

Ming-Chih Ho

List of Publications by Year in descending order

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133
papers

3,540
citations

136950

32
h-index

161849

54
g-index

133
all docs

133
docs citations

133
times ranked

5364
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictors of changes in preoperative tumor stage between dynamic computed tomography and gadoxetate disodium-enhanced magnetic resonance imaging for hepatocellular carcinoma. Journal of the Formosan Medical Association, 2022, 121, 1550-1559.	1.7	6
2	A pilot study for the prediction of liver function related scores using breath biomarkers and machine learning. Scientific Reports, 2022, 12, 2032.	3.3	9
3	Management consensus guideline for hepatocellular carcinoma: 2020 update on surveillance, diagnosis, and systemic treatment by the Taiwan Liver Cancer Association and the Gastroenterological Society of Taiwan. Journal of the Formosan Medical Association, 2021, 120, 1051-1060.	1.7	72
4	Long-Term Tacrolimus Blood Trough Level and Patient Survival in Adult Liver Transplantation. Journal of Personalized Medicine, 2021, 11, 90.	2.5	7
5	Control of a Robotic Flexible Endoscope Holder for Laparoscopic Surgery. Journal of Medical Devices, Transactions of the ASME, 2021, 15, .	0.7	1
6	Serum bile acid levels assist the prediction of biliary stricture and survival after liver transplantation in children. European Journal of Pediatrics, 2021, 180, 2539-2547.	2.7	2
7	Cross-match as an immuno-oncological risk factor for hepatocellular carcinoma recurrence and inferior survival after living donor liver transplantation: A call for further investigation. Annals of Hepato-biliary-pancreatic Surgery, 2021, 25, S51-S51.	0.1	0
8	Atezolizumab plus bevacizumab combination enables an unresectable hepatocellular carcinoma resectable and links immune exclusion and tumor dedifferentiation to acquired resistance. Experimental Hematology and Oncology, 2021, 10, 45.	5.0	19
9	Needle Driver Control for a Robotic MIS Suturing System. IFAC-PapersOnLine, 2021, 54, 527-532.	0.9	0
10	Delayed recurrence of hepatocellular carcinoma after liver transplantation: case series. Korean Journal of Transplantation, 2021, 35, S135-S135.	0.1	0
11	Circuitous Path to Live Donor Liver Transplantation from the Coordinator's Perspective. Journal of Personalized Medicine, 2021, 11, 1173.	2.5	1
12	Value of homodyned K distribution in ultrasound parametric imaging of hepatic steatosis: An animal study. Ultrasonics, 2020, 101, 106001.	3.9	23
13	Dysregulation of liver developmental microRNA contribute to hepatic carcinogenesis. Journal of the Formosan Medical Association, 2020, 119, 1041-1051.	1.7	7
14	Reliability of a single-region sample to evaluate tumor immune microenvironment in hepatocellular carcinoma. Journal of Hepatology, 2020, 72, 489-497.	3.7	38
15	Dynamic Prognostication in Transplant Candidates with Acute-on-Chronic Liver Failure. Journal of Personalized Medicine, 2020, 10, 230.	2.5	6
16	Cross-Match as an Immuno-Oncological Risk Factor for Hepatocellular Carcinoma Recurrence and Inferior Survival After Living Donor Liver Transplantation: A Call for Further Investigation. Clinical Medicine Insights: Oncology, 2020, 14, 117955492096877.	1.3	1
17	Cell-Free Virus-Host Chimera DNA From Hepatitis B Virus Integration Sites as a Circulating Biomarker of Hepatocellular Cancer. Hepatology, 2020, 72, 2063-2076.	7.3	34
18	Multi-Reader Multi-Case Study for Performance Evaluation of High-Risk Thyroid Ultrasound with Computer-Aided Detection. Cancers, 2020, 12, 373.	3.7	11

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19	Surgical resection versus radiofrequency ablation for Barcelona Clinic Liver Cancer very early stage hepatocellular carcinoma: long-term results of a single-center study. <i>American Journal of Surgery</i> , 2020, 220, 958-964.	1.8	19
20	Featured Surface Matching Method for Liver Image Registration. <i>IEEE Access</i> , 2020, 8, 59723-59731.	4.2	3
21	Minimally invasive surgery versus radiofrequency ablation for single subcapsular hepatocellular carcinoma with compensated liver cirrhosis. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 34, 5566-5573.	2.4	17
22	Androgen Receptor Enhances Hepatic Telomerase Reverse Transcriptase Gene Transcription After Hepatitis B Virus Integration or Point Mutation in Promoter Region. <i>Hepatology</i> , 2019, 69, 498-512.	7.3	40
23	Plectin Mutations in Progressive Familial Intrahepatic Cholestasis. <i>Hepatology</i> , 2019, 70, 2221-2224.	7.3	12
24	Methylmalonic acidemia/propionic acidemia – the biochemical presentation and comparing the outcome between liver transplantation versus non-liver transplantation groups. <i>Orphanet Journal of Rare Diseases</i> , 2019, 14, 73.	2.7	26
25	Expression of Metastatic Tumor Antigen 1 Splice Variant Correlates With Early Recurrence and Aggressive Features of Hepatitis B Virus-Associated Hepatocellular Carcinoma. <i>Hepatology</i> , 2019, 70, 184-197.	7.3	9
26	Roles of Epstein-Barr virus viral load monitoring in the prediction of posttransplant lymphoproliferative disorder in pediatric liver transplantation. <i>Journal of the Formosan Medical Association</i> , 2019, 118, 1362-1368.	1.7	15
27	Biliary Complication in Pediatric Liver Transplantation: a Single-Center 15-Year Experience. <i>Journal of Gastrointestinal Surgery</i> , 2019, 23, 751-759.	1.7	10
28	Post-transplantation lymphoproliferative disease in pediatric liver recipients in Taiwan. <i>Journal of the Formosan Medical Association</i> , 2019, 118, 1537-1545.	1.7	14
29	Revisiting donor risk over two decades of single-center experience: More attention on the impact of overweight. <i>Asian Journal of Surgery</i> , 2019, 42, 172-179.	0.4	5
30	Resistance index of hepatic artery can predict anastomotic biliary complications after liver transplantation in children. <i>Journal of the Formosan Medical Association</i> , 2019, 118, 209-214.	1.7	7
31	Cell-free junctional DNA fragment from hepatitis B virus integration in HCC for monitoring postresection recurrence and clonality. <i>Journal of Clinical Oncology</i> , 2019, 37, 4090-4090.	1.6	2
32	Metabolic risk factors are associated with non-hepatitis B non-hepatitis C hepatocellular carcinoma in Taiwan, an endemic area of chronic hepatitis B. <i>Hepatology Communications</i> , 2018, 2, 747-759.	4.3	35
33	Management consensus guideline for hepatocellular carcinoma: 2016 updated by the Taiwan Liver Cancer Association and the Gastroenterological Society of Taiwan. <i>Journal of the Formosan Medical Association</i> , 2018, 117, 381-403.	1.7	92
34	Comparison of the Control Designs of an Human Co-Working Endoscope Holder. , 2018, , .		1
35	Comparison of Radiofrequency Ablation and Transarterial Chemoembolization for Hepatocellular Carcinoma in the Caudate Lobe. <i>CardioVascular and Interventional Radiology</i> , 2018, 41, 1699-1707.	2.0	10
36	Efficient undergraduate learning of liver transplant: building a framework for teaching subspecialties to medical students. <i>BMC Medical Education</i> , 2018, 18, 161.	2.4	6

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37	Long range gaze estimation with multiple near-infrared emitters. , 2017, , .		1
38	Computation of liver deformations with finite element model. , 2017, , .		0
39	Acoustic structure quantification by using ultrasound Nakagami imaging for assessing liver fibrosis. Scientific Reports, 2016, 6, 33075.	3.3	41
40	Surgery for Intermediate and Advanced Hepatocellular Carcinoma: A Consensus Report from the 5th Asia-Pacific Primary Liver Cancer Expert Meeting (APPLE 2014). Liver Cancer, 2016, 5, 245-256.	7.7	83
41	Ultrasound window-modulated compounding Nakagami imaging: Resolution improvement and computational acceleration for liver characterization. Ultrasonics, 2016, 70, 18-28.	3.9	23
42	Succinct guide to liver transplantation for medical students. Annals of Medicine and Surgery, 2016, 12, 47-53.	1.1	4
43	Quantitative analysis of echogenicity for patients with thyroid nodules. Scientific Reports, 2016, 6, 35632.	3.3	33
44	Prophylactic liver transplantation for high-risk recurrent hepatocellular carcinoma. World Journal of Hepatology, 2016, 8, 1309.	2.0	19
45	Assessing hepatic fibrosis: comparing the intravoxel incoherent motion in MRI with acoustic radiation force impulse imaging in US. European Radiology, 2015, 25, 3552-3559.	4.5	32
46	Computation of liver deformations for minimally invasive surgery. , 2015, , .		1
47	Improvement of harmonic dissector for minimal invasive surgery, modeling and the stiffness identification of the clipped object. , 2015, , .		0
48	Consensus Development from the 5th Asia-Pacific Primary Liver Cancer Expert Meeting (APPLE 2014). Liver Cancer, 2015, 4, 96-105.	7.7	19
49	Hepatic ADC map as an adjunct to conventional abdominal MRI to evaluate hepatic fibrotic and clinical cirrhotic severity in biliary atresia patients. European Radiology, 2015, 25, 2992-3002.	4.5	19
50	A novel sound-blocking structure based on the muffler principle for rib-sparing transcostal high-intensity focused ultrasound treatment. International Journal of Hyperthermia, 2015, 31, 507-527.	2.5	4
51	Management of early hepatic artery occlusion after liver transplantation with failed rescue. World Journal of Gastroenterology, 2015, 21, 12729.	3.3	11
52	Successful Living-Donor Liver Transplant for Fulminant Hepatitis in a Heart Recipient. Experimental and Clinical Transplantation, 2015, 13, 369-70.	0.5	1
53	The Occurrence of Primary Hepatic Adenoma in Deceased Donor Renal Transplant Recipient. International Braz J Urol: Official Journal of the Brazilian Society of Urology, 2014, 40, 118-122.	1.5	2
54	Up-Regulation of MicroRNA-190b Plays a Role for Decreased IGF-1 That Induces Insulin Resistance in Human Hepatocellular Carcinoma. PLoS ONE, 2014, 9, e89446.	2.5	57

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55	Post-Transplant Malignancy in Liver Transplantation. <i>Medicine (United States)</i> , 2014, 93, e310.	1.0	23
56	Leukocyte cell-derived chemotaxin 2 antagonizes MET receptor activation to suppress hepatocellular carcinoma vascular invasion by protein tyrosine phosphatase 1B recruitment. <i>Hepatology</i> , 2014, 59, 974-985.	7.3	48
57	Quantification of hepatic steatosis: A comparison of the accuracy among multiple magnetic resonance techniques. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2014, 29, 807-813.	2.8	32
58	Long-Term Survival in Patients With T2 Hepatocellular Carcinoma After Primary Curative Resection Can Be Further Stratified by Tumor Size. <i>Medicine (United States)</i> , 2014, 93, e203.	1.0	8
59	Long-term disease-free survival achieved by anti-angiogenic therapy plus surgery in a hepatocellular carcinoma patient with extensive liver involvement and lung metastases. <i>Journal of the Formosan Medical Association</i> , 2014, 113, 577-578.	1.7	4
60	Computerized Quantification of Ultrasonic Heterogeneity in Thyroid Nodules. <i>Ultrasound in Medicine and Biology</i> , 2014, 40, 2581-2589.	1.5	23
61	Early Detection of Liver Fibrosis in Rats Using 3-D Ultrasound Nakagami Imaging: A Feasibility Evaluation. <i>Ultrasound in Medicine and Biology</i> , 2014, 40, 2272-2284.	1.5	20
62	Window-modulated compounding Nakagami imaging for ultrasound tissue characterization. <i>Ultrasonics</i> , 2014, 54, 1448-1459.	3.9	42
63	Adjuvant heparanase inhibitor PI-88 therapy for hepatocellular carcinoma recurrence. <i>World Journal of Gastroenterology</i> , 2014, 20, 11384.	3.3	55
64	Health-related quality of life in patients with hepatocellular carcinoma: the mediation effects of illness perceptions and coping. <i>Psycho-Oncology</i> , 2013, 22, 1353-1360.	2.3	39
65	Analysis of the Risk Factors of Unresectable Recurrence After Primary Curative Resection for Patients with Hepatocellular Carcinoma. <i>Annals of Surgical Oncology</i> , 2013, 20, 2526-2533.	1.5	13
66	Isolated increase in serum alkaline phosphatase after liver transplantation: Risk factors and outcomes analysis. <i>International Journal of Surgery</i> , 2013, 11, 92-95.	2.7	4
67	Quantitative Analysis of Dynamic Power Doppler Sonograms for Patients with Thyroid Nodules. <i>Ultrasound in Medicine and Biology</i> , 2013, 39, 1543-1551.	1.5	23
68	Development of autoantibodies after pediatric liver transplantation. <i>Pediatric Transplantation</i> , 2013, 17, 144-148.	1.0	16
69	Preliminary study of intracorporeal localization for endoscopy tracking. , 2013, , .		0
70	Port placement selection in minimally invasive surgery. , 2013, , .		0
71	Elevated Preoperative Serum CA19-9 Levels in Patients with Hepatocellular Carcinoma Is Associated with Poor Prognosis after Resection. <i>Scientific World Journal</i> , The, 2013, 2013, 1-6.	2.1	12
72	Relationship between Ultrasound Backscattered Statistics and the Concentration of Fatty Droplets in Livers: An Animal Study. <i>PLoS ONE</i> , 2013, 8, e63543.	2.5	31

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73	Dynamics Stress Analysis for a Minimal Invasive Scalpel Design. , 2013, , .		0
74	A Novel Design of High Intensity Focus Ultrasound (HIFU) for Enlarged Focus Area Application. , 2013, , .		0
75	Ultrasound image-guided algorithms for tracking liver motion. , 2012, , .		2
76	Effectiveness of external respiratory surrogates for <i>in vivo</i> liver motion estimation. Medical Physics, 2012, 39, 5293-5301.	3.0	6
77	Long-Term Outcomes After Resection Versus Transplantation for Hepatocellular Carcinoma Within UCSF Criteria. Annals of Surgical Oncology, 2012, 19, 826-833.	1.5	45
78	Survival in patients with recurrent hepatocellular carcinoma after primary hepatectomy: Comparative effectiveness of treatment modalities. Surgery, 2012, 151, 700-709.	1.9	87
79	Using ultrasound Nakagami imaging to assess liver fibrosis in rats. Ultrasonics, 2012, 52, 215-222.	3.9	65
80	Single-element ultrasound transducer for combined vessel localization and ablation. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2011, 58, 766-775.	3.0	6
81	Hepatic ADC value correlates with cirrhotic severity of patients with biliary atresia. European Journal of Radiology, 2011, 80, e253-e257.	2.6	17
82	Biliary Complications After Liver Transplantation: An 18-Year Single-center Experience. Journal of the Formosan Medical Association, 2011, 110, 183-189.	1.7	5
83	Ultrasound Image-guided Tracking Algorithm for Moving-tumor Treatment. , 2011, , .		1
84	Computed tomography indices and criteria for the prediction of esophageal variceal bleeding in survivors of biliary atresia awaiting liver transplantation. Asian Journal of Surgery, 2011, 34, 168-174.	0.4	11
85	Computerized Detection and Quantification of Microcalcifications in Thyroid Nodules. Ultrasound in Medicine and Biology, 2011, 37, 870-878.	1.5	22
86	Longitudinal assessment of prognostic factors for patients with hepatorenal syndrome in a tertiary center. Hepatology International, 2010, 4, 507-510.	4.2	11
87	Clinical course of <i>de novo</i> hepatitis B infection after pediatric liver transplantation. Liver Transplantation, 2010, 16, 215-221.	2.4	22
88	Sirolimus-induced signaling modifications in Kaposi's sarcoma with resolution in a liver transplant recipient. Clinical Transplantation, 2010, 24, 127-132.	1.6	10
89	Stabilization of blood methylmalonic acid level in methylmalonic acidemia after liver transplantation. Pediatric Transplantation, 2010, 14, 337-341.	1.0	35
90	Three-dimensional ultrasonic Nakagami imaging for tissue characterization. Physics in Medicine and Biology, 2010, 55, 5849-5866.	3.0	23

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91	Health-Related Quality of Life in Patients With Hepatocellular Carcinoma: A Systematic Review. <i>Clinical Gastroenterology and Hepatology</i> , 2010, 8, 559-564.e10.	4.4	94
92	Right ventricular exclusion for hepatocellular carcinoma metastatic to the heart. <i>Journal of Cardiothoracic Surgery</i> , 2010, 5, 95.	1.1	5
93	S1P5 is required for sphingosine 1-phosphate-induced autophagy in human prostate cancer PC-3 cells. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 297, C451-C458.	4.6	68
94	Morphine- and glucagon-augmented magnetic resonance cholangiopancreatography to evaluate living liver donors. <i>Liver Transplantation</i> , 2009, 15, 1021-1027.	2.4	7
95	An adaptive threshold filter for ultrasound signal rejection. <i>Ultrasonics</i> , 2009, 49, 413-418.	3.9	19
96	Clinical manifestations and survival of hepatocellular carcinoma patients with peritoneal metastasis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2009, 24, 815-820.	2.8	46
97	Use of Nakagami Statistics and Empirical Mode Decomposition for Ultrasound Tissue Characterization by a Nonfocused Transducer. <i>Ultrasound in Medicine and Biology</i> , 2009, 35, 2055-2068.	1.5	29
98	Identification of Calreticulin as a Prognosis Marker and Angiogenic Regulator in Human Gastric Cancer. <i>Annals of Surgical Oncology</i> , 2009, 16, 524-533.	1.5	111
99	Liver Resection Improves the Survival of Patients with Multiple Hepatocellular Carcinomas. <i>Annals of Surgical Oncology</i> , 2009, 16, 848-855.	1.5	105
100	Heparanase inhibitor PI-88 as adjuvant therapy for hepatocellular carcinoma after curative resection: A randomized phase II trial for safety and optimal dosage. <i>Journal of Hepatology</i> , 2009, 50, 958-968.	3.7	144
101	Timing of Epstein-Barr Virus Acquisition and the Course of Posttransplantation Lymphoproliferative Disorder in Children. <i>Transplantation</i> , 2009, 87, 758-762.	1.0	17
102	High-titer Antibody to Hepatitis B Surface Antigen Before Liver Transplantation Can Prevent De Novo Hepatitis B Infection. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2009, 48, 203-208.	1.8	46
103	A planar interdigitated ring electrode array via dielectrophoresis for uniform patterning of cells. <i>Biosensors and Bioelectronics</i> , 2008, 24, 869-875.	10.1	62
104	Using the Acoustic Interference Pattern to Locate the Focus of a High-Intensity Focused Ultrasound (HIFU) Transducer. <i>Ultrasound in Medicine and Biology</i> , 2008, 34, 137-146.	1.5	21
105	Minimizing abdominal wall damage during high-intensity focused ultrasound ablation by inducing artificial ascites. <i>Journal of the Acoustical Society of America</i> , 2008, 124, 674-679.	1.1	16
106	Expression of Hepatocyte Transporters and Nuclear Receptors in Children With Early and Late-Stage Biliary Atresia. <i>Pediatric Research</i> , 2008, 63, 667-673.	2.3	79
107	Response to Booster Hepatitis B Vaccines in Liver-Transplanted Children Primarily Vaccinated in Infancy. <i>Transplantation</i> , 2008, 86, 1531-1535.	1.0	11
108	Sphingosine 1-phosphate (S1P) induces autophagy of PC3 human prostate cancer cells. <i>FASEB Journal</i> , 2008, 22, 1238.21.	0.5	0

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109	Ectopic Liver with Hepatocellular Carcinoma in the Peritoneum. American Journal of Roentgenology, 2007, 188, W206-W207.	2.2	8
110	Placenta growth factor not vascular endothelial growth factor A or C can predict the early recurrence after radical resection of hepatocellular carcinoma. Cancer Letters, 2007, 250, 237-249.	7.2	65
111	Gene Expression Profiles in Living Donors Immediately After Partial Hepatectomyâ€™The Initial Response of Liver Regeneration. Journal of the Formosan Medical Association, 2007, 106, 288-294.	1.7	4
112	Cytomegalovirus-associated Immune Thrombocytopenic Purpura After Liver Transplantation. Journal of the Formosan Medical Association, 2007, 106, 327-329.	1.7	13
113	Clinicopathological Features and Prognosis in Resectable Synchronous and Metachronous Colorectal Liver Metastasis. Annals of Surgical Oncology, 2007, 14, 786-794.	1.5	170
114	Management of Hepatic Angiomyolipoma. Journal of Gastrointestinal Surgery, 2007, 11, 452-457.	1.7	117
115	Long-Term Prognosis of Patients with Biliary Atresia: A 25 Year Summary. Journal of Pediatric Gastroenterology and Nutrition, 2006, 42, 190-195.	1.8	129
116	Post-transplantation lymphoproliferative disorders localizing to the gastrointestinal tract after liver transplantation: Report of five pediatric cases. Pediatric Transplantation, 2006, 10, 390-394.	1.0	65
117	A Gene Expression Profile for Vascular Invasion can Predict the Recurrence After Resection of Hepatocellular Carcinoma: a Microarray Approach. Annals of Surgical Oncology, 2006, 13, 1474-1484.	1.5	59
118	Feasibility of salvage liver transplantation for patients with recurrent hepatocellular carcinoma. Clinical Transplantation, 2005, 19, 175-180.	1.6	48
119	Risk Factors of Massive Bleeding Related to Pancreatic Leak after Pancreaticoduodenectomy. Journal of the American College of Surgeons, 2005, 201, 554-559.	0.5	122
120	Liver transplantation for acute hepatic failure. Transplantation Proceedings, 2004, 36, 2226-2227.	0.6	15
121	Liver transplantation for patients with hepatocellular carcinoma. Transplantation Proceedings, 2004, 36, 2291-2292.	0.6	14
122	Surgical complications and outcome of living related liver transplantation. Transplantation Proceedings, 2004, 36, 2249-2251.	0.6	22
123	Do patients with acute liver failure have a better chance to receive liver grafting?. Transplantation Proceedings, 2004, 36, 2232-2233.	0.6	2
124	Treatment of centrally located hepatocellular carcinoma with central hepatectomy. Surgery, 2003, 133, 251-256.	1.9	72
125	Prognostic factors for hepatocellular carcinoma < or = 3 cm in diameter. Hepato-Gastroenterology, 2003, 50, 2043-8.	0.5	2
126	Changes in health-related quality of life and working competence before and after liver transplantation. Transplantation Proceedings, 2000, 32, 2144-2148.	0.6	19

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127	Family perspectives of the factors facilitating Taiwanese pediatric recipientsâ€™ recovery from liver transplantation: one year follow-up. Transplantation Proceedings, 2000, 32, 2152-2155.	0.6	1
128	Liver transplantation in a patient with diffuse portal venous system thrombosis. Transplantation Proceedings, 2000, 32, 2174-2176.	0.6	8
129	Liver transplantation in a patient with pulmonary hypertension. Transplantation Proceedings, 2000, 32, 2179-2181.	0.6	4
130	Liver transplantation for patients with hepatitis B: prevention of hepatitis B recurrence by intravenous antihepatitis B immunoglobulin and lamivudine. Transplantation Proceedings, 2000, 32, 2245-2247.	0.6	22
131	Duodenal Endoclip Migration after Laparoscopic Cholecystectomy: Report of a Case. Endoscopy, 1997, 29, 339-339.	1.8	7
132	Design, fabrication, and characterization of microstructured polymer optical fibers. , 0, , .		1
133	Lung image registration by featured surface matching method. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 0, , 1-10.	1.9	0