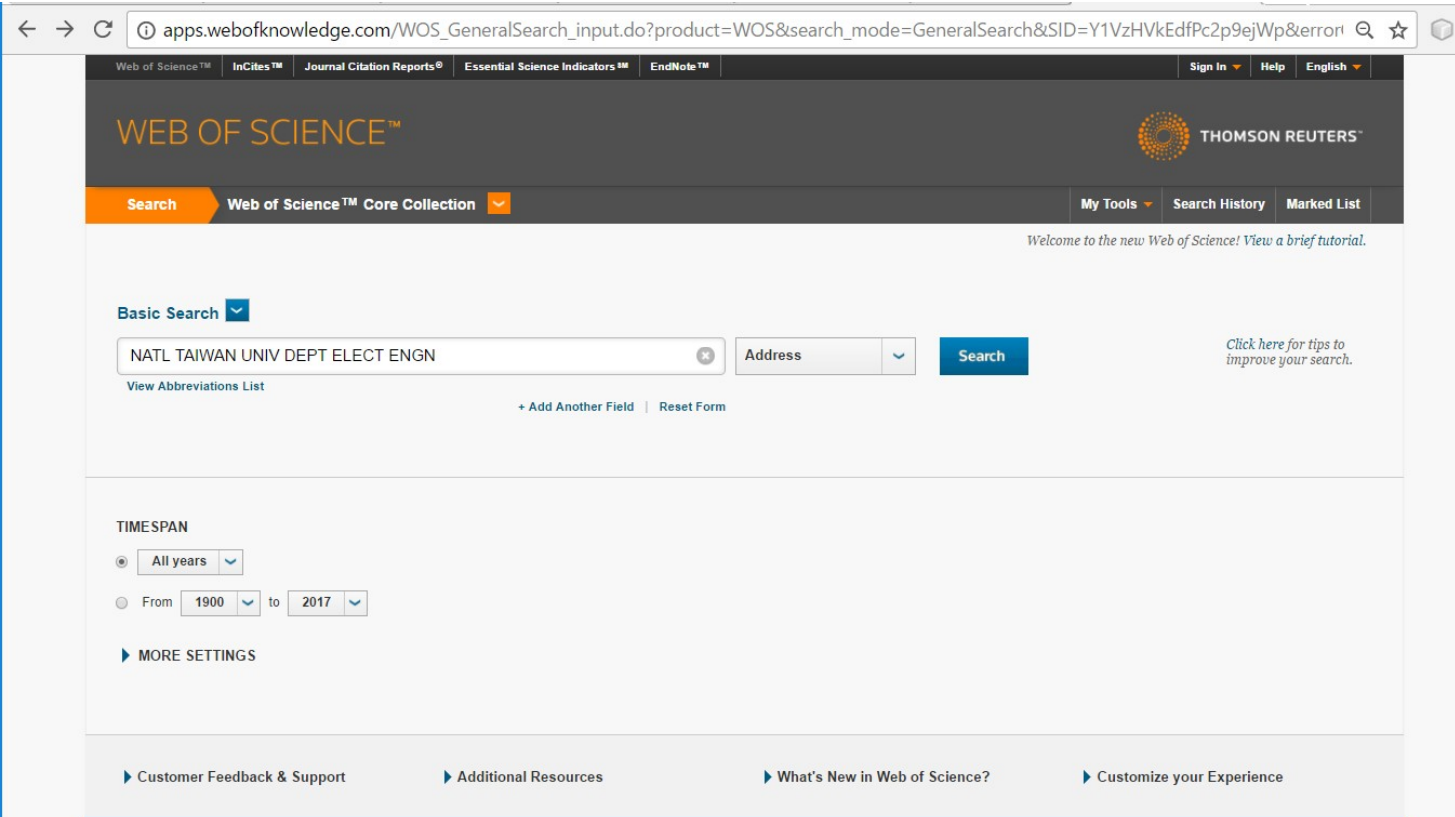


## 台大電機引用次數前五名的論文

在 Web of Science 資料庫中的 ADDRESS 欄位以 “NATL TAIWAN UNIV DEPT ELECT ENGN” 搜尋： (搜尋日期：2017/11/24)

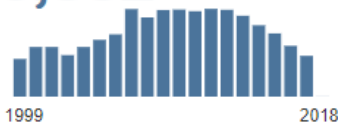


The screenshot displays the Web of Science search interface. The browser address bar shows the URL: [apps.webofknowledge.com/WOS\\_GeneralSearch\\_input.do?product=WOS&search\\_mode=GeneralSearch&SID=Y1VzHVkEdfPc2p9ejWp&error!](https://apps.webofknowledge.com/WOS_GeneralSearch_input.do?product=WOS&search_mode=GeneralSearch&SID=Y1VzHVkEdfPc2p9ejWp&error!). The page header includes navigation links for Web of Science™, InCites™, Journal Citation Reports®, Essential Science Indicators™, and EndNote™, along with options for Sign In, Help, and English. The main search area features the "WEB OF SCIENCE™" logo and the Thomson Reuters logo. Below the logo, there is a search bar with the text "NATL TAIWAN UNIV DEPT ELECT ENGN" and a dropdown menu set to "Address". A "Search" button is visible to the right of the search bar. Below the search bar, there are links for "View Abbreviations List", "+ Add Another Field", and "Reset Form". The "TIMESPAN" section shows "All years" selected, with options for "From 1900" and "to 2017". A "MORE SETTINGS" link is also present. At the bottom of the page, there are four links: "Customer Feedback & Support", "Additional Resources", "What's New in Web of Science?", and "Customize your Experience".

Export Data: [Save to Text File](#)

Total Publications

**6,882**



*h*-index

**101**

Average citations per item

**15.29**

Sum of Times Cited

**105,224**

Without self citations

**96,730**

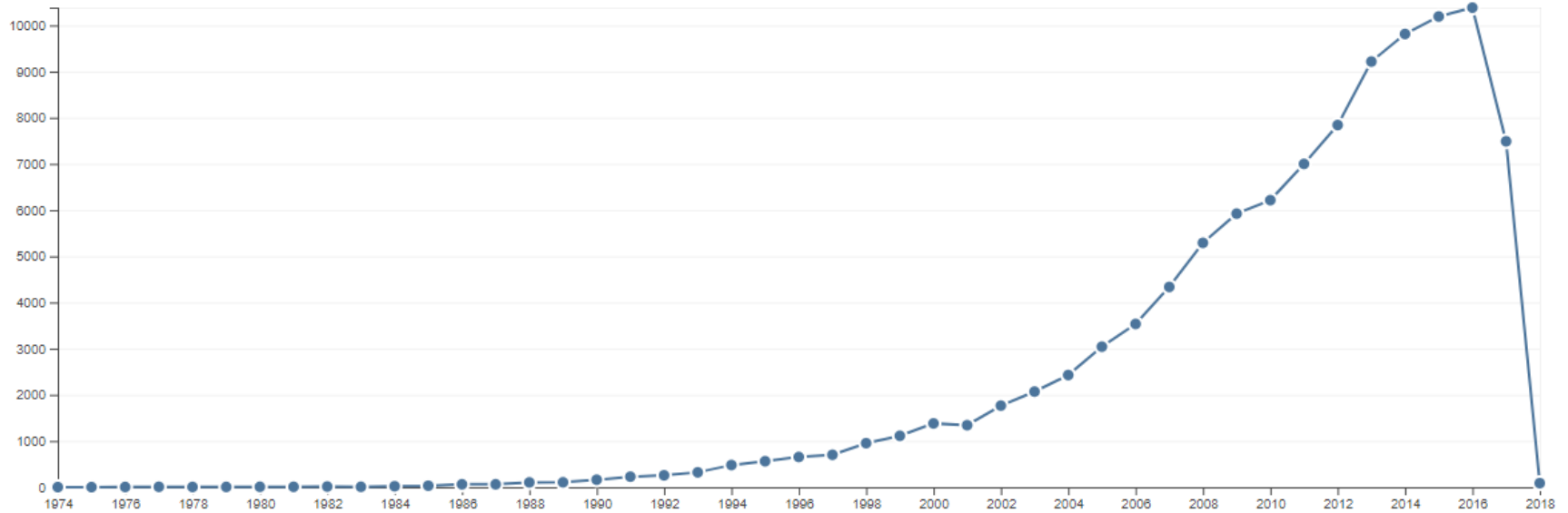
Citing articles

**81,500**

Without self citations

**78,009**

Sum of Times Cited per Year



		2014	2015	2016	2017	2018	Total	Average Citations per Year
Use the checkboxes to remove individual items from this Citation Report								
or restrict to items published between 1900 and 2018 <input type="button" value="Go"/>								
<input type="checkbox"/>	1. <b>Data mining: An overview from a database perspective</b> By: Chen, MS; Han, JW; Yu, PS IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING Volume: 8 Issue: 6 Pages: 866-883 Published: DEC 1996	9813	10192	10384	7489	87	105224	2391.45
<input type="checkbox"/>	2. <b>Fuzzy support vector machines</b> By: Lin, CF; Wang, SD IEEE TRANSACTIONS ON NEURAL NETWORKS Volume: 13 Issue: 2 Pages: 464-471 Article Number: PII S1045-9227(02)01807-6 Published: MAR 2002	40	39	65	29	0	851	38.68
<input type="checkbox"/>	3. <b>Highly efficient organic blue electrophosphorescent devices based on 3,6-bis(triphenylsilyl)carbazole as the host material</b> By: Tsai, MH; Lin, HW; Su, HC; et al. ADVANCED MATERIALS Volume: 18 Issue: 9 Pages: 1216-+ Published: MAY 2 2006	56	64	57	32	1	603	37.69
<input type="checkbox"/>	4. <b>3-(9-carbazolyl)carbazoles and 3,6-di(9-carbazolyl)carbazoles as effective host materials for efficient blue organic electrophosphorescence</b> By: Tsai, Ming-Han; Hong, Yun-Hua; Chang, Chih-Hao; et al. ADVANCED MATERIALS Volume: 19 Issue: 6 Pages: 862-+ Published: MAR 19 2007	26	37	32	21	0	348	29.00
<input type="checkbox"/>	5. <b>The odd-even turn model for adaptive routing</b> By: Chiu, GM IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS Volume: 11 Issue: 7 Pages: 729-738 Published: JUL 2000	28	54	29	32	0	342	31.09
<input type="checkbox"/>	6. <b>Ultrahigh-Gain Photodetectors Based on Atomically Thin Graphene-MoS2 Heterostructures</b> By: Zhang, Wenjing; Chuu, Chih-Piao; Huang, Jing-Kai; et al. SCIENTIFIC REPORTS Volume: 4 Article Number: 3826 Published: JAN 23 2014	32	30	34	20	1	341	18.94
<input type="checkbox"/>	7. <b>Efficient data mining for path traversal patterns</b> By: Chen, MS; Park, JS; Yu, PS IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING Volume: 10 Issue: 2 Pages: 209-221 Published: MAR-APR 1998	43	84	97	72	0	296	74.00
<input type="checkbox"/>	8. <b>CMOS differential difference current conveyors and their applications</b> By: Chiu, W; Liu, SI; Tsao, HW; et al. IEE PROCEEDINGS-CIRCUITS DEVICES AND SYSTEMS Volume: 143 Issue: 2 Pages: 91-96 Published: APR 1996	6	4	4	3	0	266	13.30
<input type="checkbox"/>	9. <b>Monolayer MoS2 Heterojunction Solar Cells</b> By: Tsai, Meng-Lin; Su, Sheng-Han; Chang, Jan-Kai; et al. ACS NANO Volume: 8 Issue: 8 Pages: 8317-8322 Published: AUG 2014	16	19	15	11	0	261	11.86
<input type="checkbox"/>	10. <b>Highly efficient blue-emitting iridium(III) carbene complexes and phosphorescent OLEDs</b> By: Chang, Chiung-Fang; Cheng, Yi-Ming; Chi, Yun; et al. ANGEWANDTE CHEMIE-INTERNATIONAL EDITION Volume: 47 Issue: 24 Pages: 4542-4545 Published: 2008	3	49	97	103	2	254	63.50
		35	32	30	16	0	251	25.10

- 11. **Unit commitment by Lagrangian relaxation and genetic algorithms**  
 By: Cheng, CP; Liu, CW; Liu, GC  
 IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 15 Issue: 2 Pages: 707-714 Published: MAY 2000
- 12. **Efficient moving object segmentation algorithm using background registration technique**  
 By: Chien, SY; Ma, SY; Chen, LG  
 IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY Volume: 12 Issue: 7 Pages: 577-586  
 Published: JUL 2002
- 13. **Few-Layer MoS2 with High Broadband Photogain and Fast Optical Switching for Use in Harsh Environments**  
 By: Tsai, Dung-Sheng; Liu, Keng-Ku; Lien, Der-Hsien; et al.  
 ACS NANO Volume: 7 Issue: 5 Pages: 3905-3911 Published: MAY 2013
- 14. **Using a hash-based method with transaction trimming for mining association rules.**  
 By: Park, JS; Chen, MS; Yu, PS  
 IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING Volume: 9 Issue: 5 Pages: 813-825 Published: SEP-OCT 1997
- 15. **Elastic modulus measurements of human liver and correlation with pathology**  
 By: Yeh, WC; Li, PC; Jeng, YM; et al.  
 ULTRASOUND IN MEDICINE AND BIOLOGY Volume: 28 Issue: 4 Pages: 467-474 Article Number: PII S0301-5629(02)00489-1  
 Published: APR 2002

23	19	27	6	0	246	13.67
16	7	12	4	0	224	14.00
34	60	59	53	3	213	42.60
7	10	6	3	0	208	9.90
24	19	27	10	0	205	12.81