

國立中興大學2023年H-index論文名單

附件9

- 說明: 1.表列論文若同時為本校HiCi論者，請擇一申請獎勵。
 2.每篇H-index論文以獎勵一次為限，曾獲獎勵者，該篇論文恕無法再提出申請。
 3.資料來源:Web of Science(WOS)
 4.時間區間：2013-2022年
 5.本校H-index值為115，共計115篇
 6.檢索日期：112.3.29

編號	WOS登錄號	作者	篇名	刊名	被引用次數	出版年份	卷	期	同時為HiCi論文	備註
1	WOS:000373595400001	Klionsky, Dj;Abdelmohsen, K;Abe, A;Abedin, Mj;Abeliovich, H;Arozena, Aa;Adachi, H;Adams, Cm;Adams, Pd;Adeli, K;Adihetty, Pj;Shieh, Jeng-Jer... 2242 People In Total	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition)	Autophagy	3841	2016	12	1	是	曾獲H-index論文獎勵(生醫所謝政哲)
2	WOS:000209767900001	Tsai, MH; Yeh, JW	High-Entropy Alloys: A Critical Review	Materials Research Letters	1632	2014	2	3	是	曾獲H-index論文獎勵(材料系蔡銘洪)
3	WOS:000321601400018	Tsai, KY; Tsai, MH; Yeh, JW	Sluggish diffusion in Co-Cr-Fe-Mn-Ni high-entropy alloys	Acta Materialia	1164	2013	61	13	是	曾獲HiCi論文獎勵(材料系蔡銘洪)
4	WOS:000371261700032	Chou, Chih-Hung; Chang, Nai-Wen; Shrestha, Sirjana; Hsu, Sheng-Da; Lin, Yu-Ling; Lee, Wei-Hsiang; Yang, Chi-Dung; Hong, Hsiao-Chin; Wei, Ting-Yen; Tu... 27 People In Total	miRTarBase 2016: updates to the experimentally validated miRNA-target interactions database	Nucleic Acids Research	792	2016	44	D1	是	
5	WOS:000439785700008	Lutz, James A.; Furniss, Tucker J.; Johnson, Daniel J.; Davies, Stuart J.; Allen, David; Alonso, Alfonso; Anderson-Teixeira, Kristina J.; Andrade, Ana; Baltzer, Jennifer; Becker, Kendall M. L.. 77 People In Total	Global importance of large-diameter trees	Global Ecology And Biogeography	725	2018	27	7	是	
6	WOS:000356145100001	Li, C; Yeh, FL; Cheung, AY; Duan, Q; Kita, D; Liu, MC; Maman, J; Luu, EJ; Wu, BW; Gates, L; Jalal, M; Kwong, A; Carpenter, H; Wu, HM	Glycosylphosphatidylinositol-anchored proteins as chaperones and co-receptors for FERONIA receptor kinase signaling in Arabidopsis	Elife	697	2015	4		是	
7	WOS:000351171900039	Brienen, Rjw;Phillips, Ol;Feldpausch, Tr;Gloor, E;Baker, Tr;Lloyd, J;Lopez-Gonzalez, G;Monteagudo-Mendoza, A... 66 People In Total	Long-term decline of the Amazon carbon sink	Nature	634	2015	519	7543	是	

8	WOS:000331139800013	Hsu, SD; Tseng, YT; Shrestha, S; Lin, YL; Khaleel, A; Chou, CH; Chu, CF; Huang, HY; Lin, CM; Ho, SY; Jian, TY; Lin, FM; Chang, TH; Weng, SL; Liao, KW; Liao, IE; Liu, CC; Huang, HD	miRTarBase update 2014: an information resource for experimentally validated miRNA-target interactions	Nucleic Acids Research	559	2014	42	D1	是	
9	WOS:000636121800001	Klionsky, Dj; Abdel-Aziz, Ak; Abdelfatah, S; Abdellatif, M; Abdoli, A; Abel, S; Abeliovich, H; Abildgaard, Mh; Abudu, Yp 2569 People In Total	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition)	Autophagy	508	2021	17	1	是	
10	WOS:000328644300047	Albert, Va; Barbazuk, Wb; Depamphilis, Cw; Der, Jp; Leebens-Mack, J; Ma, H; Palmer, Jd; Rounsley, S; Sankoff, D; Schuster, Sc...49 People In Total	The Amborella Genome and the Evolution of Flowering Plants	Science	491	2013	342	6165	是	
11	WOS:000405777600005	Dewey, Fe; Gusarova, V; Dunbar, Rl; Odushlaine, C; Schurmann, C; Gottesman, O; McCarthy, S; Van Hout, Cv...24 People In Total	Genetic and Pharmacologic Inactivation of ANGPTL3 and Cardiovascular Disease	New England Journal Of Medicine	462	2017	377	3	是	
12	WOS:000344042900038	Lee, B; Stoumpos, CC; Zhou, NJ; Hao, F; Malliakas, C; Yeh, CY; Marks, TJ; Kanatzidis, MG; Chang, RPH	Air-Stable Molecular Semiconducting Iodosalts for Solar Cell Applications: Cs(2)SnI(6) as a Hole Conductor	Journal Of The American Chemical Society	442	2014	136	43	是	曾獲H-index論文獎勵(化學系葉鎮宇)
13	WOS:000613245500004	Giannakis, S; Lin, KYA; Ghanbari, F	A review of the recent advances on the treatment of industrial wastewaters by Sulfate Radical-based Advanced Oxidation Processes (SR-AOPs)	Chemical Engineering Journal	424	2021	406		是	
14	WOS:000451242900001	Aubert, Salome; Barnes, Joel D.; Abdeta, Chalchisa; Nader, Patrick Abi; Adeniyi, Ade F.; Aguilar-Farias, Nicolas; Andrade Tenesaca, Dolores S.; Bhawra, Jasmin; .. 74 People In Total	Global Matrix 3.0 Physical Activity Report Card Grades for Children and Youth: Results and Analysis From 49 Countries	Journal Of Physical Activity & Health	401	2018	15		是	
15	WOS:000339227400019	Chen, GH; Chen, WY; Yen, YC; Wang, CW; Chang, HT; Chen, CF	Detection of Mercury(II) Ions Using Colorimetric Gold Nanoparticles on Paper-Based Analytical Devices	Analytical Chemistry	393	2014	86	14	是	
16	WOS:000336846300017	Yella, A; Mai, CL; Zakeeruddin, SM; Chang, SN; Hsieh, CH; Yeh, CY; Gratzel, M	Molecular Engineering of Push-Pull Porphyrin Dyes for Highly Efficient Dye-Sensitized Solar Cells: The Role of Benzene Spacers	Angewandte Chemie-International Edition	385	2014	53	11	是	曾獲H-index論文獎勵(化學系葉鎮宇)

17	WOS:000331611900003	Lee, CF; Liu, YC; Badsara, SS	Transition-Metal-Catalyzed C-S Bond Coupling Reaction	Chemistry-An Asian Journal	357	2014	9	3	是	曾獲HiCi論文獎勵(化學系李進發)
18	WOS:000321038800076	Lin, CY; Huo, C; Kuo, LK; Hiipakka, RA; Jones, RB; Lin, HP; Hung, YW; Su, LC; Tseng, JC; Kuo, YY; Wang, YL; Fukui, Y; Kao, YH; Kokontis, JM; Yeh, CC; Chen, LY; Yang, SD; Fu, HH; Chen, YW; Tsai, KKC; Chang, JY; Chuu, CP	Cholestane-3 beta, 5 alpha, 6 beta-triol Suppresses Proliferation, Migration, and Invasion of Human Prostate Cancer Cells	Plos One	341	2013	8	6		
19	WOS:000336999800012	Lin, YF; Xu, Y; Wang, ST; Li, SL; Yamamoto, M; Aparecido-Ferreira, A; Li, WW; Sun, HB; Nakaharai, S; Jian, WB; Ueno, K; Tsukagoshi, K	Ambipolar MoTe2 Transistors and Their Applications in Logic Circuits	Advanced Materials	340	2014	26	20	是	
20	WOS:000355026800012	Juan, CC; Tsai, MH; Tsai, CW; Lin, CM; Wang, WR; Yang, CC; Chen, SK; Lin, SJ; Yeh, JW	Enhanced mechanical properties of HfMoTaTiZr and HfMoNbTaTiZr refractory high-entropy alloys	Intermetallics	315	2015	62		是	曾獲H-index論文獎勵(材料系蔡銘洪)
21	WOS:000315595800017	Chen, HP; Shieh, JJ; Chang, CC; Chen, TT; Lin, JT; Wu, MS; Lin, JH; Wu, CY	Metformin decreases hepatocellular carcinoma risk in a dose-dependent manner: population-based and in vitro studies	Gut	283	2013	62	4	是	曾獲HiCi論文獎勵(生醫所謝政哲)
22	WOS:000316616400007	Nakatsuji, T; Chiang, HI; Jiang, SB; Nagarajan, H; Zengler, K; Gallo, RL	The microbiome extends to subepidermal compartments of normal skin	Nature Communications	277	2013	4		是	
23	WOS:000361868000081	Lin, KYA; Chang, HA	Ultra-high adsorption capacity of zeolitic imidazole framework-67 (ZIF-67) for removal of malachite green from water	Chemosphere	276	2015	139		是	
24	WOS:000338373400030	Wu, CY; Lin, JT; Ho, HJ; Su, CW; Lee, TY; Wang, SY; Wu, C; Wu, JC	Association of Nucleos(t)ide Analogue Therapy With Reduced Risk of Hepatocellular Carcinoma in Patients With Chronic Hepatitis B-A Nationwide Cohort Study	Gastroenterology	272	2014	147	1	是	
25	WOS:000368320600001	Chen, ASY; Hou, YH	The effects of ethical leadership, voice behavior and climates for innovation on creativity: A moderated mediation examination	Leadership Quarterly	265	2016	27	1	是	
26	WOS:000332821000006	Chang, CK; Hou, MH; Chang, CF; Hsiao, CD; Huang, TH	The SARS coronavirus nucleocapsid protein - Forms and functions	Antiviral Research	263	2014	103		是	

27	WOS:000321503700084	Lu, SF; Li, QZ; Wei, HR; Chang, MJ; Tunlaya-Anukit, S; Kim, H; Liu, J; Song, JY; Sun, YH; Yuan, LC; Yeh, TF; Peszlen, I; Ralph, J; Sederoff, RR; Chiang, VL	Ptr-miR397a is a negative regulator of laccase genes affecting lignin content in Populus trichocarpa	Proceedings Of The National Academy Of Sciences Of The United States Of America	263	2013	110	26	是	
28	WOS:000391919900015	Lai, YC; Deng, J; Zhang, SL; Niu, S; Guo, H; Wang, ZL	Single-Thread-Based Wearable and Highly Stretchable Triboelectric Nanogenerators and Their Applications in Cloth-Based Self-Powered Human-Interactive and Biomedical Sensing	Advanced Functional Materials	255	2017	27	1		曾獲HiCi論文獎勵(材料系賴盈至)
29	WOS:000371261700028	Liu, YC; Li, JR; Sun, CH; Andrews, E; Chao, RF; Lin, FM; Weng, SL; Hsu, SD; Huang, CC; Cheng, C; Liu, CC; Huang, HD	CircNet: a database of circular RNAs derived from transcriptome sequencing data	Nucleic Acids Research	250	2016	44	D1	是	
30	WOS:000354045700044	Gao, J; Zheng, YT; Jehng, JM; Tang, YD; Wachs, IE; Podkolzin, SG	Identification of molybdenum oxide nanostructures on zeolites for natural gas conversion	Science	247	2015	348	6235	是	曾獲H-index論文獎勵(化工系鄭紀民)
31	WOS:000405642800005	Wang, VCC; Maji, S; Chen, PRY; Lee, HK; Yu, SSF; Chan, SI	Alkane Oxidation: Methane Monooxygenases, Related Enzymes, and Their Biomimetics	Chemical Reviews	240	2017	117	13	是	
32	WOS:000397383500006	Lin, SC; Ho, CT; Chuo, WH; Li, SM; Wang, TT; Lin, CC	Effective inhibition of MERS-CoV infection by resveratrol	Bmc Infectious Diseases	240	2017	17		是	
33	WOS:000334990600087	Yamamoto, M; Wang, ST; Ni, MY; Lin, YF; Li, SL; Aikawa, S; Jian, WB; Ueno, K; Wakabayashi, K; Tsukagoshi, K	Strong Enhancement of Raman Scattering from a Bulk-Inactive Vibrational Mode in Few-Layer MoTe2	Acs Nano	237	2014	8	4		
34	WOS:000329059100030	Kuo, BC; Ho, HH; Li, CH; Hung, CC; Taur, JS	A Kernel-Based Feature Selection Method for SVM With RBF Kernel for Hyperspectral Image Classification	Ieee Journal Of Selected Topics In Applied Earth Observations And Remote Sensing	235	2014	7	1		
35	WOS:000439994500023	Lai, YC; Deng, J; Liu, R; Hsiao, YC; Zhang, SL; Peng, W; Wu, HM; Wang, X; Wang, ZL	Actively Perceiving and Responsive Soft Robots Enabled by Self-Powered, Highly Extensible, and Highly Sensitive Triboelectric Proximity- and Pressure-Sensing Skins	Advanced Materials	227	2018	30	28	是	曾獲H-index論文獎勵(材料系賴盈至)
36	WOS:000392725200014	Lai, YC; Deng, JN; Niu, SM; Peng, WB; Wu, CS; Liu, RY; Wen, Z; Wang, ZL	Electric Eel-Skin-Inspired Mechanically Durable and Super-Stretchable Nanogenerator for Deformable Power Source and Fully Autonomous Conformable Electronic-Skin Applications	Advanced Materials	225	2016	28	45		曾獲H-index論文獎勵(材料系賴盈至)

37	WOS:000368724000008	Chuang, CH; Jackson, SE; Jiang, Y	Can Knowledge-Intensive Teamwork Be Managed? Examining the Roles of HRM Systems, Leadership, and Tacit Knowledge	Journal Of Management	225	2016	42	2	是	曾獲HiCi論文獎勵(企管系莊智薰)
38	WOS:000334285200017	Tuan, SJ; Lee, CC; Chi, H	Population and damage projection of Spodoptera litura (F.) on peanuts (Arachis hypogaea L.) under different conditions using the age-stage, two-sex life table	Pest Management Science	223	2014	70	5	是	
39	WOS:000209767600004	Tsai, MH; Tsai, KY; Tsai, CW; Lee, C; Juan, CC; Yeh, JW	Criterion for Sigma Phase Formation in Cr- and V-Containing High-Entropy Alloys	Materials Research Letters	218	2013	1	4		曾獲H-index論文獎勵(材料系蔡銘洪)
40	WOS:000327723100033	Lin, WY; Huang, TK; Chiou, TJ	NITROGEN LIMITATION ADAPTATION, a Target of MicroRNA827, Mediates Degradation of Plasma Membrane-Localized Phosphate Transporters to Maintain Phosphate Homeostasis in Arabidopsis	Plant Cell	216	2013	25	10	是	
41	WOS:000363437400013	Lin, KYA; Liu, YT; Chen, SY	Adsorption of fluoride to UiO-66-NH ₂ in water: Stability, kinetic, isotherm and thermodynamic studies	Journal Of Colloid And Interface Science	214	2016	461		是	
42	WOS:000361662200001	Yuan, A; Hsiao, YJ; Chen, HY; Chen, HW; Ho, CC; Chen, YY; Liu, YC; Hong, TH; Yu, SL; Chen, JJW; Yang, PC	Opposite Effects of M1 and M2 Macrophage Subtypes on Lung Cancer Progression	Scientific Reports	213	2015	5		是	曾獲HiCi論文獎勵(生醫所陳健尉)
43	WOS:000424717500012	Chang, LC; Chiang, SK; Chen, SE; Yu, YL; Chou, RH; Chang, WC	Heme oxygenase-1 mediates BAY 11-7085 induced ferroptosis	Cancer Letters	212	2018	416		是	曾獲HiCi論文獎勵(動科系陳洵一)
44	WOS:000471735700001	Chang, SE; Chen, YC; Lu, MF	Supply chain re-engineering using blockchain technology: A case of smart contract based tracking process	Technological Forecasting And Social Change	209	2019	144		是	曾獲H-index論文獎勵(科管所張樹之)
45	WOS:000353927500019	Lin, KYA; Hsu, FK; Lee, WD	Magnetic cobalt-graphene nanocomposite derived from self-assembly of MOFs with graphene oxide as an activator for peroxymonosulfate	Journal Of Materials Chemistry A	209	2015	3	18		
46	WOS:000333249800014	Hsu, YC; Lin, JT; Ho, HJ; Kao, YH; Huang, YT; Hsiao, NW; Wu, MS; Liu, YY; Wu, CY	Antiviral Treatment for Hepatitis C Virus Infection Is Associated With Improved Renal and Cardiovascular Outcomes in Diabetic Patients	Hepatology	209	2014	59	4		

47	WOS:000347494200091	Jiang, YR; Lin, HP; Chung, WH; Dai, YM; Lin, WY; Chen, CC	Controlled hydrothermal synthesis of BiOxCly/BiOmIn, composites exhibiting visible-light photocatalytic degradation of crystal violet	Journal Of Hazardous Materials	207	2015	283			是	
48	WOS:000459747700039	Chiang, SK; Chen, SE; Chang, LC	A Dual Role of Heme Oxygenase-1 in Cancer Cells	International Journal Of Molecular Sciences	194	2019	20	1		是	
49	WOS:000435175400002	Cheng, JF; Chen, WH; Tao, F; Lin, CL	Industrial IoT in 5G environment towards smart manufacturing	Journal Of Industrial Information Integration	193	2018	10			是	
50	WOS:000370117600006	Saquing, JM; Yu, YH; Chiu, PC	Wood-Derived Black Carbon (Biochar) as a Microbial Electron Donor and Acceptor	Environmental Science & Technology Letters	193	2016	3	2			
51	WOS:000366783400009	Yu, SM; Lo, SF; Ho, THD	Source-Sink Communication: Regulated by Hormone, Nutrient, and Stress Cross-Signaling	Trends In Plant Science	190	2015	20	12		是	
52	WOS:000358824100006	Lin, KYA; Chang, HA	Zeolitic Imidazole Framework-67 (ZIF-67) as a heterogeneous catalyst to activate peroxymonosulfate for degradation of Rhodamine B in water	Journal Of The Taiwan Institute Of Chemical Engineers	190	2015	53				
53	WOS:000394723200134	Lin, KYA; Zhang, ZY	Degradation of Bisphenol A using peroxymonosulfate activated by one-step prepared sulfur-doped carbon nitride as a metal-free heterogeneous catalyst	Chemical Engineering Journal	189	2017	313			是	
54	WOS:000321168900010	Huang, CH; Lin, SK; Chang, CS; Chen, HJ	Mix proportions and mechanical properties of concrete containing very high-volume of Class F fly ash	Construction And Building Materials	189	2013	46				
55	WOS:000321276900002	Qin, C; Chang, CC; Huang, YH; Liao, LT	An Inpainting-Assisted Reversible Steganographic Scheme Using a Histogram Shifting Mechanism	Ieee Transactions On Circuits And Systems For Video Technology	186	2013	23	7		是	
56	WOS:000460374300004	Lai, YC; Hsiao, YC; Wu, HM; Wang, ZL	Waterproof Fabric-Based Multifunctional Triboelectric Nanogenerator for Universally Harvesting Energy from Raindrops, Wind, and Human Motions and as Self-Powered Sensors	Advanced Science	185	2019	6	5		是	

57	WOS:000318695600002	Huang, YB; Chi, H	Life tables of <i>Bactrocera cucurbitae</i> (Diptera: Tephritidae): with an invalidation of the jackknife technique	Journal Of Applied Entomology	185	2013	137	5	是	
58	WOS:000424097600007	Li, YR; Li, SM; Lin, CC	Effect of resveratrol and pterostilbene on aging and longevity	Biofactors	178	2018	44	1	是	
59	WOS:000355283600002	Akkopru, EP; Atlihan, R; Okut, H; Chi, H	Demographic Assessment of Plant Cultivar Resistance to Insect Pests: A Case Study of the Dusky-Veined Walnut Aphid (Hemiptera: Callaphididae) on Five Walnut Cultivars	Journal Of Economic Entomology	176	2015	108	2	是	
60	WOS:000330339700012	Tsai, MH	Physical Properties of High Entropy Alloys	Entropy	173	2013	15	12		曾獲H-index論文獎勵(材料系蔡銘洪)
61	WOS:000327723100032	Huang, TK; Han, CL; Lin, SI; Chen, YJ; Tsai, YC; Chen, YR; Chen, JW; Lin, WY; Chen, PM; Liu, TY; Chen, YS; Sun, CM; Chiou, TJ	Identification of Downstream Components of Ubiquitin-Conjugating Enzyme PHOSPHATE2 by Quantitative Membrane Proteomics in Arabidopsis Roots	Plant Cell	172	2013	25	10	是	
62	WOS:000373869200006	Huang, TC; Chen, CC; Chou, YW	Animating eco-education: To see, feel, and discover in an augmented reality-based experiential learning environment	Computers & Education	171	2016	96			曾獲H-index論文獎勵(資管系陳家榛)
63	WOS:000349376600018	Hsu, YC; Ho, HJ; Huang, YT; Wang, HH; Wu, MS; Lin, JT; Wu, CY	Association between antiviral treatment and extrahepatic outcomes in patients with hepatitis C virus infection	Gut	167	2015	64	3		
64	WOS:000321325700020	Rodriguez-Celma, J; Lin, WD; Fu, GM; Abadia, J; Lopez-Millan, AF; Schmidt, W	Mutually Exclusive Alterations in Secondary Metabolism Are Critical for the Uptake of Insoluble Iron Compounds by Arabidopsis and <i>Medicago truncatula</i>	Plant Physiology	165	2013	162	3		
65	WOS:000531551400001	Chi, H; You, MS; Atlihan, R; Smith, CL; Kavousi, A; Ozgokce, MS; Guncan, A; Tuan, SJ; Fu, JW; Xu, YY; Zheng, FQ; Ye, BH; Chu, D; Yu, Y; Gharekhani, G; Saska, P; Gotoh, T; Schneider, MI; Bussaman, P; Gokce, A; Liu, TX	Age-Stage, two-sex life table: an introduction to theory, data analysis, and application	Entomologia Generalis	162	2020	40	2	是	

66	WOS:000330202700002	Kao, TC; Wu, CH; Yen, GC	Bioactivity and Potential Health Benefits of Licorice	Journal Of Agricultural And Food Chemistry	161	2014	62	3		曾獲HiCi論文獎勵(食生系顏國欽)
67	WOS:000406370700049	Jiang, J; Bitla, Y; Huang, CW; Do, TH; Liu, HJ; Hsieh, YH; Ma, CH; Jang, CY; Lai, YH; Chiu, PW; Wu, WW; Chen, YC; Zhou, YC; Chu, YH	Flexible ferroelectric element based on van der Waals heteroepitaxy	Science Advances	160	2017	3	6		
68	WOS:000423887400025	Chen, CC; Lin, YC	What drives live-stream usage intention? The perspectives of flow, entertainment, social interaction, and endorsement	Telematics And Informatics	159	2018	35	1	是	曾獲HiCi論文獎勵(資管系陳家榛)
69	WOS:000407184300005	Su, HN; Moaniba, IM	Does innovation respond to climate change? Empirical evidence from patents and greenhouse gas emissions	Technological Forecasting And Social Change	154	2017	122		是	
70	WOS:000324605600001	Lin, NH; Tsay, SC; Maring, HB; Yen, MC; Sheu, GR; Wang, SH; Chi, KH; Chuang, MT; Ou-Yang, CF; Fu, JS; Reid, JS; Lee, CT; Wang, LC; Wang, JL; Hsu, CN; Sayer, AM; Holben, BN;..... 37people in total	An overview of regional experiments on biomass burning aerosols and related pollutants in Southeast Asia: From BASE-ASIA and the Dongsha Experiment to 7-SEAS	Atmospheric Environment	154	2013	78			
71	WOS:000314468200005	Chen, CW; Lin, J; Chu, YW	iStable: off-the-shelf predictor integration for predicting protein stability changes	Bmc Bioinformatics	154	2013	14			
72	WOS:000373290000001	Liu, TY; Huang, TK; Yang, SY; Hong, YT; Huang, SM; Wang, FN; Chiang, SF; Tsai, SY; Lu, WC; Chiou, TJ	Identification of plant vacuolar transporters mediating phosphate storage	Nature Communications	152	2016	7		是	
73	WOS:000366587800013	Chou, SH; Galperin, MY	Diversity of Cyclic Di-GMP-Binding Proteins and Mechanisms	Journal Of Bacteriology	152	2016	198	1		
74	WOS:000335762700049	Liu, CW; Sung, Y; Chen, BC; Lai, HY	Effects of Nitrogen Fertilizers on the Growth and Nitrate Content of Lettuce (Lactuca sativa L.)	International Journal Of Environmental Research And Public Health	152	2014	11	4		
75	WOS:000384391600011	Liu, Chunyu; Kraja, Aldi T.; Smith, Jennifer A.; Brody, Jennifer A.; Franceschini, Nora; Bis, Joshua C.; Rice, Kenneth; Morrison, Alanna C.; Lu, Yingchang; Weiss... 89 People In Total	Meta-analysis identifies common and rare variants influencing blood pressure and overlapping with metabolic trait loci	Nature Genetics	151	2016	48	10		

76	WOS:000368096400031	Chien, RC; Yen, MT; Mau, JL	Antimicrobial and antitumor activities of chitosan from shiitake stipes, compared to commercial chitosan from crab shells	Carbohydrate Polymers	150	2016	138				
77	WOS:000321803500062	Ku, CM; Lin, JY	Anti-inflammatory effects of 27 selected terpenoid compounds tested through modulating Th1/Th2 cytokine secretion profiles using murine primary splenocytes	Food Chemistry	150	2013	141	2			曾獲HIC論文獎勵 (食生系林金源)
78	WOS:000365052600109	Lin, KYA; Lee, WD	Self-assembled magnetic graphene supported ZIF-67 as a recoverable and efficient adsorbent for benzotriazole	Chemical Engineering Journal	145	2016	284			是	
79	WOS:000360626600002	Akca, I; Ayvaz, T; Yazici, E; Smith, CL; Chi, H	Demography and Population Projection of Aphis fabae (Hemiptera: Aphididae): with Additional Comments on Life Table Research Criteria	Journal Of Economic Entomology	143	2015	108	4		是	
80	WOS:000353922700032	Yu, FP; Ou, SL; Wu, DS	Pulsed laser deposition of gallium oxide films for high performance solar-blind photodetectors	Optical Materials Express	140	2015	5	5			
81	WOS:000383293800030	Chen, PY; Chen, ST; Hsu, CS; Chen, CC	Modeling the global relationships among economic growth, energy consumption and CO2 emissions	Renewable & Sustainable Energy Reviews	139	2016	65				
82	WOS:000361957200008	Ko, TM; Tsai, CY; Chen, SY; Chen, KS; Yu, KH; Chu, CS; Huang, CM.....46 people in total	Use of HLA-B*58:01 genotyping to prevent allopurinol induced severe cutaneous adverse reactions in Taiwan: national prospective cohort study	Bmj-British Medical Journal	139	2015	351				
83	WOS:000356210200022	Lin, KYA; Chen, SY; Jochems, AP	Zirconium-based metal organic frameworks: Highly selective adsorbents for removal of phosphate from water and urine	Materials Chemistry And Physics	137	2015	160				
84	WOS:000357084900001	Lan, YW; Choo, KB; Chen, CM; Hung, TH; Chen, YB; Hsieh, CH; Kuo, HP; Chong, KY	Hypoxia-preconditioned mesenchymal stem cells attenuate bleomycin-induced pulmonary fibrosis	Stem Cell Research & Therapy	137	2015	6				

85	WOS:000402860900009	Seo, JS; Sun, HX; Park, BS; Huang, CH; Yeh, SD; Jung, C; Chua, NH	ELF18-INDUCED LONG-NONCODING RNA Associates with Mediator to Enhance Expression of Innate Immune Response Genes in Arabidopsis	Plant Cell	136	2017	29	5	是	
86	WOS:000336891200042	Chen, YC; Shiu, CW; Horng, G	Encrypted signal-based reversible data hiding with public key cryptosystem	Journal Of Visual Communication And Image Representation	134	2014	25	5		
87	WOS:000338631000006	Chao, J; Huo, TI; Cheng, HY; Tsai, JC; Liao, JW; Lee, MS; Qin, XM; Hsieh, MT; Pao, LH; Peng, WH	Gallic Acid Ameliorated Impaired Glucose and Lipid Homeostasis in High Fat Diet-Induced NAFLD Mice	Plos One	134	2014	9	6		
88	WOS:000389917900088	Sun, NN; Wu, TY; Chau, CF	Natural Dietary and Herbal Products in Anti-Obesity Treatment	Molecules	133	2016	21	10		
89	WOS:000381462200001	Li, HH; Liu, YT; Chen, YH; Wang, SL; Wang, MK; Xie, TH; Wang, G	Biochar amendment immobilizes lead in rice paddy soils and reduces its phytoavailability	Scientific Reports	132	2016	6			
90	WOS:000347138000098	Li, SL; Komatsu, K; Nakaharai, S; Lin, YF; Yamamoto, M; Duan, XF; Tsukagoshi, K	Thickness Scaling Effect on Interfacial Barrier and Electrical Contact to Two-Dimensional MoS2 Layers	Acs Nano	132	2014	8	12		
91	WOS:000398089800001	Lee, MT; Lin, WC; Yu, B; Lee, TT	Antioxidant capacity of phytochemicals and their potential effects on oxidative status in animals - A review	Asian-Australasian Journal Of Animal Sciences	131	2017	30	3	是	
92	WOS:000314371900055	Lin, TP; Tsai, KT; Liao, CC; Huang, YC	Effects of thermal comfort and adaptation on park attendance regarding different shading levels and activity types	Building And Environment	131	2013	59			
93	WOS:000428005500074	Mathew, D; Hsu, WL	Antiviral potential of curcumin	Journal Of Functional Foods	128	2018	40		是	
94	WOS:000438480500032	Chen, CC; Chang, YC	What drives purchase intention on Airbnb? Perspectives of consumer reviews, information quality, and media richness	Telematics And Informatics	127	2018	35	5	是	曾獲HiCi論文獎勵(資管系陳家榛)
95	WOS:000353166300055	Lin, KYA; Chang, HA; Hsu, CJ	Iron-based metal organic framework, MIL-88A, as a heterogeneous persulfate catalyst for decolorization of Rhodamine B in water	Rsc Advances	126	2015	5	41		

96	WOS:000375553400003	Hsiao, KL; Chen, CC	What drives in-app purchase intention for mobile games? An examination of perceived values and loyalty	Electronic Commerce Research And Applications	125	2016	16			
97	WOS:000319737000022	Chen, HH; Huang, N; Chen, YM; Chen, TJ; Chou, P; Lee, YL; Chou, YJ; Lan, JL; Lai, KL; Lin, CH; Chen, DY	Association between a history of periodontitis and the risk of rheumatoid arthritis: a nationwide, population-based, case-control study	Annals Of The Rheumatic Diseases	124	2013	72	7		
98	WOS:000331069100003	Hsiao, L; Chen, YJ	Strategic Motive for Introducing Internet Channels in a Supply Chain	Production And Operations Management	123	2014	23	1		
99	WOS:000361059900028	Yang, CY; Chen, CH; Deng, ST; Huang, CS; Lin, YJ; Chen, YJ; Wu, CY; Hung, SI; Chung, WH	Allopurinol Use and Risk of Fatal Hypersensitivity Reactions A Nationwide Population-Based Study in Taiwan	Jama Internal Medicine	122	2015	175	9		
100	WOS:000331504300023	Thiyagarajan, N; Chang, JL; Senthikumar, K; Zen, JM	Disposable electrochemical sensors: A mini review	Electrochemistry Communications	122	2014	38			
101	WOS:000447004100102	Ma, WJ; Wang, N; Du, YC; Tong, TZ; Zhang, LJ; Lin, KYA; Han, XJ	One-step synthesis of novel Fe ₃ C@nitrogen-doped carbon nanotubes/graphene nanosheets for catalytic degradation of Bisphenol A in the presence of peroxymonosulfate	Chemical Engineering Journal	121	2019	356		是	
102	WOS:000340688100054	Wang, CW; Liang, CJ	Oxidative degradation of TMAH solution with UV persulfate activation	Chemical Engineering Journal	121	2014	254			
103	WOS:000321022200008	Chang, CL; McAleer, M; Tansuchat, R	Conditional correlations and volatility spillovers between crude oil and stock index returns	North American Journal Of Economics And Finance	121	2013	25			
104	WOS:000313155800033	Hsu, CY; Chen, CW; Yu, HP; Lin, YF; Lai, PS	Bioluminescence resonance energy transfer using luciferase-immobilized quantum dots for self-illuminated photodynamic therapy	Biomaterials	121	2013	34	4		
105	WOS:000404550600002	Zhang, SL; Lai, YC; He, X; Liu, RY; Zi, YL; Wang, ZL	Auxetic Foam-Based Contact-Mode Triboelectric Nanogenerator with Highly Sensitive Self-Powered Strain Sensing Capabilities to Monitor Human Body Movement	Advanced Functional Materials	120	2017	27	25		

106	WOS:000376242100001	Liang, YC; Lee, CC; Yao, YL; Lai, CC; Schmitz, ML; Yang, WM	SUMO5, a Novel Poly-SUMO Isoform, Regulates PML Nuclear Bodies	Scientific Reports	120	2016	6			
107	WOS:000356991600026	Lin, KYA; Hsieh, YT	Copper-based metal organic framework (MOF), HKUST-1, as an efficient adsorbent to remove p-nitrophenol from water	Journal Of The Taiwan Institute Of Chemical Engineers	120	2015	50			
108	WOS:000411182500027	Tingare, YS; Vinh, NS; Chou, HH; Liu, YC; Long, YS; Wu, TC; Wei, TC; Yeh, CY	New Acetylene-Bridged 9,10-Conjugated Anthracene Sensitizers: Application in Outdoor and Indoor Dye-Sensitized Solar Cells	Advanced Energy Materials	119	2017	7	18		
109	WOS:000329874400058	Wu, CC; Li, YC; Wang, YR; Li, TK; Chan, NL	On the structural basis and design guidelines for type II topoisomerase-targeting anticancer drugs	Nucleic Acids Research	119	2013	41	22		
110	WOS:000457122700009	Antoniadis, V; Golia, EE; Liu, YT; Wang, SL; Shaheen, SM; Rinklebe, J	Soil and maize contamination by trace elements and associated health risk assessment in the industrial area of Volos, Greece	Environment International	118	2019	124			
111	WOS:000452178600002	Chesson, P	Updates on mechanisms o maintenance of species diversity	Journal Of Ecology	118	2018	106	5		
112	WOS:000440727000037	Maes, P; Alkhovsky, SV; Bao, YM; Beer, M; Birkhead, M; Briese, T; Buchmeier, MJ; Calisher, CH; Charrel, RN; Choi, IR; Clegg, CS; de la Torre, JC; Delwart, E; DeRisi, JL; Di Bello, PL; Di Serio, F; Digiaro, M; Dolja, VV; Drosten, C; 99 people in total	Taxonomy of the family Arenaviridae and the order Bunyavirales: update 2018	Archives Of Virology	118	2018	163	8		
113	WOS:000334932700009	Wang, JP; Naik, PP; Chen, HC; Shi, R; Lin, CY; Liu, J; Shuford, CM; Li, QZ; Sun, YH; Tunlaya-Anukit, S; Williams, CM; Muddiman, DC; Ducoste, JJ; Sederoff, RR; Chiang, VL	Complete Proteomic-Based Enzyme Reaction and Inhibition Kinetics Reveal How Monolignol Biosynthetic Enzyme Families Affect Metabolic Flux and Lignin in Populus trichocarpa	Plant Cell	118	2014	26	3		
114	WOS:000431896200002	Ren, XB; Yu, CM; Yu, WR; Yang, SS; Yang, XY; McCann, JA; Yu, PS	LoPub: High-Dimensional Crowdsourced Data Publication With Local Differential Privacy	Ieee Transactions On Information Forensics And Security	116	2018	13	9		

115	WOS:000424515900019	Tsai, YC; Vijayaraghavan, P; Chiang, WH; Chen, HH; Liu, TI; Shen, MY; Omoto, A; Kamimura, M; Soga, K; Chiu, HC	Targeted Delivery of Functionalized Upconversion Nanoparticles for Externally Triggered Photothermal/Photodynamic Therapies of Brain Glioblastoma	Theranostics	115	2018	8	5		
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