

Michael H Hsieh

List of Publications by Year in descending order

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127
papers

3,950
citations

117625
34
h-index

138484
58
g-index

143
all docs

143
docs citations

143
times ranked

5335
citing authors

#	ARTICLE	IF	CITATIONS
1	New Direct-to-Consumer UTI Tests: Are We Ready?. Journal of Urology, 2022, 207, 4-6.	0.4	0
2	A Novel Propidium Monoazide-Based PCR Assay Can Measure Viable Uropathogenic E. coli In Vitro and In Vivo. Frontiers in Cellular and Infection Microbiology, 2022, 12, 794323.	3.9	7
3	Host tissue proteomics reveal insights into the molecular basis of Schistosoma haematobium-induced bladder pathology. PLoS Neglected Tropical Diseases, 2022, 16, e0010176.	3.0	3
4	Fertility after Curative Therapy for Sickle Cell Disease: A Comprehensive Review to Guide Care. Journal of Clinical Medicine, 2022, 11, 2318.	2.4	18
5	A View from the past into our collective future: the oncofertility consortium vision statement. Journal of Assisted Reproduction and Genetics, 2021, 38, 3-15.	2.5	25
6	Perspectives on urological care in multiple sclerosis patients. Intractable and Rare Diseases Research, 2021, 10, 62-74.	0.9	2
7	Macroscopic and microscopic imaging modalities for diagnosis and monitoring of urogenital schistosomiasis. Advances in Parasitology, 2021, 112, 51-76.	3.2	1
8	A Confidence-Based Supervised-Autonomous Control Strategy for Robotic Vaginal Cuff Closure. , 2021, 2021, .		1
9	A comparative proteomics analysis of the egg secretions of three major schistosome species. Molecular and Biochemical Parasitology, 2020, 240, 111322.	1.1	21
10	IPSE, a urogenital parasite-derived immunomodulatory molecule, suppresses bladder pathogenesis and anti-microbial peptide gene expression in bacterial urinary tract infection. Parasites and Vectors, 2020, 13, 615.	2.5	2
11	IPSE, an abundant egg-secreted protein of the carcinogenic helminth Schistosoma haematobium, promotes proliferation of bladder cancer cells and angiogenesis. Infectious Agents and Cancer, 2020, 15, 63.	2.6	15
12	Novel catheter design enables transurethral catheterization of male mice. American Journal of Physiology - Renal Physiology, 2020, 319, F29-F32.	2.7	1
13	A cross-sectional analysis of the urine microbiome of children with neuropathic bladders. Journal of Pediatric Urology, 2020, 16, 593.e1-593.e8.	1.1	26
14	Interleukin-4 Signaling Plays a Major Role in Urogenital Schistosomiasis-Associated Bladder Pathogenesis. Infection and Immunity, 2020, 88, .	2.2	8
15	The Urine Microbiome of Healthy Men and Women Differs by Urine Collection Method. International Neurourology Journal, 2020, 24, 41-51.	1.2	66
16	IPSE, a parasite-derived, host immunomodulatory infiltrin protein, alleviates resiniferatoxin-induced bladder pain. Molecular Pain, 2020, 16, 174480692097009.	2.1	1
17	Differential responses of epithelial cells from urinary and biliary tract to eggs of Schistosoma haematobium and S. mansoni. Scientific Reports, 2019, 9, 10731.	3.3	11
18	IPSE, a urogenital parasite-derived immunomodulatory protein, ameliorates ifosfamide-induced hemorrhagic cystitis through downregulation of pro-inflammatory pathways. Scientific Reports, 2019, 9, 1586.	3.3	15

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19	IPSE, a parasite-derived host immunomodulatory protein, is a potential therapeutic for hemorrhagic cystitis. American Journal of Physiology - Renal Physiology, 2019, 316, F1133-F1140.	2.7	8
20	<i>Schistosoma haematobium</i> cercarial infection alters subsequent systemic immune responses to eggs but has minimal impact on immune responses to egg injection of the bladder. Parasite Immunology, 2019, 41, e12602.	1.5	5
21	The Landscape of Coverage for Fertility Preservation in Male Pediatric Patients. Urology Practice, 2018, 5, 198-204.	0.5	8
22	Defining the Pathways of Urogenital Schistosomiasis-Associated Urothelial Carcinogenesis through Transgenic and Bladder Wall Egg Injection Models. Methods in Molecular Biology, 2018, 1655, 67-76.	0.9	3
23	To Reduce the Global Burden of Human Schistosomiasis, Use "Old Fashioned"™ Snail Control. Trends in Parasitology, 2018, 34, 23-40.	3.3	79
24	Understanding Urogenital Schistosomiasis-Related Bladder Cancer: An Update. Frontiers in Medicine, 2018, 5, 223.	2.6	57
25	Therapeutic exploitation of IPSE, a urogenital parasite-derived host modulatory protein, for chemotherapy-induced hemorrhagic cystitis. FASEB Journal, 2018, 32, 4408-4419.	0.5	21
26	Diagnosing Urogenital Schistosomiasis: Dealing with Diminishing Returns. Trends in Parasitology, 2017, 33, 378-387.	3.3	39
27	H-IPSE Is a Pathogen-Secreted Host Nucleus-Infiltrating Protein (Infiltrin) Expressed Exclusively by the Schistosoma haematobium Egg Stage. Infection and Immunity, 2017, 85, .	2.2	29
28	Review of Advances in Uroprotective Agents for Cyclophosphamide- and Ifosfamide-induced Hemorrhagic Cystitis. Urology, 2017, 100, 16-19.	1.0	89
29	An enduring legacy of discovery: Margaret Stirewalt. PLoS Neglected Tropical Diseases, 2017, 11, e0005714.	3.0	0
30	Immunology of Schistosomiasis. , 2016, , 150-158.		0
31	The NIH-NIAID Schistosomiasis Resource Center at the Biomedical Research Institute: Molecular Redux. PLoS Neglected Tropical Diseases, 2016, 10, e0005022.	3.0	12
32	A Microfiltration Device for Urogenital Schistosomiasis Diagnostics. PLoS ONE, 2016, 11, e0154640.	2.5	4
33	Surgeon design interface for patient-specific concentric tube robots. , 2016, 2016, 41-48.		11
34	Redefining Healthy Urine: A Cross-Sectional Exploratory Metagenomic Study of People With and Without Bladder Dysfunction. Journal of Urology, 2016, 196, 579-587.	0.4	58
35	Computational deconvolution of gene expression by individual host cellular subsets from microarray analyses of complex, parasite-infected whole tissues. International Journal for Parasitology, 2016, 46, 447-452.	3.1	1
36	Global Assessment of Schistosomiasis Control Over the Past Century Shows Targeting the Snail Intermediate Host Works Best. PLoS Neglected Tropical Diseases, 2016, 10, e0004794.	3.0	161

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37	Smallpox and Dracunculiasis: The Scientific Value of Infectious Diseases That Have Been Eradicated or Targeted for Eradication. Is Schistosomiasis Next?. PLoS Pathogens, 2016, 12, e1005298.	4.7	2
38	Multimodality Renal Failure in a Patient with OEIS Complex. AJP Reports, 2015, 05, e161-e164.	0.7	0
39	Designer aminoglycosides prevent cochlear hair cell loss and hearing loss. Journal of Clinical Investigation, 2015, 125, 583-592.	8.2	69
40	Development of a Biosensor-Based Rapid Urine Test for Detection of Urogenital Schistosomiasis. PLoS Neglected Tropical Diseases, 2015, 9, e0003845.	3.0	23
41	Hamster Weight Patterns Predict the Intensity and Course of Schistosoma haematobium Infection. Journal of Parasitology, 2015, 101, 542.	0.7	2
42	Teleoperated versus open needle driving: Kinematic analysis of experienced surgeons and novice users. , 2015, , .		22
43	New Research Tools for Urogenital Schistosomiasis. Journal of Infectious Diseases, 2015, 211, 861-869.	4.0	24
44	Macrophages are required for host survival in experimental urogenital schistosomiasis. FASEB Journal, 2015, 29, 193-207.	0.5	20
45	Hepatitis B Vaccines and HPV Vaccines Have Been Hailed as Major Public Health Achievements in Preventing Cancer—Could a Schistosomiasis Vaccine be the Third?. PLoS Neglected Tropical Diseases, 2015, 9, e0003598.	3.0	8
46	Schistosoma haematobium egg-induced bladder urothelial abnormalities dependent on p53 are modulated by host sex. Experimental Parasitology, 2015, 158, 55-60.	1.2	25
47	Alternatively activated macrophages promote pancreatic fibrosis in chronic pancreatitis. Nature Communications, 2015, 6, 7158.	12.8	264
48	Reduced transmission of human schistosomiasis after restoration of a native river prawn that preys on the snail intermediate host. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9650-9655.	7.1	160
49	Alterations in DNA Methylation May Be the Key to Early Detection and Treatment of Schistosomal Bladder Cancer. PLoS Neglected Tropical Diseases, 2015, 9, e0003696.	3.0	15
50	Uncontrolled Manifold Analysis of Arm Joint Angle Variability During Robotic Teleoperation and Freehand Movement of Surgeons and Novices. IEEE Transactions on Biomedical Engineering, 2014, 61, 2869-2881.	4.2	47
51	The Microbiome and Probiotics in Childhood. Seminars in Reproductive Medicine, 2014, 32, 023-027.	1.1	3
52	Wormholes in Host Defense: How Helminths Manipulate Host Tissues to Survive and Reproduce. PLoS Pathogens, 2014, 10, e1004014.	4.7	56
53	A New Mouse Model for Female Genital Schistosomiasis. PLoS Neglected Tropical Diseases, 2014, 8, e2825.	3.0	12
54	Helminth-Induced Interleukin-4 Abrogates Invariant Natural Killer T Cell Activation-Associated Clearance of Bacterial Infection. Infection and Immunity, 2014, 82, 2087-2097.	2.2	31

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55	Prostate Cancer Screening and Risk of Litigation: Caught between Scylla and Charybdis. Journal of Urology, 2014, 191, 1648-1649.	0.4	4
56	Robot-assisted Laparoscopic Hysterectomy, Gonadal Biopsy, and Orchiopexies in an Infant With Persistent Mullerian Duct Syndrome. Urology, 2014, 83, 915-917.	1.0	11
57	Effects of robotic manipulators on movements of novices and surgeons. Surgical Endoscopy and Other Interventional Techniques, 2014, 28, 2145-2158.	2.4	54
58	Cellular origin of bladder neoplasia and tissue dynamics of its progression to invasive carcinoma. Nature Cell Biology, 2014, 16, 469-478.	10.3	163
59	Sigma S-Dependent Antioxidant Defense Protects Stationary-Phase Escherichia coli against the Bactericidal Antibiotic Gentamicin. Antimicrobial Agents and Chemotherapy, 2014, 58, 5964-5975.	3.2	29
60	Immune responses to <i>Schistosoma haematobium</i> infection. Parasite Immunology, 2014, 36, 428-438.	1.5	22
61	Controversies and challenges in research on urogenital schistosomiasis-associated bladder cancer. Trends in Parasitology, 2014, 30, 324-332.	3.3	78
62	Editorial Comment. Urology, 2013, 81, 538.	1.0	0
63	A framework for analysis of surgeon arm posture variability in robot-assisted surgery. , 2013, , .		15
64	Current management of vesicoureteral reflux in pediatric patients: a review. Pediatric Health, Medicine and Therapeutics, 2013, , 1.	1.6	0
65	The effect of a robot-assisted surgical system on the kinematics of user movements. , 2013, 2013, 6257-60.		7
66	Kinematic analysis of motor performance in robot-assisted surgery: a preliminary study. Studies in Health Technology and Informatics, 2013, 184, 302-8.	0.3	2
67	Transcriptional Profiling of the Bladder in Urogenital Schistosomiasis Reveals Pathways of Inflammatory Fibrosis and Urothelial Compromise. PLoS Neglected Tropical Diseases, 2012, 6, e1912.	3.0	44
68	A Novel Mouse Model of Schistosoma haematobium Egg-Induced Immunopathology. PLoS Pathogens, 2012, 8, e1002605.	4.7	96
69	Caucasian male infants and boys with hypospadias exhibit reduced anogenital distance. Human Reproduction, 2012, 27, 1577-1580.	0.9	88
70	Reinforcements arrive for the war against chronic cystitis and bladder cancer. BJU International, 2012, 110, 1223-1224.	2.5	2
71	Robot-Assisted Versus Open Sacrocolpopexy: A Cost-Minimization Analysis. Journal of Urology, 2012, 187, 638-643.	0.4	61
72	Editorial Comment. Journal of Urology, 2012, 188, 1648-1648.	0.4	0

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73	A Case of Genitourinary Crohn's Disease. Urology, 2012, 80, 1132-1134.	1.0	5
74	Schistosoma haematobium Egg Isolation. Bio-protocol, 2012, 2, .	0.4	0
75	Surgical antibiotic practices among pediatric urologists in the United States. Journal of Pediatric Urology, 2011, 7, 192-197.	1.1	38
76	Ex-premature infant boys with hypospadias are similar in size to age-matched, ex-premature infant boys without hypospadias. Journal of Pediatric Urology, 2011, 7, 543-547.	1.1	5
77	Impact of Anatomical and Socioeconomic Factors on Timing of Urological Consultation for Boys With Cryptorchidism. Journal of Urology, 2011, 186, 1601-1605.	0.4	17
78	Editorial Comment. Journal of Urology, 2011, 186, 2364-2364.	0.4	0
79	Mouse Bladder Wall Injection. Journal of Visualized Experiments, 2011, , e2523.	0.3	25
80	The Relationship between Anogenital Distance, Fatherhood, and Fertility in Adult Men. PLoS ONE, 2011, 6, e18973.	2.5	174
81	Transurethral Induction of Mouse Urinary Tract Infection. Journal of Visualized Experiments, 2010, , .	0.3	21
82	OEIS complex associated with chromosome 1p36 deletion: A case report and review. American Journal of Medical Genetics, Part A, 2010, 152A, 504-511.	1.2	46
83	Factors Associated With Delayed Treatment of Acute Testicular Torsion—Do Demographics or Interhospital Transfer Matter?. Journal of Urology, 2010, 184, 1743-1747.	0.4	56
84	Medicolegal Aspects of Minimally Invasive Urologic Surgery. , 2010, , 293-306.		1
85	Treatment of Pediatric Vesicoureteral Reflux Using Endoscopic Injection of Hyaluronic Acid/Dextranomer Gel: Intermediate-term Experience by a Single Surgeon. Urology, 2010, 76, 199-203.	1.0	21
86	The Genetic and Phenotypic Basis of Infertility in Men With Pediatric Urologic Disorders. Urology, 2010, 76, 25-31.	1.0	12
87	Cross-Sectional Evaluation of Parental Decision Making Factors for Vesicoureteral Reflux Management in Children. Journal of Urology, 2010, 184, 1589-1593.	0.4	20
88	Meta-analysis: does lidocaine gel before flexible cystoscopy provide pain relief?. BJU International, 2009, 104, 506-510.	2.5	89
89	46,XX SRY-Negative True Hermaphrodite Siblings. Urology, 2009, 73, 529-531.	1.0	11
90	Economic Analysis of Infant vs Postpubertal Orchiopexy to Prevent Testicular Cancer. Urology, 2009, 73, 776-781.	1.0	4

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91	Urologic Diagnoses Among Infants Hospitalized for Urinary Tract Infection. <i>Urology</i> , 2009, 74, 100-103.	1.0	9
92	Trends in prenatal sonography use and subsequent urologic diagnoses and abortions in the United States. <i>Journal of Pediatric Urology</i> , 2009, 5, 490-494.	1.1	16
93	TRENDS IN PRENATAL SONOGRAPHY USE AND SUBSEQUENT UROLOGIC DIAGNOSES AND ABORTIONS. <i>Journal of Urology</i> , 2009, 181, 162-162.	0.4	0
94	Obesity Does Not Decrease the Accuracy of Testicular Examination in Anesthetized Boys With Cryptorchidism. <i>Journal of Urology</i> , 2009, 181, 830-834.	0.4	9
95	ARRAY-BASED COMPARATIVE GENOMIC HYBRIDIZATION REVEALS 9P24 AS A GENETIC HOTSPOT FOR AMBIGUOUS GENITALIA AND GONADAL DYSGENESIS. <i>Journal of Urology</i> , 2009, 181, 786-786.	0.4	0
96	Editorial Comment. <i>Journal of Urology</i> , 2009, 182, 1687-1687.	0.4	0
97	Bladder Injuries During Laparoscopic Orchiopexy: Incidence and Lessons Learned. <i>Journal of Urology</i> , 2009, 182, 280-285.	0.4	24
98	Increasing Incidence of Neuroblastoma and Potentially Higher Associated Mortality of Children From Nonmetropolitan Areas: Analysis of the Surveillance, Epidemiology, and End Results Database. <i>Journal of Pediatric Hematology/Oncology</i> , 2009, 31, 942-946.	0.6	25
99	Invasive neuroendocrine tumor of the kidney: a case report. <i>Rare Tumors</i> , 2009, 1, 115-116.	0.6	4
100	Associations among hypospadias, cryptorchidism, anogenital distance, and endocrine disruption. <i>Current Urology Reports</i> , 2008, 9, 137-142.	2.2	171
101	The Human Microbiome and Probiotics: Implications for Pediatrics. <i>Current Problems in Pediatric and Adolescent Health Care</i> , 2008, 38, 309-327.	1.7	17
102	Outcomes and Cost Analysis of Pyeloplasty for Antenatally Diagnosed Ureteropelvic Junction Obstruction Using Markov Models. <i>Urology</i> , 2008, 72, 794-799.	1.0	3
103	3-Dimensional Neuroanatomy of the Human Fetal Pelvis: Anatomical Support for Partial Urogenital Mobilization in the Treatment of Urogenital Sinus. <i>Journal of Urology</i> , 2008, 180, 1709-1715.	0.4	28
104	PRONE MINIMALLY-INVASIVE RETROPERITONEAL LYMPH NODE DISSECTION FOR PARATESTICULAR RHABDOMYOSARCOMA IN A PATIENT WITH NEUROFIBROMATOSIS. <i>Journal of Urology</i> , 2008, 179, 709-709.	0.4	0
105	RISING NEUROBLASTOMA INCIDENCE AND HIGHER MORTALITY IN CHILDREN FROM NONMETROPOLITAN AREAS: SEER PROGRAM EXPERIENCE 1973-2003. <i>Journal of Urology</i> , 2008, 179, 385-385.	0.4	0
106	Medical Malpractice in American Urology: 22-Year National Review of the Impact of Caps and Implications for Contemporary Practice. <i>Journal of Urology</i> , 2008, 179, 1944-1949.	0.4	28
107	ECONOMIC ANALYSIS OF INFANT VERSUS POST-PUBERTAL ORCHIDOPEXY TO PREVENT TESTIS CANCER. <i>Journal of Urology</i> , 2008, 179, 99-100.	0.4	0
108	PEDIATRIC OBESITY DOES NOT DECREASE THE ACCURACY OF PHYSICAL EXAMINATION OF UNDESCENDED TESTES. <i>Journal of Urology</i> , 2008, 179, 145-145.	0.4	1

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109	Markov modeling of vasectomy reversal and ART for infertility: how do obstructive interval and female partner age influence cost effectiveness?. Fertility and Sterility, 2007, 88, 840-846.	1.0	41
110	In Utero Exposure to Benzophenone-2 Causes Hypospadias Through an Estrogen Receptor Dependent Mechanism. Journal of Urology, 2007, 178, 1637-1642.	0.4	43
111	Cost-Utility Analysis of Treatment Algorithms for Moderate Grade Vesicoureteral Reflux Using Markov Models. Journal of Urology, 2007, 177, 703-709.	0.4	24
112	Decision Analysis and Markov Modeling in Urology. Journal of Urology, 2007, 178, 1867-1874.	0.4	14
113	Urothelial sonic hedgehog signaling plays an important role in bladder smooth muscle formation. Differentiation, 2007, 75, 968-977.	1.9	51
114	The effects of detethering on the urodynamics profile in children with a tethered cord. Journal of Neurosurgery: Pediatrics, 2006, 105, 391-395.	1.3	25
115	Failed percutaneous balloon dilation for renal access: Incidence and risk factors. Urology, 2005, 66, 29-32.	1.0	39
116	Molecular Mechanism of Apoptosis Induced by Mechanical Forces. International Review of Cytology, 2005, 245, 45-90.	6.2	78
117	Complete allogeneic hematopoietic chimerism achieved by in utero hematopoietic cell transplantation and cotransplantation of LLME-treated, MHC-sensitized donor lymphocytes. Experimental Hematology, 2004, 32, 290-299.	0.4	36
118	High-level allogeneic chimerism achieved by prenatal tolerance induction and postnatal nonmyeloablative bone marrow transplantation. Blood, 2002, 100, 2225-2234.	1.4	109
119	Leucyl-leucine methyl ester-treated haploidentical donor lymphocyte infusions can mediate graft-versus-leukemia activity with minimal graft-versus-host disease risk. Biology of Blood and Marrow Transplantation, 2002, 8, 303-315.	2.0	6
120	Leucyl-leucine methyl ester-treated haploidentical donor lymphocyte infusions can mediate graft-versus-leukemia activity with minimal graft-versus-host disease risk. Biology of Blood and Marrow Transplantation, 2002, 8, 303-15.	2.0	6
121	Differential use of FasL- and perforin-mediated cytolytic mechanisms by T-cell subsets involved in graft-versus-myeloid leukemia responses. Blood, 2000, 96, 1047-1055.	1.4	55
122	T-cell subsets mediate graft-versus-myeloid leukemia responses via different cytotoxic mechanisms. Biology of Blood and Marrow Transplantation, 2000, 6, 231-240.	2.0	19
123	Differential use of FasL- and perforin-mediated cytolytic mechanisms by T-cell subsets involved in graft-versus-myeloid leukemia responses. Blood, 2000, 96, 1047-1055.	1.4	13
124	A controlled trial of rifampicin, minocycline, and rifampicin plus minocycline for eradication of methicillin-resistant Staphylococcus aureus in long-term care patients. Journal of Antimicrobial Chemotherapy, 1994, 34, 189-190.	3.0	28
125	Synergy assessed by checkerboard a critical analysis. Diagnostic Microbiology and Infectious Disease, 1993, 16, 343-349.	1.8	199
126	Molecular Epidemiology of Endemic Ciprofloxacin-Susceptible and -Resistant Enterobacteriaceae. Infection Control and Hospital Epidemiology, 1992, 13, 706-710.	1.8	8

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127	Eating Worms to Treat Autoimmune Diseases?. Frontiers for Young Minds, 0, 6, .	0.8	2