

Kazumi Taguchi

List of Publications by Year in descending order

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77
papers

1,457
citations

331670

21
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377865

34
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78
all docs

78
docs citations

78
times ranked

1320
citing authors

#	ARTICLE	IF	CITATIONS
1	Endoscopic Combined Intrarenal Surgery for Large Calculi: Simultaneous Use of Flexible Ureteroscopy and Mini-Percutaneous Nephrolithotomy Overcomes the Disadvantageous of Percutaneous Nephrolithotomy Monotherapy. <i>Journal of Endourology</i> , 2014, 28, 28-33.	2.1	107
2	The Urological Association of Asia clinical guideline for urinary stone disease. <i>International Journal of Urology</i> , 2019, 26, 688-709.	1.0	83
3	A Prospective Caseâ€“Control Study Comparing LithoVue, a Single-Use, Flexible Disposable Ureteroscope, with Flexible, Reusable Fiber-Optic Ureteroscopes. <i>Journal of Endourology</i> , 2017, 31, 468-475.	2.1	81
4	Genome-Wide Gene Expression Profiling of Randallâ€™s Plaques in Calcium Oxalate Stone Formers. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 333-347.	6.1	81
5	M1/M2-macrophage phenotypes regulate renal calcium oxalate crystal development. <i>Scientific Reports</i> , 2016, 6, 35167.	3.3	71
6	Micro-Costing Analysis Demonstrates Comparable Costs for LithoVue Compared to Reusable Flexible Fiberoptic Ureteroscopes. <i>Journal of Endourology</i> , 2018, 32, 267-273.	2.1	64
7	Pathophysiologyâ€“based treatment of urolithiasis. <i>International Journal of Urology</i> , 2017, 24, 32-38.	1.0	63
8	Colony-Stimulating Factor-1 Signaling Suppresses Renal Crystal Formation. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1680-1697.	6.1	60
9	Efficacy of Endoscopic Combined Intrarenal Surgery in the Prone Split-Leg Position for Staghorn Calculi. <i>Journal of Endourology</i> , 2015, 29, 19-24.	2.1	49
10	Biomolecular mechanism of urinary stone formation involving osteopontin. <i>Urological Research</i> , 2012, 40, 623-637.	1.5	46
11	Proinflammatory and Metabolic Changes Facilitate Renal Crystal Deposition in an Obese Mouse Model of Metabolic Syndrome. <i>Journal of Urology</i> , 2015, 194, 1787-1796.	0.4	46
12	Developments in the Technique of Endoscopic Combined Intrarenal Surgery in the Prone Split-leg Position. <i>Urology</i> , 2014, 84, 565-570.	1.0	44
13	Pioglitazone, a Peroxisome Proliferator Activated Receptor γ Agonist, Decreases Renal Crystal Deposition, Oxidative Stress and Inflammation in Hyperoxaluric Rats. <i>Journal of Urology</i> , 2012, 188, 1002-1011.	0.4	31
14	Deregulated MTOR (mechanistic target of rapamycin kinase) is responsible for autophagy defects exacerbating kidney stone development. <i>Autophagy</i> , 2020, 16, 709-723.	9.1	31
15	A Paracrine Mechanism Involving Renal Tubular Cells, Adipocytes and Macrophages Promotes Kidney Stone Formation in a Simulated Metabolic Syndrome Environment. <i>Journal of Urology</i> , 2014, 191, 1906-1912.	0.4	30
16	Animal models of urinary stone disease. <i>International Journal of Surgery</i> , 2016, 36, 596-606.	2.7	27
17	Defining the Costs of Reusable Flexible Ureteroscope Reprocessing Using Time-Driven Activity-Based Costing. <i>Journal of Endourology</i> , 2017, 31, 1026-1031.	2.1	27
18	Genetic Risk Factors for Idiopathic Urolithiasis: A Systematic Review of the Literature and Causal Network Analysis. <i>European Urology Focus</i> , 2017, 3, 72-81.	3.1	27

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19	Macrophage Function in Calcium Oxalate Kidney Stone Formation: A Systematic Review of Literature. <i>Frontiers in Immunology</i> , 2021, 12, 673690.	4.8	27
20	Simple Method of Preventing Postoperative Inguinal Hernia After Radical Retropubic Prostatectomy. <i>Urology</i> , 2010, 76, 1083-1087.	1.0	24
21	Determinants of health-related quality of life for patients after urinary lithotripsy: ureteroscopic vs. shock wave lithotripsy. <i>Urolithiasis</i> , 2018, 46, 203-210.	2.0	24
22	Ultrasound Use in Urinary Stones: Adapting Old Technology for a Modern-Day Disease. <i>Journal of Endourology</i> , 2017, 31, S-89-S-94.	2.1	22
23	Kidney stone formers have more renal parenchymal crystals than non-stone formers, particularly in the papilla region. <i>BMC Urology</i> , 2018, 18, 19.	1.4	19
24	Fatty acid-binding protein 4 downregulation drives calcification in the development of kidney stone disease. <i>Kidney International</i> , 2020, 97, 1042-1056.	5.2	19
25	Efficacy of retroperitoneal laparoscopic ureterolithotomy for the treatment of large proximal ureteric stones and its impact on renal function. <i>SpringerPlus</i> , 2013, 2, 600.	1.2	16
26	A New Navigation System of Renal Puncture for Endoscopic Combined Intrarenal Surgery: Real-time Virtual Sonography-guided Renal Access. <i>Urology</i> , 2017, 109, 44-50.	1.0	15
27	Identifying factors associated with need for flexible ureteroscope repair: a Western Endourology Stone (WEST) research consortium prospective cohort study. <i>Urolithiasis</i> , 2018, 46, 559-566.	2.0	15
28	Increasing Body Mass Index Steepens the Learning Curve for Ultrasound-guided Percutaneous Nephrolithotomy. <i>Urology</i> , 2018, 120, 68-73.	1.0	14
29	Genetic differences in C57BL/6 mouse substrains affect kidney crystal deposition. <i>Urolithiasis</i> , 2018, 46, 515-522.	2.0	13
30	Computed Tomography Radiation Exposure Among Referred Kidney Stone Patients: Results from the Registry for Stones of the Kidney and Ureter. <i>Journal of Endourology</i> , 2019, 33, 619-624.	2.1	13
31	Comparison of the safety and efficacy between the prone split-leg and Galdakao-modified supine Valdivia positions during endoscopic combined intrarenal surgery: A multi-institutional analysis. <i>International Journal of Urology</i> , 2021, 28, 1129-1135.	1.0	13
32	A Randomized, Single-Blind Clinical Trial Comparing Robotic-Assisted Fluoroscopic-Guided with Ultrasound-Guided Renal Access for Percutaneous Nephrolithotomy. <i>Journal of Urology</i> , 2022, 208, 684-694.	0.4	13
33	Oxygen nano-bubble water reduces calcium oxalate deposits and tubular cell injury in ethylene glycol-treated rat kidney. <i>Urolithiasis</i> , 2013, 41, 279-294.	2.0	12
34	Increased crystal-cell interaction in vitro under co-culture of renal tubular cells and adipocytes by in vitro co-culture paracrine systems simulating metabolic syndrome. <i>Urolithiasis</i> , 2014, 42, 17-28.	2.0	12
35	Identification of new urinary risk markers for urinary stones using a logistic model and multinomial logit model. <i>Clinical and Experimental Nephrology</i> , 2019, 23, 710-716.	1.6	12
36	Prospective evaluation and classification of endoscopic findings for ureteral calculi. <i>Scientific Reports</i> , 2020, 10, 12292.	3.3	12

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37	Robot-assisted fluoroscopy-guided renal puncture for endoscopic combined intrarenal surgery: a pilot single-centre clinical trial. <i>BJU International</i> , 2021, 127, 307-310.	2.5	12
38	Clinical Impact of Palliative Treatment Using Octreotide for Inoperable Malignant Bowel Obstruction Caused by Advanced Urological Cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 7107-7110.	1.2	12
39	Impact of official technical training for urologists on the efficacy of shock wave lithotripsy. <i>Urolithiasis</i> , 2013, 41, 487-492.	2.0	11
40	First case report of staghorn calculi successfully removed by mini-endoscopic combined intrarenal surgery in a 2-year-old boy. <i>International Journal of Urology</i> , 2015, 22, 978-980.	1.0	11
41	Robot-Assisted Fluoroscopy Versus Ultrasound-Guided Renal Access for Nephrolithotomy: A Phantom Model Benchtop Study. <i>Journal of Endourology</i> , 2019, 33, 987-994.	2.1	11
42	A Proteomic Network Approach across the Kidney Stone Disease Reveals Endoplasmic Reticulum Stress and Crystal-Cell Interaction in the Kidney. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	4.0	11
43	Laparoscopic Versus Open Radical Cystectomy for Patients Older than 75 Years: a Single-Center Comparative Analysis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 6353-6358.	1.2	11
44	Differential Roles of Peroxisome Proliferator-Activated Receptor- α and Receptor- β on Renal Crystal Formation in Hyperoxaluric Rodents. <i>PPAR Research</i> , 2016, 2016, 1-11.	2.4	10
45	Clinical Outcomes for Cystinuria Patients with Unilateral Versus Bilateral Cystine Stone Disease. <i>Journal of Endourology</i> , 2018, 32, 148-153.	2.1	10
46	Ureterscopy-assisted puncture for ultrasonography-guided renal access significantly improves overall treatment outcomes in endoscopic combined intrarenal surgery. <i>International Journal of Urology</i> , 2021, 28, 913-919.	1.0	8
47	Feasibility of Retrograde Ureteral Contrast Injection to Guide Ultrasonographic Percutaneous Renal Access in the Nondilated Collecting System. <i>Journal of Endourology</i> , 2017, 31, 129-134.	2.1	7
48	Molecular Analysis of Clear Cell Sarcoma With Translocation (1;6)(p32.3;q21). <i>Urology</i> , 2011, 78, 684-686.	1.0	6
49	Potassium-sodium citrate prevents the development of renal microcalculi into symptomatic stones in calcium stone-forming patients. <i>International Journal of Urology</i> , 2017, 24, 75-81.	1.0	6
50	Dual ureteral stent placement after redo laser endoureterotomy to manage persistent ureteral stricture. <i>IJU Case Reports</i> , 2020, 3, 93-95.	0.3	6
51	Active Phagocytosis and Diachronic Processing of Calcium Oxalate Monohydrate Crystals in an in vitro Macrophage Model. <i>Kidney and Blood Pressure Research</i> , 2019, 44, 1014-1025.	2.0	5
52	Comparison of antegrade and retrograde ureterolithotripsy for proximal ureteral stones: a systematic review and meta-analysis. <i>Translational Andrology and Urology</i> , 2021, 10, 1179-1191.	1.4	5
53	Multicolor imaging of calcium-binding proteins in human kidney stones for elucidating the effects of proteins on crystal growth. <i>Scientific Reports</i> , 2021, 11, 16841.	3.3	5
54	The probability of involvement of human papillomavirus in the carcinogenesis of bladder small cell carcinoma, prostatic ductal adenocarcinoma, and penile squamous cell carcinoma: a case report. <i>BMC Research Notes</i> , 2014, 7, 909.	1.4	4

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55	Optimizing RNA Extraction of Renal Papilla Biopsy Tissue in Kidney Stone Formers: A New Methodology for Genomic Study. <i>Journal of Endourology</i> , 2017, 31, 922-929.	2.1	4
56	Brown adipocytes and β -stimulant-induced brown-like adipocytes contribute to the prevention of renal crystal formation. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F1282-F1292.	2.7	4
57	Helper T-cell signaling and inflammatory pathway lead to formation of calcium phosphate but not calcium oxalate stones on Randall's plaques. <i>International Journal of Urology</i> , 2019, 26, 670-677.	1.0	4
58	Effectiveness of ureteroscopy-assisted renal puncture for endoscopic combined intrarenal surgery. <i>International Journal of Urology</i> , 2019, 26, 424-425.	1.0	4
59	Independent and interactive effects of kidney stone formation and conventional risk factors for chronic kidney disease: a follow-up study of Japanese men. <i>International Urology and Nephrology</i> , 2021, 53, 1081-1087.	1.4	4
60	Animal Models to Study Urolithiasis. , 2017, , 419-443.		3
61	Variation in Radiologic and Urologic Computed Tomography Interpretation of Urinary Tract Stone Burden: Results From the Registry for Stones of the Kidney and Ureter. <i>Urology</i> , 2018, 111, 59-64.	1.0	3
62	Hemothorax during miniaturized endoscopic combined intrarenal surgery under ureteroscopy-assisted ultrasound-guided access. <i>IJU Case Reports</i> , 2019, 2, 257-260.	0.3	3
63	The First Case Report of Robot-Assisted Fluoroscopy-Guided Renal Access During Endoscopic Combined Intrarenal Surgery. <i>Journal of Endourology Case Reports</i> , 2020, 6, 310-314.	0.3	3
64	Low bone mineral density is a potential risk factor for symptom onset and related with hypocitraturia in urolithiasis patients: a single-center retrospective cohort study. <i>BMC Urology</i> , 2020, 20, 174.	1.4	3
65	Comparison of Real-Time Virtual Sonography Navigation Versus BioJet Navigation on Magnetic Resonance Imaging-Guided Prostate Needle Biopsy: A Single Institutional Analysis. <i>Journal of Endourology</i> , 2020, 34, 739-745.	2.1	3
66	Long-term survival of a patient with refractory advanced adrenocortical carcinoma after combination chemotherapy with paclitaxel and carboplatin plus mitotane. <i>IJU Case Reports</i> , 2022, 5, 288-292.	0.3	2
67	Efficacy of transurethral cystolithotripsy assisted by percutaneous evacuation and the benefit of genetic analysis in a pediatric cystinuria patient with a large bladder stone. <i>Urology Case Reports</i> , 2021, 34, 101473.	0.3	1
68	Editorial Comment to Impact of differential ureteral stent diameters on clinical outcomes after ureteroscopy intracorporeal lithotripsy: A systematic review and meta-analysis. <i>International Journal of Urology</i> , 2021, 28, 1000-1000.	1.0	1
69	Efficacy of fosfomycin in preventing infection after endoscopic combined intrarenal surgery in periods of limited supply of first- and second-generation cephalosporins. <i>International Journal of Urology</i> , 2022, , .	1.0	1
70	Response to Re: Potassium-sodium citrate prevents the development of renal microcalculi into symptomatic stones in calcium stone-forming patients. <i>International Journal of Urology</i> , 2017, 24, 334-335.	1.0	0
71	Editorial Comment to Recurrent stone-forming patients have high visceral fat ratio based on computed tomography images compared to first-time stone-forming patients. <i>International Journal of Urology</i> , 2018, 25, 573-573.	1.0	0
72	Editorial Comment to High-salt diet promotes crystal deposition through hypertension in Dahl salt-sensitive rat model. <i>International Journal of Urology</i> , 2019, 26, 847-847.	1.0	0

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73	Editorial Comment to Ultraslow fullâ€power shock wave lithotripsy versus slow powerâ€ramping shock wave lithotripsy in stones with high attenuation value: A randomized comparative study. International Journal of Urology, 2020, 27, 171-171.	1.0	0
74	Surgical hand hygiene and febrile urinary tract infections in endourological surgery: a single-centre prospective cohort study. Scientific Reports, 2020, 10, 14520.	3.3	0
75	Editorial Comment from Dr Taguchi to Endoscopic lithotripsy with a SuperPulsed thuliumâ€fiber laser for ureteral stones: A singleâ€center experience. International Journal of Urology, 2021, 28, 266-267.	1.0	0
76	A novel approach in creating nephrostomy using a double-lumen access sheath during endoscopic combined intrarenal surgery. Translational Andrology and Urology, 2021, 10, 4181-4191.	1.4	0
77	Risk Factors for Failure of Endoscopic Management of Stone-related Ureteral Strictures. Urology Journal, 2021, , 6697.	0.4	0