

國立中興大學2024年H-index論文名單 附件9

- 說明: 1.表列論文若同時為本校HiCi論文者，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：2014-2023年  
 5.本校H-index值為120，共計120篇  
 6.檢索日期：113.4.24

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; Adler, SG; Agam, G; Agarwal, R; Aghi, MK; Agnello, M; Agostinis, P; Aguilar, PV; Aguirre-Ghiso, J; Airolidi, EM; Ait-Si-Ali	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition)	Autophagy	3677	2016	12	1	Y	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	2040	2014	2	3	Y	曾獲H-index論文獎勵 (材料系蔡銘洪)
3	WOS:000636121800001	Klionsky, DJ; Abdel-Aziz, AK; Abdelfatah, S; Abdellatif, M; Abdoli, A; Abel, S; Abeliovich, H; Abildgaard, MH; Abudu, YP; Acevedo-Arozena, A; Adamopoulos, IE; Adeli, K; Adolph, TE; Adornetto, A; Aflaki, E; Agam, G; Agarwal, A; Aggarwal, BB; Agnello, M;	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition)	Autophagy	875	2021	17	1	Y	
4	WOS:000371261700032	Chou, CH; Chang, NW; Shrestha, S; Hsu, SD; Lin, YL; Lee, WH; Yang, CD; Hong, HC; Wei, TY; Tu, SJ; Tsai, TR; Ho, SY; Jian, TY; Wu, HY; Chen, PR; Lin, NC; Huang, HT; Yang, TL; Pai, CY; Tai, CS; Chen, WL; Huang, CY; Liu, CC; Weng, SL; Liao, KW; Hsu, WL; Huang, HD	miRTarBase 2016: updates to the experimentally validated miRNA-target interactions database	Nucleic Acids Research	817	2016	44	D1	Y	
5	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	738	2015	4		Y	
6	WOS:000351171900039	Brienen, RJW; Phillips, OL; Feldpausch, TR; Gloor, E; Baker, TR; Lloyd, J; Lopez-Gonzalez, G; Monteagudo-Mendoza, A; Malhi, Y; Lewis, SL; Martinez, RV; Alexiades, M; Dávila, EA; Alvarez-	Long-term decline of the Amazon carbon sink	Nature	731	2015	519	7543	Y	

7	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	700	2021	406		Y	
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	571	2014	42	D1	Y	
9	WOS:000405777600005	Dewey, FE; Gusarova, V; Dunbar, RL; O'Dushlaine, C; Schurmann, C; Gottesman, O; McCarthy, S; Van Hout, CV; Bruse, S; Dansky, HM; Leader, JB; Murray, MF; Ritchie, MD; Kirchner, HL;	Genetic and Pharmacologic Inactivation of ANGPTL3 and Cardiovascular Disease	New England Journal Of Medicine	537	2017	377	3	Y	
10	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 <sub>2</sub> SnI <sub>6</sub> as a Hole Conductor	Journal Of The American Chemical Society	512	2014	136	43	Y	曾獲H-index論文獎勵(化學系葉鎮宇)
11	WOS:000451242900001	Aubert, S; Barnes, JD; Abdeta, C; Nader, PA; Adeniyi, AF; Aguilar-Farias, N; Tenesaca, DSA; Bhawra, J; Brazo-Sayavera, J; Cardon, G; Chang, CK; Nyström, CD; Demetriou, Y; Draper, CE; Edwards, L; Emelianovas, A; Gábor, A;	Global Matrix 3.0 Physical Activity Report Card Grades for Children and Youth: Results and Analysis From 49 Countries	Journal Of Physical Activity & Health	474	2018	15		Y	
12	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	425	2014	86	14	Y	
13	WOS:000336846300017	Yella, A; Mai, CL; Zakeeruddin, SM; Chang, SN; Hsieh, CH; Yeh, CY; Grätzel, M	Molecular Engineering of Push-Pull Porphyrin Dyes for Highly Efficient Dye-Sensitized Solar Cells: The Role of Benzene Spacers	Angewandte Chemie-International Edition	412	2014	53	11	Y	曾獲H-index論文獎勵(化學系葉鎮宇)
14	WOS:000331611900003	Lee, CF; Liu, YC; Badsara, SS	Transition-Metal-Catalyzed C-S Bond Coupling Reaction	Chemistry-An Asian Journal	400	2014	9	3	Y	曾獲HiCi論文獎勵(化學系李進發)
15	WOS:000439785700008	Lutz, JA; Furniss, TJ; Johnson, DJ; Davies, SJ; Allen, D; Alonso, A; Anderson-Teixeira, KJ; Andrade, A; Baltzer, J; Becker, KML; Blomdahl, EM;	Global importance of large-diameter trees	Global Ecology And Biogeography	383	2018	27	7	Y	

16	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	378	2015	62		Y	曾獲H-index論文獎勵(材料系蔡銘洪)
17	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	374	2014	26	20	Y	
18	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	338	2015	139		Y	
19	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	312	2018	416		Y	曾獲HiCi論文獎勵(動科系陳洵一)
20	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	309	2017	117	13	Y	
21	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	304	2016	27	1	Y	
22	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	303	2017	27	1	Y	曾獲HiCi論文獎勵(材料系賴盈至)
23	WOS:000332821000006	Chang, CK; Hou, MH; Chang, CF; Hsiao, CD; Huang, TH	The SARS coronavirus nucleocapsid protein - Forms and functions	Antiviral Research	301	2014	103		Y	
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	290	2014	147	1	Y	

25	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	278	2015	348	6235	Y	曾獲H-index論文獎勵(化工系鄭紀民)
26	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	277	2019	144		Y	曾獲H-index論文獎勵(科管所張樹之)
27	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	276	2014	70	5	Y	
28	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	274	2018	30	28	Y	曾獲H-index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	274	2016	44	D1	Y	
30	WOS:000423887400025	Chen, CC; Lin, YC	What drives live-stream usage intention? The perspectives of flow, entertainment, social interaction, and endorsement	Telematics And Informatics	272	2018	35	1	Y	曾獲HiCi論文獎勵(資管系陳家榛)
31	WOS:000459747700039	Chiang, SK; Chen, SE; Chang, LC	A Dual Role of Heme Oxygenase-1 in Cancer Cells	International Journal Of Molecular Sciences	271	2019	20	1	Y	
32	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	266	2014	7	1		
33	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	264	2017	17			曾獲HiCi論文獎勵(生醫所林季千)
34	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	262	2014	8	4		

35	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	257	2016	28	45		曾獲H-index論文獎勵 (材料系賴盈至)
36	WOS:000363437400013	Lin, KYA; Liu, YT; Chen, SY	Adsorption of fluoride to UiO-66-NH <sub>2</sub> in water: Stability, kinetic, isotherm and thermodynamic studies	Journal Of Colloid And Interface Science	257	2016	461		Y	
37	WOS:000531551400001	Chi, H; You, MS; Atlihan, R; Smith, CL; Kavousi, A; Özgökçe, MS; Günçan, 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; Gökçe, A; Liu, TX	Age-Stage, two-sex life table: an introduction to theory, data analysis, and application	Entomologia Generalis	255	2020	40	2	Y	
38	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	255	2016	42	2	Y	曾獲HiCi論文獎勵 (企管系莊智薰)
39	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	247	2015	5		Y	曾獲HiCi論文獎勵(生醫 所陳健尉)
40	WOS:000435175400002	Cheng, JF; Chen, WH; Tao, F; Lin, CL	Industrial IoT in 5G environment towards smart manufacturing	Journal Of Industrial Information Integration	241	2018	10		Y	
41	WOS:000370117600006	Saquin, JM; Yu, YH; Chiu, PC	Wood-Derived Black Carbon (Biochar) as a Microbial Electron Donor and Acceptor	Environmental Science & Technology Letters	236	2016	3	2		
42	WOS:000366783400009	Yu, SM; Lo, SF; Ho, THD	Source-Sink Communication: Regulated by Hormone, Nutrient, and Stress Cross-Signaling	Trends In Plant Science	234	2015	20	12	Y	

43	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	233	2015	3	18		
44	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	231	2017	313		Y	
45	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	231	2015	53			
46	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	229	2015	283		Y	
47	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	226	2019	6	5	Y	
48	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	220	2014	59	4		
49	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	219	2017	122		Y	
50	WOS:000424097600007	Li, YR; Li, SM; Lin, CC	Effect of resveratrol and pterostilbene on aging and longevity	Biofactors	213	2018	44	1	Y	曾獲HiCi論文獎勵(生醫所林季千)
51	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	209	2016	96			曾獲H-index論文獎勵(資管系陳家榛)

52	WOS:000355283600002	Akköprü, 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	199	2015	108	2	Y	
53	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	180	2017	3	6		
54	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	180	2014	11	4		
55	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	179	2016	7		Y	
56	WOS:000330202700002	Kao, TC; Wu, CH; Yen, GC	Bioactivity and Potential Health Benefits of Licorice	Journal Of Agricultural And Food Chemistry	179	2014	62	3		曾獲HiCi論文獎勵(食生系顏國欽)
57	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	175	2016	138			
58	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	175	2015	64	3		
59	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	168	2017	29	5	Y	
60	WOS:000366587800013	Chou, SH; Galperin, MY	Diversity of Cyclic Di-GMP-Binding Proteins and Mechanisms	Journal Of Bacteriology	168	2016	198	1		

61	WOS:000360626600002	Akca, I; Ayvaz, T; Yazici, E; Smith, CL; Chi, H	Demography and Population Projection of <i>Aphis fabae</i> (Hemiptera: Aphididae): with Additional Comments on Life Table Research Criteria	Journal Of Economic Entomology	167	2015	108	4	Y	
62	WOS:000365052600109	Lin, KYA; Lee, WD	Self-assembled magnetic graphene supported ZIF-67 as a recoverable and efficient adsorbent for benzotriazole	Chemical Engineering Journal	166	2016	284		Y	
63	WOS:000384391600011	Liu, CY; Kraja, AT; Smith, JA; Brody, JA; Franceschini, N; Bis, JC; Rice, K; Morrison, AC; Lu, YC; Weiss, S; Guo, XQ; Palmas, W; Martin, LW; Chen, YDI; Surendran, P; Drenos, F; Cook, JP; Auer,	Meta-analysis identifies common and rare variants influencing blood pressure and overlapping with metabolic trait loci	Nature Genetics	165	2016	48	10		
64	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	162	2015	5	41		
65	WOS:000452178600002	Chesson, P	Updates on mechanisms o maintenance of species diversity	Journal Of Ecology	159	2018	106	5		
66	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	159	2016	65			
67	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	159	2015	160			
68	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	159	2015	6			
69	WOS:000447004100102	Ma, WJ; Wang, N; Du, YC; Tong, TZ; Zhang, LJ; Lin, KYA; Han, XJ	One-step synthesis of novel Fe <sub>3</sub> C@nitrogen-doped carbon nanotubes/graphene nanosheets for catalytic degradation of Bisphenol A in	Chemical Engineering Journal	157	2019	356		Y	



70	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	157	2017	27	25		
71	WOS:000389917900088	Sun, NN; Wu, TY; Chau, CF	Natural Dietary and Herbal Products in Anti-Obesity Treatment	Molecules	157	2016	21	10		
72	WOS:000438480500032	Chen, CC; Chang, YC	What drives purchase intention on Airbnb? Perspectives of consumer reviews, information quality, and media richness	Telematics And Informatics	156	2018	35	5	Y	曾獲HiCi論文獎勵(資管系陳家榛)
73	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	155	2018	13	9		
74	WOS:000353922700032	Yu, FP; Ou, SL; Wu, DS	Pulsed laser deposition of gallium oxide films for high performance solar-blind photodetectors	Optical Materials Express	153	2015	5	5		
75	WOS:000438480500013	Chen, CC; Yao, JY	What drives impulse buying behaviors in a mobile auction? The perspective of the Stimulus-Organism-Response model	Telematics And Informatics	152	2018	35	5	Y	曾獲HiCi論文獎勵(資管系陳家榛)
76	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	152	2016	16			曾獲HiCi論文獎勵(資管系陳家榛)
77	WOS:000428005500074	Mathew, D; Hsu, WL	Antiviral potential of curcumin	Journal Of Functional Foods	150	2018	40		Y	
78	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	150	2017	30	3	Y	

79	WOS:000386316900048	Juan, CC; Tsai, MH; Tsai, CW; Hsu, WL; Lin, CM; Chen, SK; Lin, SJ; Yeh, JW	Simultaneously increasing the strength and ductility of a refractory high-entropy alloy via grain refining	Materials Letters	150	2016	184			
80	WOS:000549184500019	Chen, YJ; Roumeliotis, T; Chang, YH; Chen, CT; Han, CL; Lin, MH; Chen, HW; Chang, GC; Chang, YL; Wu, CT; Lin, MW; Hsieh, MS; Wang, YT; Chen, YR; Jonassen, I; Ghavidel, FZ; Lin, ZS; Lin, KT; Chen, CW; Sheu, PY; Hung, CT; Ko, TM; Tsai, CY; Chen, SY; Chen, KS;	Proteogenomics of Non-smoking Lung Cancer in East Asia Delineates Molecular Signatures of Pathogenesis and Progression	Cell	149	2020	182	1		
81	WOS:000361957200008	Yu, KH; Chu, CS; Huang, CM; Wang, CR; Weng, CT; Yu, CL; Hsieh, SC; Tsai, JC; Lai, WT; Tsai, WC; Yin, GD; Ou, TT; Cheng, KH; Yen, JH; Liou, TL; Lin, TH; Chen, DY; Hsiao, PJ; Weng, MY; Chen, YM; Chen, CH; Liu, ME; Yen, HW; Lee	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	149	2015	351			
82	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	148	2019	124			
83	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	148	2016	6			
84	WOS:000486394600012	Chen, WH; Dou, CM; Li, KX; Lin, WY; Li, PY; Huang, JH; Wang, JH; Wei, WC; Xue, CX; Chiu, YC; King, YC; Lin, CJ; Liu, RS; Hsieh, CC; Tang, KT; Yang, JJ; Ho, MS; Chang, MF	CMOS-integrated memristive non-volatile computing-in-memory for AI edge processors	Nature Electronics	147	2019	2	9		
85	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	147	2014	8	12		
86	WOS:000528695000016	Chang, SCE; Chen, YC	when Blockchain Meets Supply Chain: A Systematic Literature Review on Current Development and Potential Applications	Ieee Access	146	2020	8			
87	WOS:000444000000006	Tuan, DD; Lin, KYA	Ruthenium supported on ZIF-67 as an enhanced catalyst for hydrogen generation from hydrolysis of sodium borohydride	Chemical Engineering Journal	146	2018	351			

88	WOS:000331069100003	Hsiao, L; Chen, YJ	Strategic Motive for Introducing Internet Channels in a Supply Chain	Production And Operations Management	146	2014	23	1		
89	WOS:000478971500001	Lai, YC; Wu, HM; Lin, HC; Chang, CL; Chou, HH; Hsiao, YC; Wu, YC	Entirely, Intrinsically, and Autonomously Self-Healable, Highly Transparent, and Superstretchable Triboelectric Nanogenerator for Personal Power Sources and Self-Powered Electronic Skins	Advanced Functional Materials	145	2019	29	40		
90	WOS:000545403000001	Yang, JY; Tang, D; Ao, JP; Ghosh, T; Neumann, TV; Zhang, DG; Piskarev, Y; Yu, TT; Truong, VK; Xie, K; Lai, YC; Li, Y; Dickey, MD	Ultrasoft Liquid Metal Elastomer Foams with Positive and Negative Piezopermittivity for Tactile Sensing	Advanced Functional Materials	144	2020	30	36		
91	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	144	2014	25	5		
92	WOS:000453488600007	Yang, GL; Chang, CC; Yang, YW; Yuan, L; Xu, LSY; Ho, CT; Li, SM	Resveratrol Alleviates Rheumatoid Arthritis via Reducing ROS and Inflammation, Inhibiting MAPK Signaling Pathways, and Suppressing Angiogenesis	Journal Of Agricultural And Food Chemistry	143	2018	66	49	Y	
93	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	143	2015	50			
94	WOS:000452308700022	Grillet, L; Lan, P; Li, WF; Mokkalpati, G; Schmidt, W	IRON MAN is a ubiquitous family of peptides that control iron transport in plants	Nature Plants	142	2018	4	11	Y	
95	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	141	2014	9	6		
96	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	137	2016	6			

97	WOS:000375851200071	Juan, CC; Tseng, KK; Hsu, WL; Tsai, MH; Tsai, CW; Lin, CM; Chen, SK; Lin, SJ; Yeh, JW	Solution strengthening of ductile refractory HfMoxNbTaTiZr high-entropy alloys	Materials Letters	137	2016	175			
98	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	136	2015	175	9		
99	WOS:000337332600008	Cohen, N; Cohen, J; Asatiani, MD; Varshney, VK; Yu, HT; Yang, YC; Li, YH; Mau, JL; Wasser, SP	Chemical Composition and Nutritional and Medicinal Value of Fruit Bodies and Submerged Cultured Mycelia of Culinary-Medicinal Higher Basidiomycetes Mushrooms	International Journal Of Medicinal Mushrooms	136	2014	16	3		
100	WOS:000453355300004	Xu, Y; Sun, HB; Liu, A; Zhu, HH; Li, WW; Lin, YF; Noh, YY	Doping: A Key Enabler for Organic Transistors	Advanced Materials	134	2018	30	46		
101	WOS:000440727000037	Maes, P; Aiknovsky, SV; Bao, FM; 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; Digiario, M; Dolja, VV; Drosten, C; Druciarek, TZ; Du, J; Ebihara, H; Elbeaino, T; Gergerich, RC; Gillis, AN; Gonzalez, JBL; Heppner, AL; Henselki, J	Taxonomy of the family Arenaviridae and the order Bunyavirales: update 2018	Archives Of Virology	134	2018	163	8		
102	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	133	2018	8	5		
103	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	133	2017	7	18		
104	WOS:000340688100054	Wang, CW; Liang, CJ	Oxidative degradation of TMAH solution with UV persulfate activation	Chemical Engineering Journal	133	2014	254			曾獲H-index論文獎勵(環工系梁振儒)

105	WOS:000331504300023	Thiyagarajan, N; Chang, JL; Senthilkumar, K; Zen, JM	Disposable electrochemical sensors: A mini review	Electrochemistry Communications	132	2014	38			
106	WOS:000499062600014	Teh, J; Lai, CM	Reliability impacts of the dynamic thermal rating and battery energy storage systems on wind-integrated power networks	Sustainable Energy Grids & Networks	131	2019	20			
107	WOS:000464659200043	Li, H; Li, CW; Li, XQ; Din, QQ; Guo, L; Liu, S; Liu, CX; Lai, CC; Hsu, JM; Dong, QZ; Xia, WY; Hsu, JL; Yamaguchi, H; Du, Y; Lai, YJ; Sun, X; Koller, PB; Ye, QH; Hung, MECE	MET Inhibitors Promote Liver Tumor Evasion of the Immune Response by Stabilizing PDL1	Gastroenterology	129	2019	156	6		
108	WOS:000374075000013	Wang, FH; Chang, CL	Effect of substrate temperature on transparent conducting Al and F co- doped ZnO thin films prepared by rf magnetron sputtering	Applied Surface Science	129	2016	370			
109	WOS:000876980700005	Hassani, A; Eghbali, P; Mahdipour, F; Waclawek, S; Lin, KYA; Ghanbari, F	Insights into the synergistic role of photocatalytic activation of peroxymonosulfate by UVA-LED irradiation over CoFe <sub>2</sub> O <sub>4</sub> -rGO nanocomposite towards effective Bisphenol A degradation: Performance, mineralization, and activation mechanism	Chemical Engineering Journal	126	2023	453		Y	
110	WOS:000401895700011	Tsai, HH; Schmidt, W	Mobilization of Iron by Plant-Borne Coumarins	Trends In Plant Science	126	2017	22	6		
111	WOS:000372476100005	Chang, JC; Wu, SL; Liu, KH; Chen, YH; Chuang, CS; Cheng, FC; Su, HL; Wei, YH; Kuo, SJ; Liu, CS	Allogeneic/xenogeneic transplantation of peptide-labeled mitochondria in Parkinson's disease: restoration of mitochondria functions and attenuation of 6-hydroxydopamine-induced neurotoxicity	Translational Research	126	2016	170			

112	WOS:000393534800008	Lin, KYA; Chen, YC; Lin, YF	LaMO3 perovskites (M=Co, Cu, Fe and Ni) as heterogeneous catalysts for activating peroxymonosulfate in water	Chemical Engineering Science	125	2017	160				
113	WOS:000351144900017	Lin, CS; Chen, JJW; Huang, YT; Chan, MT; Daniell, H; Chang, WJ; Hsu, CT; Liao, DC; Wu, FH; Lin, SY; Liao, CF; Deyholos, MK; Wong, GKS; Albert, VA; Chou, ML; Chen, CY; Shih, MC	The location and translocation of ndh genes of chloroplast origin in the Orchidaceae family	Scientific Reports	125	2015	5				
114	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	125	2014	26	3			
115	WOS:000357814500007	Jiang, KF; Chuang, CH; Chiao, YC	Developing Collective Customer Knowledge and Service Climate: The Interaction Between Service-Oriented High-Performance Work Systems and Service Leadership	Journal Of Applied Psychology	123	2015	100	4			
116	WOS:000358188300027	Zhang, C; Park, SH; Chen, DT; Lin, DW; Xiong, W; Kuo, HC; Lin, CF; Cao, H; Han, J	Mesoporous GaN for Photonic Engineering-Highly Reflective GaN Mirrors as an Example	Acs Photonics	122	2015	2	7			
117	WOS:000440661700030	Ma, WJ; Wang, N; Tong, TZ; Zhang, LJ; Lin, KYA; Han, XJ; Du, YC	Nitrogen, phosphorus, and sulfur tri-doped hollow carbon shells derived from ZIF-67@poly (cyclotriphosphazene-co-4,4'-sulfonyldiphenol) as a robust catalyst of peroxymonosulfate activation for degradation of bisphenol A	Carbon	121	2018	137				
118	WOS:000423887400009	Hsiao, KL; Chen, CC	What drives smartwatch purchase intention? Perspectives from hardware, software, design, and value	Telematics And Informatics	121	2018	35	1	Y		曾獲HiCi論文獎勵(資管系陳家榛)

119	WOS:000387989300008	Park, SH; Hsieh, CM; Lee, CK	EXAMINING CHINESE COLLEGE STUDENTS' INTENTION TO TRAVEL TO JAPAN USING THE EXTENDED THEORY OF PLANNED BEHAVIOR: TESTING DESTINATION IMAGE AND THE MEDIATING ROLE OF TRAVEL CONSTRAINTS	Journal Of Travel & Tourism Marketing	121	2017	34	1		
120	WOS:000384775200037	Wu, LH; Wu, LC; Chang, SC	Exploring consumers' intention to accept smartwatch	Computers In Human Behavior	121	2016	64			