

Marshall L Stoller

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

100
papers

1,633
citations

25
h-index

37
g-index

106
ext. papers

2,024
ext. citations

3.5
avg, IF

4.48
L-index

#	Paper	IF	Citations
100	Mineralized Peyronie's plaque has a phenotypic resemblance to bone. <i>Acta Biomaterialia</i> , 2021 , 140, 457-457	10.8	0
99	Structural and chemical heterogeneities of primary hyperoxaluria kidney stones from pediatric patients. <i>Journal of Pediatric Urology</i> , 2021 , 17, 214.e1-214.e11	1.5	1
98	Structure and elemental composition of Ceftriaxone induced pediatric nephrolithiasis. <i>Urolithiasis</i> , 2021 , 49, 309-320	3.2	0
97	Nedosiran Dramatically Reduces Serum Oxalate in Dialysis-Dependent Primary Hyperoxaluria 1: A Compassionate Use Case Report. <i>Urology</i> , 2021 , 156, e147-e149	1.6	2
96	A large staghorn stone diagnosed and managed in an asymptomatic patient using the "Kidney Injury Test (Kit)" spot urine assay: A case report. <i>Urology Case Reports</i> , 2021 , 39, 101854	0.5	
95	Jean Oliver: Master of the Nephron. <i>Urology</i> , 2020 , 144, 17-20	1.6	
94	Fatty acid-binding protein 4 downregulation drives calcification in the development of kidney stone disease. <i>Kidney International</i> , 2020 , 97, 1042-1056	9.9	2
93	Physicochemical and biochemical spatiotemporal maps of a mouse penis. <i>Journal of Biomechanics</i> , 2020 , 101, 109637	2.9	2
92	Techniques - Ultrasound-guided percutaneous nephrolithotomy: How we do it. <i>Canadian Urological Association Journal</i> , 2020 , 14, E104-E110	1.2	4
91	Ectopic biomineralization in kidney stone formers compared to non-stone formers. <i>Translational Andrology and Urology</i> , 2020 , 9, 2129-2137	2.3	1
90	Diagnostic Imaging for Kidney Stones. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 324, 1464-1465	27.4	0
89	Role of core body temperature in nephrolithiasis. <i>BJU International</i> , 2020 , 126, 620-624	5.6	
88	Underdiagnosis of Primary Hyperparathyroidism-The Need for a System-Level Fix. <i>JAMA Surgery</i> , 2020 , 155, 868-869	5.4	
87	Ultrasound guidance can be used safely for renal tract dilatation during percutaneous nephrolithotomy. <i>BJU International</i> , 2020 , 125, 284-291	5.6	18
86	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	2.7	5
85	A conserved role of the insulin-like signaling pathway in diet-dependent uric acid pathologies in <i>Drosophila melanogaster</i> . <i>PLoS Genetics</i> , 2019 , 15, e1008318	6	20
84	Ultrasound-guided Access and Dilatation for Percutaneous Nephrolithotomy in the Supine Position: A Step-by-Step Approach. <i>Urology</i> , 2019 , 133, 245-246	1.6	7

83	Nonrenal Systemic Arterial Calcification Predicts the Formation of Kidney Stones. <i>Journal of Endourology</i> , 2019 , 33, 1032-1034	2.7	5
82	Spradling and Conti, Nonrenal Systemic Arterial Calcifications Predicts the Formation of Kidney Stones by Stern et al. (From: Stern KL, Ward RD, Li J, et al. <i>J Endourol</i> 2019;33:1035; DOI: 10.1089/end.2019.0673). <i>Journal of Endourology</i> , 2019 , 33, 1036	2.7	
81	Factors Associated with Regional Adoption of Ureteroscopy in California from 2005 to 2016. <i>Journal of Endourology</i> , 2019 , 33, 9-15	2.7	1
80	Re: Geobiology Reveals How Human Kidney Stones Dissolve In Vivo. <i>European Urology</i> , 2019 , 75, 532	10.2	
79	Open versus robotic partial nephrectomy: Systematic review and meta-analysis of contemporary studies. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2019 , 15, e1963	2.9	19
78	Alpha lipoic acid as a novel therapeutic approach to cystinuria. <i>Expert Opinion on Orphan Drugs</i> , 2018 , 6, 295-300	1.1	1
77	Laparoscopic Heminephrectomy of Chronically Obstructed Horseshoe Kidney Moiety with Staghorn Calculus, Massive Pyonephrosis, and Xanthogranulomatous Pyelonephritis. <i>Journal of Endourology Case Reports</i> , 2018 , 4, 39-41	0.3	1
76	A continuum of mineralization from human renal pyramid to stones on stems. <i>Acta Biomaterialia</i> , 2018 , 71, 72-85	10.8	9
75	The Morbidity of Ureteral Strictures in Patients with Prior Ureteroscopic Stone Surgery: Multi-Institutional Outcomes. <i>Journal of Endourology</i> , 2018 , 32, 309-314	2.7	20
74	Micro-Costing Analysis Demonstrates Comparable Costs for LithoVue Compared to Reusable Flexible Fiberoptic Ureteroscopes. <i>Journal of Endourology</i> , 2018 , 32, 267-273	2.7	41
73	Beginnings of nephrolithiasis: insights into the past, present and future of Randall's plaque formation research. <i>Current Opinion in Nephrology and Hypertension</i> , 2018 , 27, 236-242	3.5	13
72	Management of Inverted Papilloma During Holmium Laser Enucleation of the Prostate. <i>Urology</i> , 2018 , 116, e5-e6	1.6	
71	Ultrasound-Guided Morcellation During Holmium Laser Enucleation of the Prostate. <i>Journal of Endourology Case Reports</i> , 2018 , 4, 133-135	0.3	0
70	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	1.6	1
69	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	3.2	11
68	Experimental observations and numerical modeling of lipid-shell microbubbles with calcium-adhering moieties for minimally-invasive treatment of urinary stones. <i>Proceedings of Meetings on Acoustics</i> , 2018 , 35,	1	3
67	Risk of Nephrolithiasis in Patients With Sleep Apnea: A Population-Based Cohort Study. <i>Journal of Clinical Sleep Medicine</i> , 2018 , 14, 767-773	3.1	1
66	Architecture-Guided Fluid Flow Directs Renal Biomineralization. <i>Scientific Reports</i> , 2018 , 8, 14157	4.9	4

65	Novel insights into renal mineralization and stone formation through advanced imaging modalities. <i>Connective Tissue Research</i> , 2018 , 59, 102-110	3.3	10
64	The origins of urinary stone disease: upstream mineral formations initiate downstream Randall's plaque. <i>BJU International</i> , 2017 , 119, 177-184	5.6	18
63	Complete Metabolic Evaluation is Indicated after a First Stone Event: Con. <i>Journal of Urology</i> , 2017 , 197, 545-547	2.5	2
62	A Prospective Case-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	2.7	59
61	Lipoic acid treatment prevents cystine urolithiasis in a mouse model of cystinuria. <i>Nature Medicine</i> , 2017 , 23, 288-290	50.5	34
60	Heterogeneity in calcium nephrolithiasis: A materials perspective. <i>Journal of Materials Research</i> , 2017 , 32, 2497-2509	2.5	4
59	Dietary Zinc and Incident Calcium Kidney Stones in Adolescence. <i>Journal of Urology</i> , 2017 , 197, 1342-1348	4.5	7
58	Flame retardant tris(1,3-dichloro-2-propyl)phosphate (TDCPP) toxicity is attenuated by -acetylcysteine in human kidney cells. <i>Toxicology Reports</i> , 2017 , 4, 260-264	4.8	17
57	Anatomically-specific intratubular and interstitial biominerals in the human renal medullo-papillary complex. <i>PLoS ONE</i> , 2017 , 12, e0187103	3.7	6
56	Magnetic Compression Anastomosis (Magnamosis): First-In-Human Trial. <i>Journal of the American College of Surgeons</i> , 2017 , 225, 676-681.e1	4.4	33
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	2.7	3
54	Emergency Department Imaging Modality Effect on Surgical Management of Nephrolithiasis: A Multicenter, Randomized Clinical Trial. <i>Journal of Urology</i> , 2017 , 197, 710-714	2.5	14
53	The Role of the 24-Hour Urine Collection in the Prevention of Kidney Stone Recurrence. <i>Journal of Urology</i> , 2017 , 197, 1084-1089	2.5	35
52	Effect of Tamsulosin on Stone Passage for Ureteral Stones: A Systematic Review and Meta-analysis. <i>Annals of Emergency Medicine</i> , 2017 , 69, 353-361.e3	2.1	26
51	Mass Spectrometry-based Assay to Identify Drugs that Influence Cystine Solubility. <i>Bio-protocol</i> , 2017 , 7,	0.9	1
50	Coronary Artery Calcium Score and Association with Recurrent Nephrolithiasis: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of Urology</i> , 2016 , 195, 971-6	2.5	29
49	Animal models of urinary stone disease. <i>International Journal of Surgery</i> , 2016 , 36, 596-606	7.5	15
48	Rationale and Design of the Registry for Stones of the Kidney and Ureter (ReSKU): A Prospective Observational Registry to Study the Natural History of Urolithiasis Patients. <i>Journal of Endourology</i> , 2016 , 30, 1332-1338	2.7	17

47	Methylene Blue Injection as an Alternative to Antegrade Nephrostography to Assess Urinary Obstruction After Percutaneous Nephrolithotomy. <i>Journal of Endourology</i> , 2016 , 30, 476-82	2.7	3
46	Emphysematous pyelonephritis: the impact of urolithiasis on disease severity. <i>Translational Andrology and Urology</i> , 2016 , 5, 774-779	2.3	12
45	Significant differences in struvite and cystine stone frequency seen among Chinese nephrolithiasis patients living in North America compared to those living in China. <i>Translational Andrology and Urology</i> , 2016 , 5, 375-80	2.3	1
44	Ultrasonography is an Adequate Initial Screening Test for Urinary Calculi. <i>Journal of Urology</i> , 2016 , 196, 645-7	2.5	1
43	The elementome of calcium-based urinary stones and its role in urolithiasis. <i>Nature Reviews Urology</i> , 2015 , 12, 543-57	5.5	34
42	Targeted microbubbles: a novel application for the treatment of kidney stones. <i>BJU International</i> , 2015 , 116, 9-16	5.6	16
41	A Drosophila model identifies a critical role for zinc in mineralization for kidney stone disease. <i>PLoS ONE</i> , 2015 , 10, e0124150	3.7	51
40	Laparoscopic Nephrectomy with Autotransplantation: Safety, Efficacy and Long-Term Durability. <i>Journal of Urology</i> , 2015 , 194, 738-743	2.5	31
39	Elemental Content of Calcium Oxalate Stones from a Canine Model of Urinary Stone Disease. <i>PLoS ONE</i> , 2015 , 10, e0128374	3.7	5
38	Dietary intake of fiber, fruit and vegetables decreases the risk of incident kidney stones in women: a Women's Health Initiative report. <i>Journal of Urology</i> , 2014 , 192, 1694-9	2.5	54
37	Ureteral stents are part of an ever-expanding technology horizon. <i>Translational Andrology and Urology</i> , 2014 , 3, 320	2.3	
36	Making sense of dietary calcium and urinary stone disease. <i>Translational Andrology and Urology</i> , 2014 , 3, 241	2.3	
35	Balancing the utility of new technology against cost in urinary stone disease. <i>Translational Andrology and Urology</i> , 2014 , 3, 328	2.3	
34	Looking beyond the guidelines for perioperative antibiotics in nephrolithiasis. <i>Translational Andrology and Urology</i> , 2014 , 3, 302	2.3	
33	Reactive oxygen species may unite many mechanisms by which calcium oxalate stones form. <i>Translational Andrology and Urology</i> , 2014 , 3, 277	2.3	
32	The link between metabolic syndrome and nephrolithiasis: a white whale for understanding urinary stone disease. <i>Translational Andrology and Urology</i> , 2014 , 3, 296	2.3	1
31	Moderation may be the best fad diet for urinary stone disease. <i>Translational Andrology and Urology</i> , 2014 , 3, 313	2.3	
30	The days of cost effective management for nephrolithiasis are already upon us. <i>Translational Andrology and Urology</i> , 2014 , 3, 284	2.3	

29	Alexander Randall may have had it right after all. <i>Translational Andrology and Urology</i> , 2014 , 3, 255	2.3	
28	Treating the cystine stone former presents a singular clinical challenge. <i>Translational Andrology and Urology</i> , 2014 , 3, 234	2.3	2
27	Gastric bypass surgery patients warrant special attention for preventing urinary stones. <i>Translational Andrology and Urology</i> , 2014 , 3, 250	2.3	1
26	<i>Drosophila melanogaster</i> as an emerging translational model of human nephrolithiasis. <i>Journal of Urology</i> , 2013 , 190, 1648-56	2.5	41
25	Urological Aspects of Management. <i>Clinical Reviews in Bone and Mineral Metabolism</i> , 2012 , 10, 19-37	2.5	1
24	Randall plaque versus renal stone?. <i>Translational Andrology and Urology</i> , 2012 , 1, 66-70	2.3	5
23	Systemic implications of urinary stone disease. <i>Translational Andrology and Urology</i> , 2012 , 1, 89-96	2.3	8
22	Complications associated with percutaneous nephrolithotomy. <i>Translational Andrology and Urology</i> , 2012 , 1, 223-8	2.3	36
21	Changes in urinary stone risk factors in hypocitraturic calcium oxalate stone formers treated with dietary sodium supplementation. <i>Journal of Urology</i> , 2009 , 181, 1140-4	2.5	28
20	Association between Randall's plaque and calcifying nanoparticles. <i>International Journal of Nanomedicine</i> , 2008 , 3, 105-15	7.3	38
19	The primary stone event: a new hypothesis involving a vascular etiology. <i>Journal of Urology</i> , 2004 , 171, 1920-4	2.5	91
18	Stone clustering of patients with cystine urinary stone formation. <i>Urology</i> , 2004 , 63, 630-4; discussion 634-5	1.6	10
17	Rethinking the role of urinary magnesium in calcium urolithiasis. <i>Journal of Endourology</i> , 2001 , 15, 233-5.2.7		16
16	CORRELATION OF UNILATERAL UROLITHIASIS WITH SLEEP POSTURE. <i>Journal of Urology</i> , 2001 , 165, 1085-1087	2.5	32
15	Linkage of type II and type III cystinuria to 19q13.1: Codominant inheritance of two cystinuric alleles at 19q13.1 produces an extreme stone-forming phenotype 1999 , 86, 134-139		16
14	COMPLICATIONS OF RETROGRADE BALLOON CAUTERY ENDOPYELOTOMY. <i>Journal of Urology</i> , 1999 , 162, 1594-1598	2.5	28
13	IMAGING CHARACTERISTICS OF INDINAVIR CALCULI. <i>Journal of Urology</i> , 1999 , 161, 1085-1087	2.5	86
12	UROLITHIASIS IN RENAL AND COMBINED PANCREAS/RENAL TRANSPLANT RECIPIENTS. <i>Journal of Urology</i> , 1999 , 161, 1458-1462	2.5	69

11	ELECTROACUPUNCTURE DECREASES C-FOS EXPRESSION IN THE SPINAL CORD INDUCED BY NOXIOUS STIMULATION OF THE RAT BLADDER. <i>Journal of Urology</i> , 1998 , 160, 2274-2279	2.5	49
10	High resolution radiography of cadaveric kidneys: unraveling the mystery of Randall's plaque formation. <i>Journal of Urology</i> , 1996 , 156, 1263-6	2.5	56
9	Dietary Manipulation With Lemonade to Treat Hypocitraturic Calcium Nephrolithiasis. <i>Journal of Urology</i> , 1996 , 156, 907-909	2.5	145
8	Etiology and management of cystine lithiasis. <i>Urology</i> , 1995 , 45, 344-55	1.6	12
7	Endocervicosis of the Bladder. <i>Journal of Urology</i> , 1995 , 153, 1218-1219	2.5	20
6	Gout and stones or stones and gout?. <i>Journal of Urology</i> , 1995 , 154, 1670	2.5	5
5	Entrapped Malecot Nephrostomy Tube: Etiology and Management. <i>Journal of Urology</i> , 1995 , 153, 1882-1883	2.5	12
4	Urologist directed percutaneous nephrostomy tube placement. <i>Journal of Urology</i> , 1994 , 152, 1973-6	2.5	50
3	Pyoderma gangrenosum presenting as Fournier's gangrene. <i>Journal of Urology</i> , 1990 , 144, 984-6	2.5	30
2	Endoscopic extraction of eroded Marlex mesh in a Kock pouch. <i>Journal of Urology</i> , 1990 , 144, 974-6	2.5	7
1	Extracorporeal shock wave lithotripsy performed on woman with a cardiac pacemaker. <i>Journal of Urology</i> , 1988 , 140, 1510-1	2.5	4