

Marshall L Stoller

List of Publications by Year in descending order

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105
papers

2,318
citations

186254

28
h-index

233409

45
g-index

106
all docs

106
docs citations

106
times ranked

2002
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary Manipulation With Lemonade to Treat Hypocitraturic Calcium Nephrolithiasis. <i>Journal of Urology</i> , 1996, 156, 907-909.	0.4	171
2	IMAGING CHARACTERISTICS OF INDINAVIR CALCULI. <i>Journal of Urology</i> , 1999, 161, 1085-1087.	0.4	112
3	The Primary Stone Event: A New Hypothesis Involving a Vascular Etiology. <i>Journal of Urology</i> , 2004, 171, 1920-1924.	0.4	111
4	UROLITHIASIS IN RENAL AND COMBINED PANCREAS/RENAL TRANSPLANT RECIPIENTS. <i>Journal of Urology</i> , 1999, 161, 1458-1462.	0.4	87
5	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
6	Dietary Intake of Fiber, Fruit and Vegetables Decreases the Risk of Incident Kidney Stones in Women: A Womenâ€™s Health Initiative Report. <i>Journal of Urology</i> , 2014, 192, 1694-1699.	0.4	73
7	A <i>Drosophila</i> Model Identifies a Critical Role for Zinc in Mineralization for Kidney Stone Disease. <i>PLoS ONE</i> , 2015, 10, e0124150.	2.5	67
8	High Resolution Radiography of Cadaveric Kidneys: Unraveling the Mystery of Randall's Plaque Formation. <i>Journal of Urology</i> , 1996, 156, 1263-1266.	0.4	65
9	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
10	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.	0.4	59
11	Urologist Directed Percutaneous Nephrostomy Tube Placement. <i>Journal of Urology</i> , 1994, 152, 1973-1976.	0.4	58
12	The Role of the 24-Hour Urine Collection in the Prevention of Kidney Stone Recurrence. <i>Journal of Urology</i> , 2017, 197, 1084-1089.	0.4	57
13	Magnetic Compression Anastomosis (Magnamosis): First-In-Human Trial. <i>Journal of the American College of Surgeons</i> , 2017, 225, 676-681e1.	0.5	54
14	Complications associated with percutaneous nephrolithotomy. <i>Translational Andrology and Urology</i> , 2012, 1, 223-8.	1.4	54
15	<i>Drosophila melanogaster</i> as an Emerging Translational Model of Human Nephrolithiasis. <i>Journal of Urology</i> , 2013, 190, 1648-1656.	0.4	53
16	Î±-Lipoic acid treatment prevents cystine urolithiasis in a mouse model of cystinuria. <i>Nature Medicine</i> , 2017, 23, 288-290.	30.7	50
17	The elementome of calcium-based urinary stones and its role in urolithiasis. <i>Nature Reviews Urology</i> , 2015, 12, 543-557.	3.8	48
18	Association between Randall's plaque and calcifying nanoparticles. <i>International Journal of Nanomedicine</i> , 2008, 3, 105.	6.7	47

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19	CORRELATION OF UNILATERAL UROLITHIASIS WITH SLEEP POSTURE. <i>Journal of Urology</i> , 2001, 165, 1085-1087.	0.4	44
20	Laparoscopic Nephrectomy with Autotransplantation: Safety, Efficacy and Long-Term Durability. <i>Journal of Urology</i> , 2015, 194, 738-743.	0.4	44
21	The Morbidity of Ureteral Strictures in Patients with Prior Ureteroscopic Stone Surgery: Multi-Institutional Outcomes. <i>Journal of Endourology</i> , 2018, 32, 309-314.	2.1	41
22	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.	2.3	40
23	Coronary Artery Calcium Score and Association with Recurrent Nephrolithiasis: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of Urology</i> , 2016, 195, 971-976.	0.4	39
24	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.	3.5	39
25	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.	0.6	38
26	Changes in Urinary Stone Risk Factors in Hypocitraturic Calcium Oxalate Stone Formers Treated With Dietary Sodium Supplementation. <i>Journal of Urology</i> , 2009, 181, 1140-1144.	0.4	37
27	Pyoderma Gangrenosum Presenting as Fournier's Gangrene. <i>Journal of Urology</i> , 1990, 144, 984-986.	0.4	36
28	COMPLICATIONS OF RETROGRADE BALLOON CAUTERY ENDOPYELOTOMY. <i>Journal of Urology</i> , 1999, 162, 1594-1598.	0.4	32
29	Ultrasound guidance can be used safely for renal tract dilatation during percutaneous nephrolithotomy. <i>BJU International</i> , 2020, 125, 284-291.	2.5	31
30	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.	2.1	29
31	Animal models of urinary stone disease. <i>International Journal of Surgery</i> , 2016, 36, 596-606.	2.7	27
32	Endocervicosis of the Bladder. <i>Journal of Urology</i> , 1995, 153, 1218-1219.	0.4	25
33	Flame retardant tris(1,3-dichloro-2-propyl)phosphate (TDCPP) toxicity is attenuated by N -acetylcysteine in human kidney cells. <i>Toxicology Reports</i> , 2017, 4, 260-264.	3.3	25
34	Rethinking the Role of Urinary Magnesium in Calcium Urolithiasis. <i>Journal of Endourology</i> , 2001, 15, 233-235.	2.1	24
35	Targeted microbubbles: a novel application for the treatment of kidney stones. <i>BJU International</i> , 2015, 116, 9-16.	2.5	23
36	The origins of urinary stone disease: upstream mineral formations initiate downstream Randall's plaque. <i>BJU International</i> , 2017, 119, 177-184.	2.5	23

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37	Perspectives in primary hyperoxaluria – historical, current and future clinical interventions. <i>Nature Reviews Urology</i> , 2022, 19, 137-146.	3.8	22
38	Emergency Department Imaging Modality Effect on Surgical Management of Nephrolithiasis: A Multicenter, Randomized Clinical Trial. <i>Journal of Urology</i> , 2017, 197, 710-714.	0.4	20
39	A continuum of mineralization from human renal pyramid to stones on stems. <i>Acta Biomaterialia</i> , 2018, 71, 72-85.	8.3	20
40	Beginnings of nephrolithiasis. <i>Current Opinion in Nephrology and Hypertension</i> , 2018, 27, 236-242.	2.0	19
41	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
42	Novel insights into renal mineralization and stone formation through advanced imaging modalities. <i>Connective Tissue Research</i> , 2018, 59, 102-110.	2.3	18
43	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.		17
44	Ultrasound-guided Access and Dilation for Percutaneous Nephrolithotomy in the Supine Position: A Step-by-Step Approach. <i>Urology</i> , 2019, 133, 245-246.	1.0	17
45	Dietary Zinc and Incident Calcium Kidney Stones in Adolescence. <i>Journal of Urology</i> , 2017, 197, 1342-1348.	0.4	16
46	Emphysematous pyelonephritis: the impact of urolithiasis on disease severity. <i>Translational Andrology and Urology</i> , 2016, 5, 774-779.	1.4	15
47	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
48	Nedosiran Dramatically Reduces Serum Oxalate in Dialysis-Dependent Primary Hyperoxaluria 1: A Compassionate Use Case Report. <i>Urology</i> , 2021, 156, e147-e149.	1.0	14
49	Etiology and management of cystine lithiasis. <i>Urology</i> , 1995, 45, 344-355.	1.0	13
50	Entrapped Malecot Nephrostomy Tube: Etiology and Management. <i>Journal of Urology</i> , 1995, 153, 1882-1883.	0.4	13
51	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
52	Stone clustering of patients with cystine urinary stone formation. <i>Urology</i> , 2004, 63, 630-634.	1.0	12
53	Techniques – Ultrasound-guided percutaneous nephrolithotomy: How we do it. <i>Canadian Urological Association Journal</i> , 2019, 14, E104-E110.	0.6	10
54	Systemic implications of urinary stone disease. <i>Translational Andrology and Urology</i> , 2012, 1, 89-96.	1.4	10

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55	Architecture-Guided Fluid Flow Directs Renal Biomineralization. <i>Scientific Reports</i> , 2018, 8, 14157.	3.3	9
56	Endoscopic Extraction of Eroded Marlex Mesh in a Kock Pouch. <i>Journal of Urology</i> , 1990, 144, 974-976.	0.4	8
57	Anatomically-specific intratubular and interstitial biominerals in the human renal medullo-papillary complex. <i>PLoS ONE</i> , 2017, 12, e0187103.	2.5	7
58	Elemental Content of Calcium Oxalate Stones from a Canine Model of Urinary Stone Disease. <i>PLoS ONE</i> , 2015, 10, e0128374.	2.5	7
59	Editorial: Gout and Stones or Stones and Gout?. <i>Journal of Urology</i> , 1995, 154, 1670-1670.	0.4	6
60	Heterogeneity in calcium nephrolithiasis: A materials perspective. <i>Journal of Materials Research</i> , 2017, 32, 2497-2509.	2.6	6
61	Nonrenal Systemic Arterial Calcification Predicts the Formation of Kidney Stones. <i>Journal of Endourology</i> , 2019, 33, 1032-1034.	2.1	6
62	Extracorporeal Shock Wave Lithotripsy Performed on Woman with a Cardiac Pacemaker. <i>Journal of Urology</i> , 1988, 140, 1510-1511.	0.4	5
63	Methylene Blue Injection as an Alternative to Antegrade Nephrostography to Assess Urinary Obstruction After Percutaneous Nephrolithotomy. <i>Journal of Endourology</i> , 2016, 30, 476-482.	2.1	5
64	Complete Metabolic Evaluation is Indicated after a First Stone Event. <i>Journal of Urology</i> , 2017, 197, 545-547.	0.4	5
65	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, .	0.3	5
66	Risk of Nephrolithiasis in Patients With Sleep Apnea: A Population-Based Cohort Study. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 767-773.	2.6	5
67	Factors Associated with Regional Adoption of Ureteroscopy in California from 2005 to 2016. <i>Journal of Endourology</i> , 2019, 33, 9-15.	2.1	5
68	Physicochemical and biochemical spatiotemporal maps of a mouse penis. <i>Journal of Biomechanics</i> , 2020, 101, 109637.	2.1	5
69	Randall plaque versus renal stone?. <i>Translational Andrology and Urology</i> , 2012, 1, 66-70.	1.4	5
70	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
71	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	3
72	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

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73	Structural and chemical heterogeneities of primary hyperoxaluria kidney stones from pediatric patients. <i>Journal of Pediatric Urology</i> , 2021, 17, 214.e1-214.e11.	1.1	3
74	Treating the cystine stone former presents a singular clinical challenge. <i>Translational Andrology and Urology</i> , 2014, 3, 234.	1.4	3
75	Mineralized Peyronie's plaque has a phenotypic resemblance to bone. <i>Acta Biomaterialia</i> , 2022, 140, 457-466.	8.3	3
76	A Spectrum: Nephrocalcinosis-Nephrolithiasis. <i>Journal of Urology</i> , 2015, 194, 1188-1189.	0.4	2
77	Ultrasonography is an Adequate Initial Screening Test for Urinary Calculi. <i>Journal of Urology</i> , 2016, 196, 645-647.	0.4	2
78	Alpha lipoic acid as a novel therapeutic approach to cystinuria. <i>Expert Opinion on Orphan Drugs</i> , 2018, 6, 295-300.	0.8	2
79	Diagnostic Imaging for Kidney Stones. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 1464.	7.4	2
80	Structure and elemental composition of Ceftriaxone induced pediatric nephrolithiasis. <i>Urolithiasis</i> , 2021, 49, 309-320.	2.0	2
81	Urological Aspects of Management. <i>Clinical Reviews in Bone and Mineral Metabolism</i> , 2012, 10, 19-37.	0.8	1
82	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, 375-380.	1.4	1
83	Ultrasound-Guided Morcellation During Holmium Laser Enucleation of the Prostate. <i>Journal of Endourology Case Reports</i> , 2018, 4, 133-135.	0.3	1
84	Role of core body temperature in nephrolithiasis. <i>BJU International</i> , 2020, 126, 620-624.	2.5	1
85	Underdiagnosis of Primary Hyperparathyroidism—The Need for a System-Level Fix. <i>JAMA Surgery</i> , 2020, 155, 868.	4.3	1
86	Jean Oliver: Master of the Nephron. <i>Urology</i> , 2020, 144, 17-20.	1.0	1
87	Mass Spectrometry-based in vitro Assay to Identify Drugs that Influence Cystine Solubility. <i>Bio-protocol</i> , 2017, 7, .	0.4	1
88	Gastric bypass surgery patients warrant special attention for preventing urinary stones. <i>Translational Andrology and Urology</i> , 2014, 3, 250.	1.4	1
89	Ectopic biomineralization in kidney stone formers compared to non-stone formers. <i>Translational Andrology and Urology</i> , 2020, 9, 2129-2137.	1.4	1
90	An Everting Ureteral Access Sheath: Concepts and In Vitro Testing. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	0

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91	Management of Inverted Papilloma During Holmium Laser Enucleation of the Prostate. <i>Urology</i> , 2018, 116, e5-e6.	1.0	0
92	Letter to the Editor RE: Spradling and Conti, Editorial Comment on: Nonrenal Systemic Arterial Calcifications Predicts the Formation of Kidney Stones by Stern et al. (From: Stern KL, Ward RD, Li J, et) <i>Tj ETQq0 0 0.rgBT /Overlock 10 T</i>		
93	Re: Geobiology Reveals How Human Kidney Stones Dissolve In Vivo. <i>European Urology</i> , 2019, 75, 532.	1.9	0
94	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.	0.3	0
95	Ureteral stents are part of an ever-expanding technology horizon. <i>Translational Andrology and Urology</i> , 2014, 3, 320.	1.4	0
96	Making sense of dietary calcium and urinary stone disease. <i>Translational Andrology and Urology</i> , 2014, 3, 241.	1.4	0
97	Balancing the utility of new technology against cost in urinary stone disease. <i>Translational Andrology and Urology</i> , 2014, 3, 328.	1.4	0
98	Looking beyond the guidelines for perioperative antibiotics in nephrolithiasis. <i>Translational Andrology and Urology</i> , 2014, 3, 302.	1.4	0
99	Reactive oxygen species may unite many mechanisms by which calcium oxalate stones form. <i>Translational Andrology and Urology</i> , 2014, 3, 277.	1.4	0
100	The link between metabolic syndrome and nephrolithiasis: a white whale for understanding urinary stone disease. <i>Translational Andrology and Urology</i> , 2014, 3, 296.	1.4	0
101	Moderation may be the best fad diet for urinary stone disease. <i>Translational Andrology and Urology</i> , 2014, 3, 313.	1.4	0
102	The days of cost effective management for nephrolithiasis are already upon us. <i>Translational Andrology and Urology</i> , 2014, 3, 284.	1.4	0
103	Alexander Randall may have had it right after all. <i>Translational Andrology and Urology</i> , 2014, 3, 255.	1.4	0
104	Is "Benign" Urology Benign?. <i>European Urology</i> , 2022, , .	1.9	0
105	Standardization of mineral density maps of physiologic and pathologic biominerals in humans using cone-beam CT and micro CT. <i>Dental Materials</i> , 2022, , .	3.5	0