliosides in tumor progression. <i>FEBS Letters</i> , 2001, 498, 116-120.	1.3	47
14	Intraoperative, radio-guided sentinel lymph node mapping in laparoscopic lymph node dissection for Stage I testicular carcinoma. <i>Cancer</i> , 2005, 103, 2067-2072.	2.0	44
15	Identification and expression of a sialyltransferase responsible for the synthesis of disialylgalactosylgloboside in normal and malignant kidney cells: downregulation of ST6GalNAc VI in renal cancers. <i>Biochemical Journal</i> , 2007, 402, 459-470.	1.7	42
16	Expression of Globo-series Gangliosides in Human Renal Cell Carcinoma. <i>Japanese Journal of Cancer Research</i> , 1997, 88, 652-659.	1.7	41
17	Quality of life after radical prostatectomy in Japanese men: A 5-year follow up study. <i>International Journal of Urology</i> , 2009, 16, 75-81.	0.5	37
18	Intravesical Seeding of Upper Urinary Tract Urothelial Carcinoma Cells During Nephroureterectomy: An Exploratory Analysis from the THPMG Trial. <i>Japanese Journal of Clinical Oncology</i> , 2013, 43, 1139-1144.	0.6	34

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19	High-definition resolution three-dimensional imaging systems in laparoscopic radical prostatectomy: randomized comparative study with high-definition resolution two-dimensional systems. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2015, 29, 2203-2209.	1.3	32
20	Single-center Outcome of Laparoscopic Unilateral Adrenalectomy for Patients With Primary Aldosteronism: Lateralizing Disease Using Results of Adrenal Venous Sampling. <i>Urology</i> , 2011, 78, 68-73.	0.5	31
21	Metabolomic Analysis to Elucidate Mechanisms of Sunitinib Resistance in Renal Cell Carcinoma. <i>Metabolites</i> , 2021, 11, 1.	1.3	31
22	Clinical implications of intravesical recurrence after radical nephroureterectomy for upper urinary tract urothelial carcinoma. <i>International Journal of Urology</i> , 2016, 23, 378-384.	0.5	28
23	Inhibition of motility and invasiveness of renal cell carcinoma induced by short interfering RNA transfection of β 1,4GalNAc transferase. <i>FEBS Letters</i> , 2004, 567, 203-208.	1.3	26
24	Simultaneous analysis of oral anticancer drugs for renal cell carcinoma in human plasma using liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2018, 32, e4184.	0.8	25
25	Relationships between sunitinib plasma concentration and clinical outcomes in Japanese patients with metastatic renal cell carcinoma. <i>International Journal of Clinical Oncology</i> , 2018, 23, 936-943.	1.0	25
26	Clinical significance of ST3Gal IV expression in human renal cell carcinoma. <i>Oncology Reports</i> , 2002, 9, 1251-5.	1.2	25
27	Laparoscopic simultaneous bilateral adrenalectomy: Assessment of feasibility and potential indications. <i>International Journal of Urology</i> , 2011, 18, 762-767.	0.5	24
28	Long-term quality of life after radical prostatectomy: 8-year longitudinal study in Japan. <i>International Journal of Urology</i> , 2014, 21, 1220-1226.	0.5	24
29	Monoclonal antibody (5F3) defining renal cell carcinoma-associated antigen disialosyl globopentaosylceramide (V3NeuAcIV6NeuAcGb5), and distribution pattern of the antigen in tumor and normal tissues. <i>Glycoconjugate Journal</i> , 2001, 18, 475-485.	1.4	23
30	Five-year Follow-up of Health-related Quality of Life after Intensity-modulated Radiation Therapy for Prostate Cancer. <i>Japanese Journal of Clinical Oncology</i> , 2009, 39, 732-738.	0.6	22
31	Haptoglobin β 2 chain defined by monoclonal antibody RM2 as a novel serum marker for prostate cancer. <i>International Journal of Cancer</i> , 2008, 123, 633-640.	2.3	21
32	Value of global metabolomics in association with diagnosis and clinicopathological factors of renal cell carcinoma. <i>International Journal of Cancer</i> , 2019, 145, 484-493.	2.3	21
33	Adrenal metastasis from renal cell carcinoma: Significance of adrenalectomy. <i>International Journal of Urology</i> , 2002, 9, 125-128.	0.5	20
34	RM2 antigen (β 1,4-GalNAc-disialyl-Lc4) as a new marker for prostate cancer. <i>International Journal of Cancer</i> , 2005, 115, 105-113.	2.3	19
35	Surgical outcomes of laparoscopic adrenalectomy for patients with Cushing's and subclinical Cushing's syndrome: a single center experience. <i>International Urology and Nephrology</i> , 2011, 43, 975-981.	0.6	19
36	Radical prostatectomy for high-risk prostate cancer: Biochemical outcome. <i>International Journal of Urology</i> , 2009, 16, 733-738.	0.5	18

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37	Quality of life after radical prostatectomy in elderly men. <i>International Journal of Urology</i> , 2009, 16, 813-819.	0.5	17
38	Estimated Minimal Residual Membranous Urethral Length on Preoperative Magnetic Resonance Imaging Can Be a New Predictor for Continence After Radical Prostatectomy. <i>Urology</i> , 2018, 112, 138-144.	0.5	17
39	Clinical significance of the Lacdi NA α -glycosylated prostate-specific antigen assay for prostate cancer detection. <i>Cancer Science</i> , 2019, 110, 2573-2589.	1.7	17
40	Renal Injuries in Primary Aldosteronism: Quantitative Histopathological Analysis of 19 Patients With Primary Adosteronism. <i>Hypertension</i> , 2021, 78, 411-421.	1.3	17
41	Enhanced GM3 expression, associated with decreased invasiveness, is induced by brefeldin A in bladder cancer cells. <i>International Journal of Oncology</i> , 2001, 19, 723.	1.4	16
42	Recovery of health related quality of life after radical prostatectomy in Japanese men: A longitudinal study. <i>International Journal of Urology</i> , 2004, 11, 742-749.	0.5	16
43	The Relationships Between Preoperative Sexual Desire and Quality of Life Following Radical Prostatectomy: A 5-Year Follow-Up Study. <i>Journal of Sexual Medicine</i> , 2012, 9, 2448-2456.	0.3	16
44	Inverse Relationship of Expression between GM3 and Globo-Series Ganglioside in Human Renal Cell Carcinoma. <i>Tohoku Journal of Experimental Medicine</i> , 2000, 190, 271-278.	0.5	15
45	Experience of the treatment with gemcitabine, docetaxel, and carboplatin (GDC) chemotherapy for patients with small-cell carcinoma of the prostate. <i>International Journal of Urology</i> , 2006, 13, 1254-1258.	0.5	15
46	Extraperitoneal laparoscopic retroperitoneal lymph node dissection after chemotherapy for nonseminomatous testicular germ-cell tumor: surgical and oncological outcomes. <i>International Urology and Nephrology</i> , 2012, 44, 1389-1395.	0.6	15
47	Efficacy of early ureteral ligation on prevention of intravesical recurrence after radical nephroureterectomy for upper urinary tract urothelial carcinoma: a prospective single-arm multicenter clinical trial. <i>Japanese Journal of Clinical Oncology</i> , 2017, 47, 870-875.	0.6	15
48	Stage-specific embryonic antigen-4 is a histological marker reflecting the malignant behavior of prostate cancer. <i>Glycoconjugate Journal</i> , 2019, 36, 409-418.	1.4	15
49	Anterior apical biopsy: Is it useful for prostate cancer detection?. <i>International Journal of Urology</i> , 2008, 15, 900-904.	0.5	14
50	Clinical significance of ST3Gal IV expression in human renal cell carcinoma. <i>Oncology Reports</i> , 2002, 9, 1251.	1.2	13
51	Ganglioside, Disialosyl Globopentaosylceramide (DSCb5), Enhances the Migration of Renal Cell Carcinoma Cells. <i>Tohoku Journal of Experimental Medicine</i> , 2015, 236, 1-7.	0.5	13
52	Accurate quantification of urinary metabolites for predictive models manifest clinicopathology of renal cell carcinoma. <i>Cancer Science</i> , 2020, 111, 2570-2578.	1.7	13
53	Four New Human Renal Cell Carcinoma Cell Lines Expressing Globo-Series Gangliosides.. <i>Tohoku Journal of Experimental Medicine</i> , 1999, 189, 95-105.	0.5	12
54	Clinical features of testicular tumors in children. <i>International Journal of Urology</i> , 2004, 11, 890-893.	0.5	12

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55	Intravenous extended liposarcoma arising from renal sinus. <i>International Journal of Urology</i> , 2007, 14, 769-770.	0.5	12
56	Monthly paclitaxel and carboplatin with oral estramustine phosphate in patients with hormone-refractory prostate cancer. <i>International Journal of Clinical Oncology</i> , 2005, 10, 333-337.	1.0	11
57	Surgical and Oncologic Outcomes of Laparoscopic Partial Nephrectomy: A Japanese Multi-Institutional Study of 1375 Patients. <i>Journal of Endourology</i> , 2012, 26, 652-659.	1.1	11
58	Phosphodiesterase type 5 inhibitor attenuates chronic ischemia-induced prostatic hyperplasia in a rat model. <i>Prostate</i> , 2019, 79, 536-543.	1.2	11
59	OUP accepted manuscript. <i>Japanese Journal of Clinical Oncology</i> , 2018, 48, 94-97.	0.6	11
60	The significance of resections for residual masses after chemotherapy in metastatic testicular tumors. <i>International Journal of Urology</i> , 1999, 6, 305-313.	0.5	10
61	The Outcome of Prostate Cancer Screening in a Normal Japanese Population with PSA of 2-4 ng/ml and the Free/Total PSA Under 12%. <i>Japanese Journal of Clinical Oncology</i> , 2008, 38, 844-848.	0.6	10
62	Long-term quality of life following primary treatment in men with clinical stage T3 prostate cancer. <i>Quality of Life Research</i> , 2011, 20, 111-118.	1.5	10
63	Low-dose maintenance gemcitabine-carboplatin chemotherapy could be an alternative to continuous standard chemotherapy for patients with metastatic urothelial carcinoma. <i>International Journal of Urology</i> , 2014, 21, 1114-1119.	0.5	10
64	Low Percentage of Free Prostate-specific Antigen (PSA) Is a Strong Predictor of Later Detection of Prostate Cancer Among Japanese Men With Serum Levels of Total PSA of 4.0Ång/mL or Less. <i>Urology</i> , 2014, 84, 1163-1167.	0.5	10
65	Predictive model for recurrence of renal cell carcinoma by comparing pre- and postoperative urinary metabolite concentrations. <i>Cancer Science</i> , 2022, 113, 182-194.	1.7	10
66	Renal Hypothermia Using Ice-cold Saline for Retroperitoneal Laparoscopic Partial Nephrectomy: Evaluation of Split Renal Function With Technetium-99m-Dimercaptosuccinic Acid Renal Scintigraphy. <i>Urology</i> , 2011, 77, 814-818.	0.5	9
67	Urinary straining contributes to inguinal hernia after radical retropubic prostatectomy. <i>International Journal of Urology</i> , 2016, 23, 478-483.	0.5	9
68	Electrostimulation of sympathetic nerve fibers during nerve-sparing laparoscopic retroperitoneal lymph node dissection in testicular tumor. <i>International Journal of Urology</i> , 2003, 10, 284-286.	0.5	8
69	Relevance of postcatheter removal incontinence to postoperative urinary function after radical prostatectomy. <i>International Journal of Urology</i> , 2006, 13, 1191-1196.	0.5	8
70	Impact of unilateral interposition sural nerve graft on the recovery of sexual function after radical prostatectomy in Japanese men: A preliminary study. <i>International Journal of Urology</i> , 2007, 14, 133-139.	0.5	8
71	Infliximab-Induced Tubulointerstitial Nephritis with Image Findings of Striated Nephrogram in Crohn's Disease. <i>Tohoku Journal of Experimental Medicine</i> , 2018, 245, 149-152.	0.5	8
72	A Case of Adult Metastatic Rhabdomyosarcoma of the Prostate Cured by Long-Term Chemotherapy with Local Radiation. <i>Urologia Internationalis</i> , 2019, 102, 118-121.	0.6	8

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73	Characteristics of α 2,3-sialyl N-glycosylated PSA as a biomarker for clinically significant prostate cancer in men with elevated PSA level. <i>Prostate</i> , 2021, 81, 1411-1427.	1.2	8
74	Retroperitoneoscopic Transureteroureterostomy with Cutaneous Ureterostomy to Salvage Failed Ileal Conduit Urinary Diversion. <i>European Urology</i> , 2011, 59, 875-878.	0.9	7
75	Differentiating rectal carcinoma by an immunohistological analysis of carcinomas of pelvic organs based on the NCBI Literature Survey and the Human Protein Atlas database. <i>Surgery Today</i> , 2012, 42, 515-525.	0.7	7
76	Clinicopathological significance of ganglioside DSGb5 expression in renal cell carcinoma. <i>Glycoconjugate Journal</i> , 2017, 34, 267-273.	1.4	7
77	Changes in quality of life after laparoscopic adrenalectomy for patients with primary aldosteronism: Prospective 2-year longitudinal cohort study in a Japanese tertiary center. <i>International Journal of Urology</i> , 2019, 26, 752-753.	0.5	7
78	Machine learning diagnosis by immunoglobulin N-glycan signatures for precision diagnosis of urological diseases. <i>Cancer Science</i> , 2022, 113, 2434-2445.	1.7	7
79	Salvage Chemotherapy with Docetaxel, Ifosfamide and Nedaplatin (DIN) for Patients with Advanced Germ Cell Tumors: A Preliminary Report. <i>Japanese Journal of Clinical Oncology</i> , 2013, 43, 734-739.	0.6	6
80	A Case of Renal Cell Carcinoma with Inferior Vena Cava Tumor Thrombus Diagnosed during Pregnancy. <i>Urologia Internationalis</i> , 2014, 92, 122-124.	0.6	6
81	Impact of Tissue Sealing Sheet on Erectile Dysfunction in a Rat Model of Nerve-Sparing Radical Prostatectomy. <i>Journal of Sexual Medicine</i> , 2016, 13, 1448-1454.	0.3	6
82	Roles of GalNAc-disialyl Lactotetraosyl Antigens in Renal Cancer Cells. <i>Scientific Reports</i> , 2018, 8, 7017.	1.6	6
83	Severe toxicity induced by accumulation of active sunitinib metabolite in a Japanese patient with renal cell carcinoma: a case report. <i>Journal of Medical Case Reports</i> , 2017, 11, 28.	0.4	5
84	IPSILATERAL SEMINAL EMISSION GENERATED BY ELECTROSTIMULATION OF THE LUMBAR SYMPATHETIC NERVE DURING NERVE SPARING LAPAROSCOPIC RETROPERITONEAL LYMPH NODE DISSECTION FOR TESTICULAR CANCER. <i>Journal of Urology</i> , 2004, 172, 928-931.	0.2	4
85	Spontaneous regression of pulmonary metastases from testicular embryonal carcinoma. <i>International Journal of Urology</i> , 2008, 15, 265-266.	0.5	4
86	Impact of prostate size on urinary quality of life scores after open radical prostatectomy: A single-center experience. <i>Scandinavian Journal of Urology</i> , 2014, 48, 146-152.	0.6	4
87	Phosphodiesterase type 5 inhibitor administered immediately after radical prostatectomy temporarily increases the need for incontinence pads, but improves final continence status. <i>Investigative and Clinical Urology</i> , 2016, 57, 357.	1.0	4
88	Serum luteinizing hormone concentration is significantly associated with recovery of urinary function after radical prostatectomy. <i>BJU International</i> , 2016, 117, 450-455.	1.3	4
89	Improvement of Cardiac Function by Laparoscopic Adrenalectomy in a Patient with Severe Heart Failure Attributable to Primary Aldosteronism. <i>Tohoku Journal of Experimental Medicine</i> , 2019, 248, 31-36.	0.5	4
90	Impact of cancer therapy on post-treatment ejaculation disorder and sexual life in testicular cancer survivors. <i>International Journal of Urology</i> , 2021, 28, 69-74.	0.5	4

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91	Expression of Ganglioside Disialosyl Globopentaosyl Ceramide in Prostate Biopsy Specimens as a Predictive Marker for Recurrence after Radical Prostatectomy. <i>Tohoku Journal of Experimental Medicine</i> , 2020, 252, 1-8.	0.5	4
92	Lumbar Incisional Hernia of the Kidney after Laparoscopic Adrenalectomy in a Patient with Cushing's Syndrome. <i>Urologia Internationalis</i> , 2011, 87, 369-371.	0.6	3
93	Chemotherapy with Gemcitabine and Cisplatin for Advanced Ductal Adenocarcinoma of the Prostate: Clinical Courses of Two Patients. <i>Tohoku Journal of Experimental Medicine</i> , 2015, 237, 317-321.	0.5	3
94	Unique Sex Steroid Profiles in Estrogen-Producing Adrenocortical Adenoma Associated With Bilateral Hyperaldosteronism. <i>Journal of the Endocrine Society</i> , 2020, 4, bvaa004.	0.1	3
95	The Piezo Actuator-Driven Pulsed Water Jet System for Minimizing Renal Damage after Off-Clamp Laparoscopic Partial Nephrectomy. <i>Tohoku Journal of Experimental Medicine</i> , 2017, 243, 57-65.	0.5	2
96	Clinical predictors of the estimated glomerular filtration rate 1 year after radical nephrectomy in Japanese patients. <i>Investigative and Clinical Urology</i> , 2017, 58, 228.	1.0	2
97	Effects of a Novel Piezo Actuator-driven Pulsed Water Jet System on Residual Kidney After Partial Nephrectomy in a Rat Model. <i>Urology</i> , 2019, 123, 265-272.	0.5	2
98	Importance of Therapeutic Drug Monitoring to Detect Drug Interaction between Pazopanib and Warfarin: A Case Report. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2020, 23, 200-205.	0.9	2
99	The Potential of Computed Tomography Volumetry for the Surgical Treatment in Bilateral Macronodular Adrenal Hyperplasia: A Case Report. <i>Tohoku Journal of Experimental Medicine</i> , 2021, 253, 143-150.	0.5	2
100	Clinicopathological Significance of Estrogen Receptor β and Estrogen Synthesizing/Metabolizing Enzymes in Urothelial Carcinoma of Urinary Bladder. <i>Pathology and Oncology Research</i> , 2021, 27, 589649.	0.9	2
101	Combination Therapy of Pembrolizumab plus Axitinib for a Patient on Hemodialysis with Metastatic Renal Cell Carcinoma: A Case Report. <i>Case Reports in Oncology</i> , 2022, 14, 1522-1529.	0.3	2
102	Longitudinal evaluation of apparent diffusion coefficient values as a predictor of Prostate Cancer Research International Active Surveillance reclassification. <i>Abdominal Radiology</i> , 2022, 47, 814-826.	1.0	2
103	Retroperitoneoscopic Cutaneous Ureterostomy in the Supine Position to Relieve Painful Urinary-related Symptoms in an Advanced Anal Canal Cancer Patient. <i>Urology Case Reports</i> , 2014, 2, 5-7.	0.1	1
104	Tips for operation of inguinal hernia after implantation of artificial urinary sphincter following radical prostatectomy: report of two cases. <i>Journal of Surgical Case Reports</i> , 2020, 2020, rjaa150.	0.2	1
105	Clinical Importance of Plasma Drug Concentration of Oral Molecular Targeted Drugs for Renal Cell Carcinoma. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2021, 24, 127-136.	0.9	1
106	Retroperitoneal Laparoscopic Approach to Ureteral Primary and Reoperative Ureteral Reconstructive Surgery: A Case Series. <i>Journal of Endourology</i> , 2021, 35, 828-834.	1.1	1
107	Laparoscopic Adrenalectomy Is Beneficial for the Health-Related Quality of Life of Older Patients with Primary Aldosteronism. <i>Urologia Internationalis</i> , 2023, 107, 186-192.	0.6	1
108	Clipping Hind Paws Under Isoflurane Sedation as a Useful Tool for Evaluation of Chronic Pain in CCI Animals. <i>Anesthesiology and Pain Medicine</i> , 2020, 10, e97758.	0.5	1

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109	Author's reply to "Prevention of IVR: a need for investigation". Japanese Journal of Clinical Oncology, 2018, 48, 297-297.	0.6	0
110	Eosinophilic granuloma of the mandible: Report of a case and finding of the electoric microscope.. Nihon Koku Geka Gakkai Zasshi, 1988, 34, 366-370.	0.0	0