

# 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	Alternatively activated macrophages promote pancreatic fibrosis in chronic pancreatitis. <i>Nature Communications</i> , 2015, 6, 7158.	12.8	264
2	Synergy assessed by checkerboard a critical analysis. <i>Diagnostic Microbiology and Infectious Disease</i> , 1993, 16, 343-349.	1.8	199
3	The Relationship between Anogenital Distance, Fatherhood, and Fertility in Adult Men. <i>PLoS ONE</i> , 2011, 6, e18973.	2.5	174
4	Associations among hypospadias, cryptorchidism, anogenital distance, and endocrine disruption. <i>Current Urology Reports</i> , 2008, 9, 137-142.	2.2	171
5	Cellular origin of bladder neoplasia and tissue dynamics of its progression to invasive carcinoma. <i>Nature Cell Biology</i> , 2014, 16, 469-478.	10.3	163
6	Global Assessment of Schistosomiasis Control Over the Past Century Shows Targeting the Snail Intermediate Host Works Best. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004794.	3.0	161
7	Reduced transmission of human schistosomiasis after restoration of a native river prawn that preys on the snail intermediate host. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9650-9655.	7.1	160
8	High-level allogeneic chimerism achieved by prenatal tolerance induction and postnatal nonmyeloablative bone marrow transplantation. <i>Blood</i> , 2002, 100, 2225-2234.	1.4	109
9	A Novel Mouse Model of <i>Schistosoma haematobium</i> Egg-Induced Immunopathology. <i>PLoS Pathogens</i> , 2012, 8, e1002605.	4.7	96
10	Meta-analysis: does lidocaine gel before flexible cystoscopy provide pain relief?. <i>BJU International</i> , 2009, 104, 506-510.	2.5	89
11	Review of Advances in Uroprotective Agents for Cyclophosphamide- and Ifosfamide-induced Hemorrhagic Cystitis. <i>Urology</i> , 2017, 100, 16-19.	1.0	89
12	Caucasian male infants and boys with hypospadias exhibit reduced anogenital distance. <i>Human Reproduction</i> , 2012, 27, 1577-1580.	0.9	88
13	To Reduce the Global Burden of Human Schistosomiasis, Use "Old Fashioned"™ Snail Control. <i>Trends in Parasitology</i> , 2018, 34, 23-40.	3.3	79
14	Molecular Mechanism of Apoptosis Induced by Mechanical Forces. <i>International Review of Cytology</i> , 2005, 245, 45-90.	6.2	78
15	Controversies and challenges in research on urogenital schistosomiasis-associated bladder cancer. <i>Trends in Parasitology</i> , 2014, 30, 324-332.	3.3	78
16	Designer aminoglycosides prevent cochlear hair cell loss and hearing loss. <i>Journal of Clinical Investigation</i> , 2015, 125, 583-592.	8.2	69
17	The Urine Microbiome of Healthy Men and Women Differs by Urine Collection Method. <i>International Neurourology Journal</i> , 2020, 24, 41-51.	1.2	66
18	Robot-Assisted Versus Open Sacrocolpopexy: A Cost-Minimization Analysis. <i>Journal of Urology</i> , 2012, 187, 638-643.	0.4	61

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19	Redefining Healthy Urine: A Cross-Sectional Exploratory Metagenomic Study of People With and Without Bladder Dysfunction. <i>Journal of Urology</i> , 2016, 196, 579-587.	0.4	58
20	Understanding Urogenital Schistosomiasis-Related Bladder Cancer: An Update. <i>Frontiers in Medicine</i> , 2018, 5, 223.	2.6	57
21	Factors Associated With Delayed Treatment of Acute Testicular Torsion—Do Demographics or Interhospital Transfer Matter?. <i>Journal of Urology</i> , 2010, 184, 1743-1747.	0.4	56
22	Wormholes in Host Defense: How Helminths Manipulate Host Tissues to Survive and Reproduce. <i>PLoS Pathogens</i> , 2014, 10, e1004014.	4.7	56
23	Differential use of FasL- and perforin-mediated cytolytic mechanisms by T-cell subsets involved in graft-versus-myeloid leukemia responses. <i>Blood</i> , 2000, 96, 1047-1055.	1.4	55
24	Effects of robotic manipulators on movements of novices and surgeons. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2014, 28, 2145-2158.	2.4	54
25	Urothelial sonic hedgehog signaling plays an important role in bladder smooth muscle formation. <i>Differentiation</i> , 2007, 75, 968-977.	1.9	51
26	Uncontrolled Manifold Analysis of Arm Joint Angle Variability During Robotic Teleoperation and Freehand Movement of Surgeons and Novices. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 2869-2881.	4.2	47
27	OEIS complex associated with chromosome 1p36 deletion: A case report and review. <i>American Journal of Medical Genetics, Part A</i> , 2010, 152A, 504-511.	1.2	46
28	Transcriptional Profiling of the Bladder in Urogenital Schistosomiasis Reveals Pathways of Inflammatory Fibrosis and Urothelial Compromise. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1912.	3.0	44
29	In Utero Exposure to Benzophenone-2 Causes Hypospadias Through an Estrogen Receptor Dependent Mechanism. <i>Journal of Urology</i> , 2007, 178, 1637-1642.	0.4	43
30	Markov modeling of vasectomy reversal and ART for infertility: how do obstructive interval and female partner age influence cost effectiveness?. <i>Fertility and Sterility</i> , 2007, 88, 840-846.	1.0	41
31	Failed percutaneous balloon dilation for renal access: Incidence and risk factors. <i>Urology</i> , 2005, 66, 29-32.	1.0	39
32	Diagnosing Urogenital Schistosomiasis: Dealing with Diminishing Returns. <i>Trends in Parasitology</i> , 2017, 33, 378-387.	3.3	39
33	Surgical antibiotic practices among pediatric urologists in the United States. <i>Journal of Pediatric Urology</i> , 2011, 7, 192-197.	1.1	38
34	Complete allogeneic hematopoietic chimerism achieved by in utero hematopoietic cell transplantation and cotransplantation of LLME-treated, MHC-sensitized donor lymphocytes. <i>Experimental Hematology</i> , 2004, 32, 290-299.	0.4	36
35	Helminth-Induced Interleukin-4 Abrogates Invariant Natural Killer T Cell Activation-Associated Clearance of Bacterial Infection. <i>Infection and Immunity</i> , 2014, 82, 2087-2097.	2.2	31
36	Sigma S-Dependent Antioxidant Defense Protects Stationary-Phase <i>Escherichia coli</i> against the Bactericidal Antibiotic Gentamicin. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 5964-5975.	3.2	29

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37	H-IPSE Is a Pathogen-Secreted Host Nucleus-Infiltrating Protein (Infiltrin) Expressed Exclusively by the <i>Schistosoma haematobium</i> Egg Stage. <i>Infection and Immunity</i> , 2017, 85, .	2.2	29
38	A controlled trial of rifampicin, minocycline, and rifampicin plus minocycline for eradication of methicillin-resistant <i>Staphylococcus aureus</i> in long-term care patients. <i>Journal of Antimicrobial Chemotherapy</i> , 1994, 34, 189-190.	3.0	28
39	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
40	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
41	A cross-sectional analysis of the urine microbiome of children with neuropathic bladders. <i>Journal of Pediatric Urology</i> , 2020, 16, 593.e1-593.e8.	1.1	26
42	The effects of detethering on the urodynamics profile in children with a tethered cord. <i>Journal of Neurosurgery: Pediatrics</i> , 2006, 105, 391-395.	1.3	25
43	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
44	Mouse Bladder Wall Injection. <i>Journal of Visualized Experiments</i> , 2011, , e2523.	0.3	25
45	<i>Schistosoma haematobium</i> egg-induced bladder urothelial abnormalities dependent on p53 are modulated by host sex. <i>Experimental Parasitology</i> , 2015, 158, 55-60.	1.2	25
46	A View from the past into our collective future: the oncofertility consortium vision statement. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 3-15.	2.5	25
47	Cost-Utility Analysis of Treatment Algorithms for Moderate Grade Vesicoureteral Reflux Using Markov Models. <i>Journal of Urology</i> , 2007, 177, 703-709.	0.4	24
48	Bladder Injuries During Laparoscopic Orchiopexy: Incidence and Lessons Learned. <i>Journal of Urology</i> , 2009, 182, 280-285.	0.4	24
49	New Research Tools for Urogenital Schistosomiasis. <i>Journal of Infectious Diseases</i> , 2015, 211, 861-869.	4.0	24
50	Development of a Biosensor-Based Rapid Urine Test for Detection of Urogenital Schistosomiasis. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003845.	3.0	23
51	Immune responses to <i>Schistosoma haematobium</i> infection. <i>Parasite Immunology</i> , 2014, 36, 428-438.	1.5	22
52	Teleoperated versus open needle driving: Kinematic analysis of experienced surgeons and novice users. , 2015, , .		22
53	Transurethral Induction of Mouse Urinary Tract Infection. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	21
54	Treatment of Pediatric Vesicoureteral Reflux Using Endoscopic Injection of Hyaluronic Acid/Dextranomer Gel: Intermediate-term Experience by a Single Surgeon. <i>Urology</i> , 2010, 76, 199-203.	1.0	21

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55	Therapeutic exploitation of IPSE, a urogenital parasite-derived host modulatory protein, for chemotherapy-induced hemorrhagic cystitis. <i>FASEB Journal</i> , 2018, 32, 4408-4419.	0.5	21
56	A comparative proteomics analysis of the egg secretions of three major schistosome species. <i>Molecular and Biochemical Parasitology</i> , 2020, 240, 111322.	1.1	21
57	Cross-Sectional Evaluation of Parental Decision Making Factors for Vesicoureteral Reflux Management in Children. <i>Journal of Urology</i> , 2010, 184, 1589-1593.	0.4	20
58	Macrophages are required for host survival in experimental urogenital schistosomiasis. <i>FASEB Journal</i> , 2015, 29, 193-207.	0.5	20
59	T-cell subsets mediate graft-versus-myeloid leukemia responses via different cytotoxic mechanisms. <i>Biology of Blood and Marrow Transplantation</i> , 2000, 6, 231-240.	2.0	19
60	Fertility after Curative Therapy for Sickle Cell Disease: A Comprehensive Review to Guide Care. <i>Journal of Clinical Medicine</i> , 2022, 11, 2318.	2.4	18
61	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
62	Impact of Anatomical and Socioeconomic Factors on Timing of Urological Consultation for Boys With Cryptorchidism. <i>Journal of Urology</i> , 2011, 186, 1601-1605.	0.4	17
63	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
64	A framework for analysis of surgeon arm posture variability in robot-assisted surgery. , 2013, , .		15
65	IPSE, a urogenital parasite-derived immunomodulatory protein, ameliorates ifosfamide-induced hemorrhagic cystitis through downregulation of pro-inflammatory pathways. <i>Scientific Reports</i> , 2019, 9, 1586.	3.3	15
66	IPSE, an abundant egg-secreted protein of the carcinogenic helminth <i>Schistosoma haematobium</i> , promotes proliferation of bladder cancer cells and angiogenesis. <i>Infectious Agents and Cancer</i> , 2020, 15, 63.	2.6	15
67	Alterations in DNA Methylation May Be the Key to Early Detection and Treatment of Schistosomal Bladder Cancer. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003696.	3.0	15
68	Decision Analysis and Markov Modeling in Urology. <i>Journal of Urology</i> , 2007, 178, 1867-1874.	0.4	14
69	Differential use of FasL- and perforin-mediated cytolytic mechanisms by T-cell subsets involved in graft-versus-myeloid leukemia responses. <i>Blood</i> , 2000, 96, 1047-1055.	1.4	13
70	The Genetic and Phenotypic Basis of Infertility in Men With Pediatric Urologic Disorders. <i>Urology</i> , 2010, 76, 25-31.	1.0	12
71	A New Mouse Model for Female Genital Schistosomiasis. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2825.	3.0	12
72	The NIH-NIAID Schistosomiasis Resource Center at the Biomedical Research Institute: Molecular Redux. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005022.	3.0	12

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73	46,XX SRY-Negative True Hermaphrodite Siblings. <i>Urology</i> , 2009, 73, 529-531.	1.0	11
74	Robot-assisted Laparoscopic Hysterectomy, Gonadal Biopsy, and Orchiopexies in an Infant With Persistent Mullerian Duct Syndrome. <i>Urology</i> , 2014, 83, 915-917.	1.0	11
75	Surgeon design interface for patient-specific concentric tube robots. , 2016, 2016, 41-48.		11
76	Differential responses of epithelial cells from urinary and biliary tract to eggs of <i>Schistosoma haematobium</i> and <i>S. mansoni</i> . <i>Scientific Reports</i> , 2019, 9, 10731.	3.3	11
77	Urologic Diagnoses Among Infants Hospitalized for Urinary Tract Infection. <i>Urology</i> , 2009, 74, 100-103.	1.0	9
78	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
79	Hepatitis B Vaccines and HPV Vaccines Have Been Hailed as Major Public Health Achievements in Preventing Cancer—Could a Schistosomiasis Vaccine be the Third?. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003598.	3.0	8
80	The Landscape of Coverage for Fertility Preservation in Male—Pediatric—Patients. <i>Urology Practice</i> , 2018, 5, 198-204.	0.5	8
81	IPSE, a parasite-derived host immunomodulatory protein, is a potential therapeutic for hemorrhagic cystitis. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F1133-F1140.	2.7	8
82	Interleukin-4 Signaling Plays a Major Role in Urogenital Schistosomiasis-Associated Bladder Pathogenesis. <i>Infection and Immunity</i> , 2020, 88, .	2.2	8
83	Molecular Epidemiology of Endemic Ciprofloxacin-Susceptible and -Resistant Enterobacteriaceae. <i>Infection Control and Hospital Epidemiology</i> , 1992, 13, 706-710.	1.8	8
84	The effect of a robot-assisted surgical system on the kinematics of user movements. , 2013, 2013, 6257-60.		7
85	A Novel Propidium Monoazide-Based PCR Assay Can Measure Viable Uropathogenic <i>E. coli</i> In Vitro and In Vivo. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 794323.	3.9	7
86	Leucyl-leucine methyl ester-treated haploidentical donor lymphocyte infusions can mediate graft-versus-leukemia activity with minimal graft-versus-host disease risk. <i>Biology of Blood and Marrow Transplantation</i> , 2002, 8, 303-315.	2.0	6
87	Leucyl-leucine methyl ester-treated haploidentical donor lymphocyte infusions can mediate graft-versus-leukemia activity with minimal graft-versus-host disease risk. <i>Biology of Blood and Marrow Transplantation</i> , 2002, 8, 303-15.	2.0	6
88	Ex-premature infant boys with hypospadias are similar in size to age-matched, ex-premature infant boys without hypospadias. <i>Journal of Pediatric Urology</i> , 2011, 7, 543-547.	1.1	5
89	A Case of Genitourinary Crohn's Disease. <i>Urology</i> , 2012, 80, 1132-1134.	1.0	5
90	<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. <i>Parasite Immunology</i> , 2019, 41, e12602.	1.5	5

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91	Economic Analysis of Infant vs Postpubertal Orchiopexy to Prevent Testicular Cancer. Urology, 2009, 73, 776-781.	1.0	4
92	Prostate Cancer Screening and Risk of Litigation: Caught between Scylla and Charybdis. Journal of Urology, 2014, 191, 1648-1649.	0.4	4
93	A Microfiltration Device for Urogenital Schistosomiasis Diagnostics. PLoS ONE, 2016, 11, e0154640.	2.5	4
94	Invasive neuroendocrine tumor of the kidney: a case report. Rare Tumors, 2009, 1, 115-116.	0.6	4
95	Outcomes and Cost Analysis of Pyeloplasty for Antenatally Diagnosed Ureteropelvic Junction Obstruction Using Markov Models. Urology, 2008, 72, 794-799.	1.0	3
96	The Microbiome and Probiotics in Childhood. Seminars in Reproductive Medicine, 2014, 32, 023-027.	1.1	3
97	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
98	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
99	Reinforcements arrive for the war against chronic cystitis and bladder cancer. BJU International, 2012, 110, 1223-1224.	2.5	2
100	Hamster Weight Patterns Predict the Intensity and Course of Schistosoma haematobium Infection. Journal of Parasitology, 2015, 101, 542.	0.7	2
101	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
102	Perspectives on urological care in multiple sclerosis patients. Intractable and Rare Diseases Research, 2021, 10, 62-74.	0.9	2
103	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
104	Eating Worms to Treat Autoimmune Diseases?. Frontiers for Young Minds, 0, 6, .	0.8	2
105	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
106	PEDIATRIC OBESITY DOES NOT DECREASE THE ACCURACY OF PHYSICAL EXAMINATION OF UNDESCENDED TESTES. Journal of Urology, 2008, 179, 145-145.	0.4	1
107	Medicolegal Aspects of Minimally Invasive Urologic Surgery. , 2010, , 293-306.		1
108	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

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109	Novel catheter design enables transurethral catheterization of male mice. American Journal of Physiology - Renal Physiology, 2020, 319, F29-F32.	2.7	1
110	Macroscopic and microscopic imaging modalities for diagnosis and monitoring of urogenital schistosomiasis. Advances in Parasitology, 2021, 112, 51-76.	3.2	1
111	A Confidence-Based Supervised-Autonomous Control Strategy for Robotic Vaginal Cuff Closure. , 2021, 2021, .		1
112	IPSE, a parasite-derived, host immunomodulatory infiltrin protein, alleviates resiniferatoxin-induced bladder pain. Molecular Pain, 2020, 16, 174480692097009.	2.1	1
113	PRONE MINIMALLY-INVASIVE RETROPERITONEAL LYMPH NODE DISSECTION FOR PARATESTICULAR RHABDOMYOSARCOMA IN A PATIENT WITH NEUROFIBROMATOSIS. Journal of Urology, 2008, 179, 709-709.	0.4	0
114	RISING NEUROBLASTOMA INCIDENCE AND HIGHER MORTALITY IN CHILDREN FROM NONMETROPOLITAN AREAS: SEER PROGRAM EXPERIENCE 1973-2003. Journal of Urology, 2008, 179, 385-385.	0.4	0
115	ECONOMIC ANALYSIS OF INFANT VERSUS POST-PUBERTAL ORCHIDOPEXY TO PREVENT TESTIS CANCER. Journal of Urology, 2008, 179, 99-100.	0.4	0
116	TRENDS IN PRENATAL SONOGRAPHY USE AND SUBSEQUENT UROLOGIC DIAGNOSES AND ABORTIONS. Journal of Urology, 2009, 181, 162-162.	0.4	0
117	ARRAY-BASED COMPARATIVE GENOMIC HYBRIDIZATION REVEALS 9P24 AS A GENETIC HOTSPOT FOR AMBIGUOUS GENITALIA AND GONADAL DYSGENESIS. Journal of Urology, 2009, 181, 786-786.	0.4	0
118	Editorial Comment. Journal of Urology, 2009, 182, 1687-1687.	0.4	0
119	Editorial Comment. Journal of Urology, 2011, 186, 2364-2364.	0.4	0
120	Editorial Comment. Journal of Urology, 2012, 188, 1648-1648.	0.4	0
121	Editorial Comment. Urology, 2013, 81, 538.	1.0	0
122	Current management of vesicoureteral reflux in pediatric patients: a review. Pediatric Health, Medicine and Therapeutics, 2013, , 1.	1.6	0
123	Multimodality Renal Failure in a Patient with OEIS Complex. AJP Reports, 2015, 05, e161-e164.	0.7	0
124	Immunology of Schistosomiasis. , 2016, , 150-158.		0
125	New Direct-to-Consumer UTI Tests: Are We Ready?. Journal of Urology, 2022, 207, 4-6.	0.4	0
126	Schistosoma haematobium Egg Isolation. Bio-protocol, 2012, 2, .	0.4	0

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127	An enduring legacy of discovery: Margaret Stirewalt. PLoS Neglected Tropical Diseases, 2017, 11, e0005714.	3.0	0