

# Shyh-Jen Wang

## List of Publications by Citations

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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.

67

papers

634

citations

13

h-index

23

g-index

70

ext. papers

727

ext. citations

6.7

avg, IF

3.68

L-index

#	Paper	IF	Citations
67	Cognition-Modulated Frontal Activity in Prediction and Augmentation of Antidepressant Efficacy: A Randomized Controlled Pilot Study. <i>Cerebral Cortex</i> , <b>2016</b> , 26, 202-10	5.1	49
66	Biodistribution of rhenium-188 Lipiodol infused via the hepatic artery of rats with hepatic tumours. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>1996</b> , 23, 13-7		46
65	Differentiation of single solid lesions in the lungs by means of single-photon emission tomography with technetium-99m methoxyisobutylisonitrile. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>1993</b> , 20, 249-54		42
64	Rhenium-188 hydroxyethylidene diphosphonate: a new generator-produced radiotherapeutic drug of potential value for the treatment of bone metastases. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>1997</b> , 24, 590-5		40
63	Prefrontal glucose metabolism in medication-resistant major depression. <i>British Journal of Psychiatry</i> , <b>2015</b> , 206, 316-23	5.4	39
62	Fractionated Boron Neutron Capture Therapy in Locally Recurrent Head and Neck Cancer: A Prospective Phase I/II Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2016</b> , 95, 396-403 <sup>†</sup>		38
61	Functional dysconnection in the prefrontal-amygdala circuitry in unaffected siblings of patients with bipolar I disorder. <i>Bipolar Disorders</i> , <b>2015</b> , 17, 626-35	3.8	32
60	Detection of acute inhalation injury in fire victims by means of technetium-99m DTPA radioaerosol inhalation lung scintigraphy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>1997</b> , 24, 125-9		30
59	Fractionated BNCT for locally recurrent head and neck cancer: experience from a phase I/II clinical trial at Tsing Hua Open-Pool Reactor. <i>Applied Radiation and Isotopes</i> , <b>2014</b> , 88, 23-7	1.7	29
58	The Clemson Limit Stress Diagram for Ductile Parts Subjected to Positive Mean Fatigue Loading. <i>Journal of Mechanical Design, Transactions of the ASME</i> , <b>2000</b> , 122, 143-146	3	25
57	Factors to evaluate a patent in addition to citations. <i>Scientometrics</i> , <b>2007</b> , 71, 509-522	3	23
56	Evaluation of three rhenium-188 candidates for intravascular radiation therapy with liquid-filled balloons to prevent restenosis. <i>Journal of Nuclear Cardiology</i> , <b>2000</b> , 7, 37-42	2.1	18
55	Association between the serotonin transporter and cytokines: Implications for the pathophysiology of bipolar disorder. <i>Journal of Affective Disorders</i> , <b>2016</b> , 191, 29-35	6.6	13
54	Peripheral and central glucose utilizations modulated by mitochondrial DNA 10398A in bipolar disorder. <i>Psychoneuroendocrinology</i> , <b>2015</b> , 55, 72-80	5	11
53	Designing around patents: a guideline. <i>Nature Biotechnology</i> , <b>2008</b> , 26, 519-22	44.5	11
52	A phase 0 study of the pharmacokinetics, biodistribution, and dosimetry of Re-liposome in patients with metastatic tumors. <i>EJNMMI Research</i> , <b>2019</b> , 9, 46	3.6	10
51	Improved dosimetry for targeted radionuclide therapy using nonrigid registration on sequential SPECT images. <i>Medical Physics</i> , <b>2015</b> , 42, 1060-70	4.4	10

50	Short term vs. long term test-retest reproducibility of $^{111}\text{In}$ -ADAM for the binding of serotonin transporters in the human brain. <i>Psychiatry Research - Neuroimaging</i> , <b>2011</b> , 194, 224-229	2.9	9
49	A New Criterion for Positive Mean Stress Fatigue Design. <i>Journal of Mechanical Design, Transactions of the ASME</i> , <b>1997</b> , 119, 135-137	3	9
48	Synthesis and preclinical characterization of $^{18}\text{F}$ FPBZA: a novel PET probe for melanoma. <i>BioMed Research International</i> , <b>2014</b> , 2014, 912498	3	8
47	The modulus of toughness of urinary calculi. <i>Journal of Biomechanical Engineering</i> , <b>2002</b> , 124, 133-4	2.1	8
46	Sphingosine-1-phosphate in Endothelial Cell Recellularization Improves Patency and Endothelialization of Decellularized Vascular Grafts In Vivo. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	7
45	Neither cortisol nor brain-derived neurotrophic factor is associated with serotonin transporter in bipolar disorder. <i>European Neuropsychopharmacology</i> , <b>2016</b> , 26, 280-287	1.2	7
44	Striatal dopamine transporter binding for predicting the development of delayed neuropsychological sequelae in suicide attempters by carbon monoxide poisoning: A SPECT study. <i>Psychiatry Research - Neuroimaging</i> , <b>2011</b> , 194, 219-223	2.9	7
43	The obviousness rejection as a barrier to biotech patent prosecution. <i>Nature Biotechnology</i> , <b>2009</b> , 27, 1125-6	44.5	7
42	The state of art patent search with an example of human vaccines. <i>Hum Vaccin</i> , <b>2011</b> , 7, 265-8		7
41	Uptake of gallium-67 citrate in clean surgical incisions after colorectal surgery. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2001</b> , 28, 369-72		7
40	A new technique for labeling of Lipiodol with $^{188}\text{Re}$ in the treatment of hepatic tumor. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2004</b> , 261, 189-193	1.5	6
39	Semi-quantitative evaluation of gallium-67 scintigraphy in lupus nephritis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2000</b> , 27, 1626-31	8.8	6
38	Longitudinal changes in the dopamine transporter and cognition in suicide attempters with charcoal burning. <i>Psychiatry Research - Neuroimaging</i> , <b>2015</b> , 231, 160-7	2.9	5
37	A simple method for preparing radioactive capsules in colon transit study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2000</b> , 27, 857-60	8.8	5
36	Printing a Three-Dimensional Patient-Specific Safety Device for Reducing the Potential Risk of Mental Nerve Injury During Transoral Thyroidectomy. <i>World Journal of Surgery</i> , <b>2020</b> , 44, 371-377	3.3	5
35	The impact of patent eligibility on biotech patents: A flow chart for determining patent eligibility and an immune therapy case study. <i>Human Vaccines and Immunotherapeutics</i> , <b>2015</b> , 11, 789-94	4.4	4
34	The stem cell patent landscape as relevant to cancer vaccines. <i>Hum Vaccin</i> , <b>2011</b> , 7, 1100-8		4
33	Printing a 3-dimensional, Patient-specific Splint for Wound Immobilization: A Case Demonstration. <i>Ostomy - Wound Management</i> , <b>2018</b> , 64, 8-17		4

32	The overview and prospects of BNCT facility at Tsing Hua Open-pool reactor. <i>Applied Radiation and Isotopes</i> , <b>2020</b> , 161, 109143	1.7	3
31	Patent portfolios for biotech inventions. <i>Nature Biotechnology</i> , <b>2013</b> , 31, 501-3	44.5	3
30	Identification of the factors that result in obviousness rulings for biotech patents: an updated analysis of the US Federal Circuit decisions after KSR. <i>Human Vaccines and Immunotherapeutics</i> , <b>2013</b> , 9, 2490-5	4.4	3
29	The obviousness rejection as a barrier to vaccine patent prosecution. <i>Hum Vaccin</i> , <b>2011</b> , 7, 474-6		3
28	Candida vaccines development from point view of US patent application. <i>Hum Vaccin</i> , <b>2011</b> , 7, 1165-71		3
27	The written description rejection as a barrier to biotech patent prosecution. <i>Hum Vaccin</i> , <b>2011</b> , 7, 569-73		3
26	Mean Shear Stress Effect for a Notch-Free Ductile Material Under Pure Cyclic Torsional Loads. <i>Journal of Pressure Vessel Technology, Transactions of the ASME</i> , <b>2006</b> , 128, 667-669	1.2	3
25	Hardness evaluation of penile prostheses. <i>International Journal of Urology</i> , <b>2006</b> , 13, 569-72	2.3	3
24	The use of technetium-99m hexamethylpropylene amine oxime labelled white blood cells to detect subclinical inflammation of the heart after cardiopulmonary bypass in children with congenital heart disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>1992</b> , 19, 960-3		3
23	Printing a 3-dimensional, Patient-specific Splint for Wound Immobilization: A Case Demonstration. <i>Ostomy - Wound Management</i> , <b>2018</b> , 64, 28-33		3
22	Effects of 99mTc-TRODAT-1 drug template on image quantitative analysis. <i>PLoS ONE</i> , <b>2018</b> , 13, e0194503	3.7	2
21	A newly designed total implantable venous access device in rats for research with high efficiency and low cost. <i>Journal of Surgical Research</i> , <b>2014</b> , 187, 36-42	2.5	2
20	Design-around biotechnology patents: an analysis of US Federal Circuit decisions shows the possibility of designing around biotechnology patents. <i>Hum Vaccin</i> , <b>2011</b> , 7, 125-8		2
19	The "real world" barriers and solutions to Candida vaccine patent prosecutions: an analysis of U.S. Patent and Trademark Office actions on related applications. <i>Human Vaccines and Immunotherapeutics</i> , <b>2012</b> , 8, 1443-9	4.4	2
18	Printing a patient-specific instrument guide for skull osteoma management. <i>Journal of the Chinese Medical Association</i> , <b>2020</b> , 83, 918-922	2.8	2
17	Drafting eligible biotech and immunotherapy claims. <i>Human Vaccines and Immunotherapeutics</i> , <b>2019</b> , 15, 2706-2712	4.4	1
16	The newly filed patent applications for vaccines against staphylococcus aureus. <i>Human Vaccines and Immunotherapeutics</i> , <b>2017</b> , 13, 2637-2638	4.4	1
15	Designing around patents with an immunotherapy case: a take-home message of a full court decision by the US Federal Circuit. <i>Human Vaccines and Immunotherapeutics</i> , <b>2012</b> , 8, 679-81	4.4	1

14	Determination of orthotropic bone elastic constants using FEA and modal analysis by Taylor WR et al. [J Biomech. (2002) Vol. 35, pp. 767-773]. <i>Journal of Biomechanics</i> , <b>2004</b> , 37, 421	2.9	1
13	A new blade for the bookwalter retractor system. <i>Digestive Surgery</i> , <b>2003</b> , 20, 180-1	2.5	1
12	Radionuclide colon transit study in patients with idiopathic constipation. <i>Hepato-Gastroenterology</i> , <b>2002</b> , 49, 1262-4		1
11	Printing a static progressive orthosis for hand rehabilitation. <i>Journal of the Chinese Medical Association</i> , <b>2021</b> , 84, 795-798	2.8	0
10	The limited benefit of "product-by-process" claim. <i>Human Vaccines and Immunotherapeutics</i> , <b>2016</b> , 12, 2685-2687	4.4	0
9	The shadow of inequitable conduct in the US patent application. <i>Human Vaccines and Immunotherapeutics</i> , <b>2016</b> , 12, 1318-20	4.4	
8	Sharpening a biotech patent through methods claims under the litigation strategy of induced infringement: a message from the US Federal Circuit full court decision. <i>Human Vaccines and Immunotherapeutics</i> , <b>2014</b> , 10, 808-11	4.4	
7	On the elastic properties of arteries, by Stephanis, C.G., et al., 2000.; <i>Journal of Biomechanics</i> 36, 1727-1731. <i>Journal of Biomechanics</i> , <b>2005</b> , 38, 191; author reply 193	2.9	
6	The symmetry indices of malar mounds for zygomatic bone fracture management based on a computed tomographic model. <i>Journal of the Chinese Medical Association</i> , <b>2021</b> , 84, 709-712	2.8	
5	A comparison study of ultrasound and Xenon-133 hepatic retention ratio in fatty liver. <i>Hepato-Gastroenterology</i> , <b>2002</b> , 49, 1036-8		
4	In-111-labeled platelet scintigraphies in patients with chronic hepatitis C. <i>Hepato-Gastroenterology</i> , <b>2002</b> , 49, 1066-8		
3	Solid-phase radionuclide esophageal transit in progressive systemic sclerosis. <i>Hepato-Gastroenterology</i> , <b>2002</b> , 49, 989-91		
2	Use of fractionated doses of iodine-131 for ablation of thyroid remnants. <i>Zhonghua Yi Xue Za Zhi = Chinese Medical Journal; Free China Ed</i> , <b>2002</b> , 65, 336-40		
1	Relieving patent-eligibility barriers in biotech with a preparation or treatment method.. <i>Nature Biotechnology</i> , <b>2022</b> , 40, 651-653	44.5	