

Author's name: **wongcharoen w**

Exclude these names:

Year of publication between:  and:

Biology, Life S  
 Business, Adm  
 Chemistry and  
 Engineering, C  
 Medicine, Pha  
 Physics, Astro  
 Social Science

Note that although Wanwarang has published >40 papers, each with various frequency of citations, there are 11 papers which have been cited at least 11 times. So her H-index is 11.

**Results**

Papers:	102	Cites/paper:	2.97	h-index:	11	AWCR:	100.47
Citations:	303	Cites/author:	66.68	g-index:	15	AW-index:	10.02
Years:	27	Papers/author:	24.59	hc-index:	12	AWCRpA:	21.92
Cites/year:	11.22	Authors/paper:	4.44	hI-index:	2.42	e-index:	8.66
				hI,norm:	4	hm-index:	4.80

Cites	Per year	Rank	Authors	Title	Year	Publication	Publisher
42	10.50	1	W Wongcharoen, H...	Morphologic characteristics of the left atrium	2006	Journal of cardiovascular electrophysiology	interscience.wiley.com
26	8.67	2	CT Tai, YJ Lin, SL...	Progressive remodeling of the atrial substrate	2007	Journal of Cardiovascular Electrophysiology	interscience.wiley.com
17	4.25	7	W Wongcharoen, Y...	Effects of a Na <sup>+</sup> /Ca <sup>2+</sup> exchanger inhibitor on atrial arrhythmias	2006	Cardiovascular research	Elsevier
16	5.33	4	CT Tai, YJ Lin, M...	The electroanatomic characteristics of the left atrium	2007	Journal of Cardiovascular Electrophysiology	interscience.wiley.com
16	5.33	8	CTAI TAI, SLIN...	Morphological changes of the left atrium in atrial fibrillation	2007	Journal of Cardiovascular Electrophysiology	interscience.wiley.com
16	5.33	3	CT Tai, YJ Lin, W...	The efficacy of inducibility and ablation in atrial fibrillation	2007	Journal of Cardiovascular Electrophysiology	interscience.wiley.com
14	3.50	6	CTAI TAI, SLIN...	Anatomic characteristics of the left atrium in atrial fibrillation	2006	Journal of cardiovascular electrophysiology	interscience.wiley.com
14	7.00	5	T Kao, SL Chang,...	Consistency of complex fractionated atrial ectopic beats	2008	Heart Rhythm	Elsevier
13	4.33	9	Chen, YC Chen, Y...	Effect of K201, a novel antiarrhythmic drug, on atrial fibrillation	2007	British journal of pharmacology	nature.com
11	3.67	11	Chen, YJ Chen, Y...	Calmodulin kinase II inhibition prevents atrial fibrillation	2007	European Journal of Pharmacology	Elsevier
11	3.67	10	CT Tai, YJ Lin, W...	The role of left atrial muscular bundle branches in atrial fibrillation	2007	Journal of the American College of Cardiology	Elsevier
9	2.25	12	Chang, LW Lo, W...	Substrate mapping to detect abnormal atrial activation	2006	Journal of the American College of Cardiology	Elsevier
8	2.00	16	W Wongcharoen, H...	Preexisting pulmonary vein stenosis in atrial fibrillation	2006	Journal of cardiovascular electrophysiology	interscience.wiley.com
8	2.67	18	Chang, CT Tai, ...	Tumor necrosis factor- $\alpha$ alters calcium handling in atrial myocytes	2007	Life sciences	Elsevier
7	3.50	21	YF Hu, SJ Chiang...	The important role of pulmonary vein antrum ablation in atrial fibrillation	2008	Journal of Cardiovascular Electrophysiology	interscience.wiley.com
7	2.33	13	CT Tai, YJ Lin, W...	Biatrial substrate properties in patients with atrial fibrillation	2007	Journal of Cardiovascular Electrophysiology	interscience.wiley.com
6	1.50	14	Chang, SJ Chian...	Anatomic proximity of the esophagus to the left atrium	2006	Journal of cardiovascular electrophysiology	interscience.wiley.com
6	0.86	28	SSA Obayya, T ...	Rigorous beam propagation analysis of optical fibers	2003	Lightwave Technology, Journal of	ieeexplore.ieee.org
6	2.00	15	CT Tai, YJ Lin, S...	Mechanisms of recurrent atrial fibrillation after ablation	2007	Journal of Cardiovascular Electrophysiology	interscience.wiley.com
5	1.67	17	CT Tai, YJ Lin, W...	The efficacy of inducibility and ablation in atrial fibrillation	2007	Journal of Cardiovascular Electrophysiology	interscience.wiley.com
5	1.67	24	W Wongcharoen, Y...	Ageing increases pulmonary vein antrum ablation in atrial fibrillation	2007	Heart Rhythm	Elsevier

***A researcher with an index of  $h$  has published  $h$  papers each of which has been cited by others at least  $h$  times***

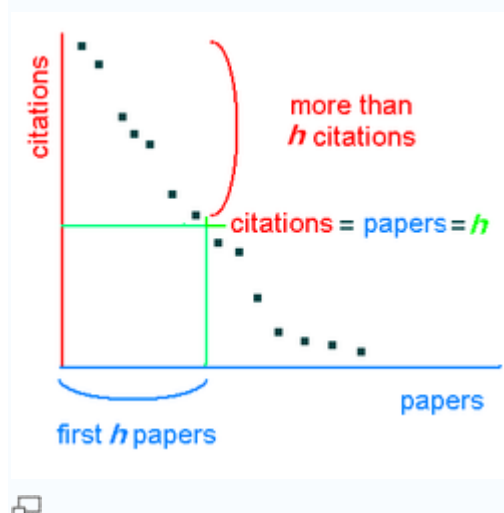
Visit [www.harzing.com/pop.htm](http://www.harzing.com/pop.htm) to download a software that helps you determine your

H-index or your friends' H-indices based on "Google Scholar" database.

The  **$h$ -index** is an index that attempts to measure both the scientific productivity and the apparent scientific impact of a scientist. The index is based on the set of the scientist's most cited papers and the number of citations that they have received in other people's publications. The index can also be applied to the productivity and impact of a group of scientists, such as a department or university or country. The index was suggested by Jorge E. Hirsch, a physicist at UCSD, as a tool for determining theoretical physicists' relative quality and is sometimes called the *Hirsch index* or *Hirsch number*.

Hirsch suggested that, for physicists, a value for  $h$  of about 10-12 might be a useful guideline for tenure decisions at major research universities. A value of about 18 could mean a full professorship, 15–20 could mean a fellowship in the American Physical Society, and 45 or higher could mean membership in the United States National Academy of Sciences.

## Definition and purpose



***A researcher has index  $h$  if  $h$  of [his/her]  $N_p$  papers have at least  $h$  citations each, and the other  $(N_p - h)$  papers have at most  $h$  citations each.***