

國立中興大學2025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
3.資料來源:Web of Science(WOS)
4.時間區間：2015-2024年
5.本校H-index值為129，共計129篇
6.檢索日期：114.4.11

編號	WOS登錄號	作者	篇名	刊名	出版社	被引用次數	出版年份	卷	期	頁數開始	頁數結束	同時為HiCi論文	備註
1	WOS:000373595400001	Klionsky, DJ; Abdelmohsen, K; Abe, A; Abedin, MJ; Abeliovich, H; Arozena, AA; Adachi,	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition)	Autophagy	Taylor & Francis Inc	6572	2016	12	1	1	222	Y	曾獲H-index論文獎勵 (生醫所謝政哲)
2	WOS:000636121800001	Klionsky, DJ; Abdel-Aziz, AK; Abdelfatah, S; Abdellatif, M; Abdoli,	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition)	Autophagy	Taylor & Francis Inc	2663	2021	17	1	1	382	Y	
3	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	Elsevier Science Sa	945	2021	406				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,	miRTarBase 2016: updates to the experimentally validated miRNA-target interactions database	Nucleic Acids Research	Oxford Univ Press	842	2016	44	D1	D239	D247	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	Elife Sciences Publ Ltd	813	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;	Long-term decline of the Amazon carbon sink	Nature	Nature Portfolio	811	2015	519	7543	344	+	Y	

7	WOS:000405777600005	Dewey, FE; Gusarova, V; Dunbar, RL; O'Dushlaine, C; Schurmann, C; Gottesman, O; McCarthy, S; Van Hout, CV; Bruse, S;	Genetic and Pharmacologic Inactivation of ANGPTL3 and Cardiovascular Disease	New England Journal Of Medicine	Massachusetts Medical Soc	612	2017	377	3	211	221	Y	
8	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;	Global Matrix 3.0 Physical Activity Report Card Grades for Children and Youth: Results and Analysis From 49 Countries	Journal Of Physical Activity & Health	Human Kinetics Publ Inc	543	2018	15		S251	S273	Y	
9	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	Elsevier Sci Ltd	456	2015	62		76	83	Y	曾獲H-index論文獎勵(材料系蔡銘洪)
10	WOS:000439785700008	Lutz, JA; Furniss, TJ; Johnson, DJ; Davies, SJ; Allen, D; Alonso, A; Anderson-Teixeira, KJ; Andrade, A; Baltzer, J; Becker, KML;	Global importance of large-diameter trees	Global Ecology And Biogeography	Wiley	419	2018	27	7	849	864	Y	
11	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	Elsevier Ireland Ltd	403	2018	416		124	137	Y	曾獲HiCi論文獎勵(動科系陳洵一)
12	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	Pergamon-Elsevier Science Ltd	388	2015	139		624	631	Y	
13	WOS:000423887400025	Chen, CC; Lin, YC	What drives live-stream usage intention? The perspectives of flow, entertainment, social interaction, and endorsement	Telematics And Informatics	Elsevier	387	2018	35	1	293	303	Y	曾獲HiCi論文獎勵(資管系陳家榛)
14	WOS:000531551400001	Chi, H; You, MS; Atlihan, R; Smith, CL; Kavousi, A; Özgökçe, MS; Güncan, A; Tuan, SJ; Fu, JW; Xu, YY; Zheng, FQ; Ye, BH; Chu, D; Yu, Y; Gharekhani,	Age-Stage, two-sex life table: an introduction to theory, data analysis, and application	Entomologia Generalis	E Schweizerbart sche Verlagsbuchh andlung	361	2020	40	2	103	124	Y	

15	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	Amer Chemical Soc	347	2017	117	13	8574	8621	Y	
16	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	Wiley-V C H Verlag Gmbh	340	2017	27	1				曾獲HiCi論文獎勵(材料系賴盈至)
17	WOS:000459747700039	Chiang, SK; Chen, SE; Chang, LC	A Dual Role of Heme Oxygenase-1 in Cancer Cells	International Journal Of Molecular Sciences	Mdpi	339	2019	20	1			Y	曾獲HiCi論文獎勵(動科系陳洵一)
18	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	Elsevier Science Inc	339	2016	27	1	1	13	Y	
19	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	Elsevier Science Inc	333	2019	144		1	11	Y	曾獲H-index論文獎勵(科管所張樹之)
20	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	Amer Assoc Advancement Science	316	2015	348	6235	686	690	Y	曾獲H-index論文獎勵(化工系鄭紀民)
21	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	Wiley-V C H Verlag Gmbh	313	2018	30	28			Y	曾獲H-index論文獎勵(材料系賴盈至)
22	WOS:000435175400002	Cheng, JF; Chen, WH; Tao, F; Lin, CL	Industrial IoT in 5G environment towards smart manufacturing	Journal Of Industrial Information Integration	Elsevier	285	2018	10		10	19	Y	
23	WOS:000363437400013	Lin, KYA; Liu, YT; Chen, SY	Adsorption of fluoride to UiO-66-NH2 in water: Stability, kinetic, isotherm and thermodynamic studies	Journal Of Colloid And Interface Science	Academic Press Inc Elsevier Science	285	2016	461		79	87	Y	

24	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	Oxford Univ Press	281	2016	44	D1	D209	D215	Y	
25	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	Bmc	278	2017	17					曾獲HiCi論文獎勵(生醫所林季千)
26	WOS:000366783400009	Yu, SM; Lo, SF; Ho, THD	Source-Sink Communication: Regulated by Hormone, Nutrient, and Stress Cross-Signaling	Trends In Plant Science	Elsevier Science London	276	2015	20	12	844	857	Y	
27	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	Sage Publications Inc	273	2016	42	2	524	554		曾獲HiCi論文獎勵(企管系莊智薰)
28	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	Nature Portfolio	272	2015	5				Y	曾獲HiCi論文獎勵(生醫所陳健尉)
29	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	Wiley-V C H Verlag Gmbh	271	2016	28	45	10024	10032		曾獲H-index論文獎勵(材料系賴盈至)
30	WOS:000370117600006	Saquin, JM; Yu, YH; Chiu, PC	Wood-Derived Black Carbon (Biochar) as a Microbial Electron Donor and Acceptor	Environmental Science & Technology Letters	Amer Chemical Soc	268	2016	3	2	62	66		
31	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	Elsevier Science Bv	266	2015	53		40	45		
32	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	Elsevier Science Inc	265	2017	122		49	62	Y	

33	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	Wiley	264	2019	6	5			Y	
34	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	Royal Soc Chemistry	255	2015	3	18	9480	9490		
35	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	Elsevier Science Sa	249	2017	313		1320	1327	Y	
36	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	Pergamon-Elsevier Science Ltd	245	2016	96		72	82		曾獲H-index論文獎勵(資管系陳家榛)
37	WOS:001012047100001	Choi, D; Lee, Y; Lin, ZH; Cho, SM; Kim, M; Ao, CK; Soh, S; Sohn, C; Jeong, CK; Lee, JW; Lee, MB; Lee, SA; Ryu, J; Parashar, P;	Recent Advances in Triboelectric Nanogenerators: From Technological Progress to Commercial Applications	Acs Nano	Amer Chemical Soc	243	2023	17	12	11087	11219	Y	
38	WOS:000424097600007	Li, YR; Li, SM; Lin, CC	Effect of resveratrol and pterostilbene on aging and longevity	Biofactors	Wiley	243	2018	44	1	69	82	Y	曾獲HiCi論文獎勵(生醫所林季千)
39	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	Elsevier Science Bv	240	2015	283		787	805	Y	
40	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	Oxford Univ Press Inc	225	2015	108	2	378	387	Y	

41	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	Nature Publishing Group	215	2016	7				Y	
42	WOS:000549184500019	Chen, YJ; Roumeliotis, T; Chang, YH; Chen, CT; Han, CL; Lin, MH; Chen, HW; Chang, GC; Chang, YL; Wu, CT; Lin, MW;	Proteogenomics of Non-smoking Lung Cancer in East Asia Delineates Molecular Signatures of Pathogenesis and Progression	Cell	Cell Press	213	2020	182	1	226 +			
43	WOS:000528695000016	Chang, SCE; Chen, YC	When Blockchain Meets Supply Chain: A Systematic Literature Review on Current Development and Potential Applications	Ieee Access	Ieee-Inst Electrical Electronics Engineers Inc	210	2020	8		62478	62494	Y	曾獲H-index論文獎勵(科管所張樹之)
44	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	Amer Assoc Advancement Science	206	2017	3	6				
45	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	Elsevier	202	2018	35	5	1249	1262	Y	曾獲HiCi論文獎勵(資管系陳家榛)
46	WOS:000438480500032	Chen, CC; Chang, YC	What drives purchase intention on Airbnb? Perspectives of consumer reviews, information quality, and media richness	Telematics And Informatics	Elsevier	198	2018	35	5	1512	1523	Y	曾獲HiCi論文獎勵(資管系陳家榛)
47	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	Oxford Univ Press Inc	198	2015	108	4	1466	1478	Y	
48	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	Ieee-Inst Electrical Electronics Engineers Inc	197	2018	13	9	2151	2166		
49	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	Elsevier Sci Ltd	196	2016	138		259	264		

50	WOS:000914624900003	Escalante, J; Chen, WH; Tabatabaei, M; Hoang, AT; Kwon, EE; Lin, KYA; Saravanakumar, A	Pyrolysis of lignocellulosic, algal, plastic, and other biomass wastes for biofuel production and circular bioeconomy: A review of thermogravimetric analysis (TGA) approach	Renewable & Sustainable Energy Reviews	Pergamon-Elsevier Science Ltd	189	2022	169				Y	
51	WOS:000452178600002	Chesson, P	Updates on mechanisms o maintenance of species diversity	Journal Of Ecology	Wiley	189	2018	106	5	1773	1794		
52	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	Amer Soc Plant Biologists	188	2017	29	5	1024	1038	Y	
53	WOS:000888905900002	Aubert, S; Barnes, JD; Demchenko, I; Hawthorne, M; Abdeta, C; Nader, PA; Sala, JCA; Aguilar-Farias, N; Aznar, S; Bakalár, P; Bhawra, J;	Global Matrix 4.0 Physical Activity Report Card Grades for Children and Adolescents: Results and Analyses From 57 Countries	Journal Of Physical Activity & Health	Human Kinetics Publ Inc	187	2022	19	11	700	728	Y	
54	WOS:000876980700005	Hassani, A; Eghbali, P; Mahdipour, F; Wacławek, S; Lin, KYA; Ghanbari, F	Insights into the synergistic role of photocatalytic activation of peroxymonosulfate by UVA-LED irradiation over CoFe2O4-rGO nanocomposite towards effective Bisphenol A degradation: Performance, mineralization, and activation mechanism	Chemical Engineering Journal	Elsevier Science Sa	187	2023	453				Y	
55	WOS:000447004100102	Ma, WJ; Wang, N; Du, YC; Tong, TZ; Zhang, LJ; Lin, KYA; Han, XJ	One-step synthesis of novel Fe3C@nitrogen-doped carbon nanotubes/graphene nanosheets for catalytic degradation of Bisphenol A in the presence of peroxymonosulfate	Chemical Engineering Journal	Elsevier Science Sa	187	2019	356		1022	1031	Y	
56	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	Elsevier	187	2016	184		200	203		曾獲H-index論文獎勵(材料系蔡銘洪)
57	WOS:000366587800013	Chou, SH; Galperin, MY	Diversity of Cyclic Di-GMP-Binding Proteins and Mechanisms	Journal Of Bacteriology	Amer Soc Microbiology	187	2016	198	1	32	46		

58	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;	Meta-analysis identifies common and rare variants influencing blood pressure and overlapping with metabolic trait loci	Nature Genetics	Nature Publishing Group	185	2016	48	10	1162	1170		
59	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	Elsevier	183	2016	16		18	29		曾獲HiCi論文獎勵(資管系陳家榛)
60	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	Pergamon-Elsevier Science Ltd	182	2016	65		420	431		
61	WOS:000365052600109	Lin, KYA; Lee, WD	Self-assembled magnetic graphene supported ZIF-67 as a recoverable and efficient adsorbent for benzotriazole	Chemical Engineering Journal	Elsevier Science Sa	182	2016	284		1017	1027		
62	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	Elsevier Science Sa	182	2015	160		168	176		
63	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	Royal Soc Chemistry	181	2015	5	41	32520	32530		
64	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	Wiley-V C H Verlag Gmbh	180	2017	27	25				
65	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	Wiley-V C H Verlag Gmbh	178	2020	30	36				
66	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	Nature Portfolio	178	2019	2	9	420	428		

67	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	Bmj Publishing Group	178	2015	64	3	495	503		
68	WOS:000593071900035	Wei, MF; Chi, H; Guo, YF; Li, XW; Zhao, LL; Ma, RY	Demography of Cacopsylla chinensis (Hemiptera: Psyllidae) Reared on Four Cultivars of Pyrus bretschneideri (Rosales: Rosaceae) and P. communis Pears With Estimations of Confidence Intervals of Specific Life Table Statistics	Journal Of Economic Entomology	Oxford Univ Press Inc	177	2020	113	5	2343	2353	Y	
69	WOS:000517852500010	Campbell, C; Sands, S; Ferraro, C; Tsao, HY; Mavrommatis, A	From data to action: How marketers can leverage AI	Business Horizons	Elsevier	177	2020	63	2	227	243		
70	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	Bmc	177	2015	6					曾獲H-index論文獎勵(生科系陳全木)
71	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	Ivyspring Int Publ	175	2018	8	5	1435	1448		
72	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	Pergamon-Elsevier Science Ltd	174	2019	124		79	88		
73	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	Elsevier Science Sa	174	2018	351		48	55		
74	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	Asian-Australasian Assoc Animal Production Soc	172	2017	30	3	299	308	Y	
75	WOS:000389917900088	Sun, NN; Wu, TY; Chau, CF	Natural Dietary and Herbal Products in Anti-Obesity Treatment	Molecules	Mdpi	172	2016	21	10				曾獲H-index論文獎勵(食生系周志輝)

76	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	Elsevier	171	2016	175		284	287		曾獲H-index論文獎勵(材料系蔡銘洪)
77	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	Nature Portfolio	170	2016	6					
78	WOS:000353922700032	Yu, FP; Ou, SL; Wu, DS	Pulsed laser deposition of gallium oxide films for high performance solar-blind photodetectors	Optical Materials Express	Optical Soc Amer	170	2015	5	5	1240	1249		
79	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	Wiley-V C H Verlag Gmbh	167	2019	29	40				
80	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	Amer Chemical Soc	166	2018	66	49	12953	12960	Y	
81	WOS:000452308700022	Grillet, L; Lan, P; Li, WF; Mokkaṡati, G; Schmidt, W	IRON MAN is a ubiquitous family of peptides that control iron transport in plants	Nature Plants	Nature Portfolio	164	2018	4	11	953 +		Y	
82	WOS:000428005500074	Mathew, D; Hsu, WL	Antiviral potential of curcumin	Journal Of Functional Foods	Elsevier	164	2018	40		692	699		
83	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	Elsevier Science Inc	164	2016	170		40	56		
84	WOS:000862176100006	Chen, WH; Uribe, MC; Kwon, EE; Lin, KYA; Park, YK; Ding, L; Saw, LH	A comprehensive review of thermoelectric generation optimization by statistical approach: Taguchi method, analysis of variance (ANOVA), and response surface methodology (RSM)	Renewable & Sustainable Energy Reviews	Pergamon-Elsevier Science Ltd	163	2022	169				Y	

85	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	Elsevier	161	2019	20					曾獲H-index論文獎勵(電機系賴慶明)
86	WOS:000495189400001	Wang, BY; Huang, JY; Chen, HC; Lin, CH; Lin, SH; Hung, WH; Cheng, YF	The comparison between adenocarcinoma and squamous cell carcinoma in lung cancer patients	Journal Of Cancer Research And Clinical Oncology	Springer	161	2020	146	1	43	52		
87	WOS:000361957200008	Ko, TM; Tsai, CY; Chen, SY; Chen, KS; Yu, KH; Chu, CS; Huang, CM; Wang, CR; Weng, CT; Yu, CL; Hsieh, SC; Tsai, JC; Lai, WT;	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	Bmj Publishing Group	161	2015	351					
88	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	Wiley-V C H Verlag Gmbh	160	2018	30	46				
89	WOS:000630977700001	Lai, YC; Lu, HW; Wu, HM; Zhang, DG; Yang, JY; Ma, J; Shamsi, M; Vallem, V; Dickey, MD	Elastic Multifunctional Liquid-Metal Fibers for Harvesting Mechanical and Electromagnetic Energy and as Self-Powered Sensors	Advanced Energy Materials	Wiley-V C H Verlag Gmbh	159	2021	11	18				
90	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	Elsevier Science Bv	153	2015	50		223	228		
91	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	W B Saunders Co-Elsevier Inc	150	2019	156	6	1849 +			
92	WOS:000440727000037	Maes, P; Alkhovsky, SV; Bào, YM; Beer, M; Birkhead, M; Briese, T; Buchmeier, MJ; Calisher, CH; Charrel, RN; Choi, IR; Clegg, CS; de la Torre, JC;	Taxonomy of the family Arenaviridae and the order Bunyavirales: update 2018	Archives Of Virology	Springer Wien	149	2018	163	8	2295	2310		

93	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	Amer Medical Assoc	148	2015	175	9	1550	1557		
94	WOS:000522852000001	Viswanath, KK; Varakumar, P; Pamuru, RR; Basha, SJ; Mehta, S; Rao, AD	Plant Lipxygenases and Their Role in Plant Physiology	Journal Of Plant Biology	Springer Heidelberg	147	2020	63	2	83	95	Y	
95	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	Wiley-V C H Verlag Gmbh	147	2017	7	18				
96	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	Routledge Journals, Taylor & Francis Ltd	146	2017	34	1	113	131		
97	WOS:000424973300001	Huang, HW; Chi, H; Smith, CL	Linking Demography and Consumption of Henosepilachna vigintioctopunctata (Coleoptera: Coccinellidae) Fed on Solanum photeinocarpum (Solanales: Solanaceae): With a New Method to Project the Uncertainty of Population Growth and Consumption	Journal Of Economic Entomology	Oxford Univ Press Inc	145	2018	111	1	1	9	Y	
98	WOS:000645784700001	Ha-Tran, DM; Nguyen, TTM; Hung, SH; Huang, EE; Huang, CC	Roles of Plant Growth-Promoting Rhizobacteria (PGPR) in Stimulating Salinity Stress Defense in Plants: A Review	International Journal Of Molecular Sciences	Mdpi	144	2021	22	6			Y	
99	WOS:000465298700018	Tseng, CH; Tsuang, BJ; Chiang, CJ; Ku, KC; Tseng, JS; Yang, TY; Hsu, KH; Chen, KC; Yu, SL; Lee, WC; Liu, TW; Chan, CC; Chang, GC	The Relationship Between Air Pollution and Lung Cancer in Nonsmokers in Taiwan	Journal Of Thoracic Oncology	Elsevier Science Inc	144	2019	14	5	784	792		

100	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	Pergamon-Elsevier Science Ltd	144	2017	160		96	105		
101	WOS:000612151800001	Vallem, V; Sargolzaeiaval, Y; Ozturk, M; Lai, YC; Dickey, MD	Energy Harvesting and Storage with Soft and Stretchable Materials	Advanced Materials	Wiley-V C H Verlag Gmbh	143	2021	33	19				
102	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	Nature Portfolio	143	2016	6					
103	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	Nature Portfolio	143	2015	5					曾獲H-index論文獎勵(生醫所陳健尉)
104	WOS:000611987900002	Davies, SJ; Abiem, I; Abu Salim, K; Aguilar, S; Allen, D; Alonso, A; Anderson-Teixeira, K; Andrade, A; Arellano, G; Ashton, PS; Baker,	ForestGEO: Understanding forest diversity and dynamics through a global observatory network	Biological Conservation	Elsevier Sci Ltd	142	2021	253				Y	
105	WOS:000715856400001	Geiser, DM; Al-Hatmi, AMS; Aoki, T; Arie, T; Balmas, V; Barnes, I; Bergstrom, GC; Bhattacharyya, MK; Blomquist, CL; Bowden, RL; Brankovics, B;	Phylogenomic Analysis of a 55.1-kb 19-Gene Dataset Resolves a Monophyletic Fusarium that Includes the Fusarium solani Species Complex	Phytopathology	Amer Phytopathological Soc	141	2021	111	7	1064	1079	Y	
106	WOS:000423887400009	Hsiao, KL; Chen, CC	What drives smartwatch purchase intention? Perspectives from hardware, software, design, and value	Telematics And Informatics	Elsevier	141	2018	35	1	103	113		曾獲HiCi論文獎勵(資管系陳家榛)
107	WOS:000384775200037	Wu, LH; Wu, LC; Chang, SC	Exploring consumers' intention to accept smartwatch	Computers In Human Behavior	Pergamon-Elsevier Science Ltd	141	2016	64		383	392		
108	WOS:000379499700004	Tsai, MH; Chang, KC; Li, JH; Tsai, RC; Cheng, AH	A second criterion for sigma phase formation in high-entropy alloys	Materials Research Letters	Taylor & Francis Inc	141	2016	4	2	90	95		
109	WOS:000530398900004	Kim, S; Lee, Y; Lin, KYA; Hong, E; Kwon, EE; Lee, J	The valorization of food waste via pyrolysis	Journal Of Cleaner Production	Elsevier Sci Ltd	140	2020	259					

110	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	Amer Chemical Soc	140	2015	2	7	980	986		
111	WOS:000551272900079	Miracle, DB; Tsai, MH; Senkov, ON; Soni, V; Banerjee, R	Refractory high entropy superalloys (RSAs)	Scripta Materialia	Pergamon-Elsevier Science Ltd	139	2020	187		445	452		
112	WOS:000537172100003	Kumar, M; Rathour, R; Singh, R; Sun, YQ; Pandey, A; Gnansounou, E; Lin, KYA; Tsang, DCW; Thakur, IS	Bacterial polyhydroxyalkanoates: Opportunities, challenges, and prospects	Journal Of Cleaner Production	Elsevier Sci Ltd	139	2020	263					
113	WOS:000647567400001	Ghanbari, F; Hassani, A; Waclawek, S; Wang, ZH; Matyszcak, G; Lin, KYA; Dolatabadi, M	Insights into paracetamol degradation in aqueous solutions by ultrasound-assisted heterogeneous electro-Fenton process: Key operating parameters, mineralization and toxicity assessment	Separation And Purification Technology	Elsevier	138	2021	266				Y	
114	WOS:000589819400001	Mai, CL; Zhou, Q; Xiong, Q; Chen, CC; Xu, JB; Zhang, ZZ; Lee, HW; Yeh, CY; Gao, P	Donor- π -Acceptor Type Porphyrin Derivatives Assisted Defect Passivation for Efficient Hybrid Perovskite Solar Cells	Advanced Functional Materials	Wiley-V C H Verlag Gmbh	138	2021	31	7				
115	WOS:000520406700007	Duan, QH; Liu, MCJ; Kita, D; Jordan, SS; Yeh, FLJ; Yvon, R; Carpenter, H; Federico, AN; Garcia-Valencia, LE; Eyles, SJ; Wang, CS; Wu, HM; Cheung, AY	FERONIA controls pectin- and nitric oxide-mediated male-female interaction	Nature	Nature Portfolio	138	2020	579	7800	561 +		Y	
116	WOS:000389717300013	Shih, HT; Ng, PKL; Davie, PJF; Schubart, CD; Türkay, M; Naderloo, R; Jones, D; Liu, MY	Systematics of the family Ocypodidae Rafinesque, 1815 (Crustacea: Brachyura), based on phylogenetic relationships, with a reorganization of subfamily rankings and a review of the taxonomic status of Uca Leach, 1814, sensu lato and its subgenera	Raffles Bulletin Of Zoology	Natl Univ Singapore, Fac Science, Lee Kong Chian Natural History Museum	138	2016	64		139	175		
117	WOS:000394062900024	Chang, SE; Liu, AY; Shen, WC	User trust in social networking services: A comparison of Facebook and LinkedIn	Computers In Human Behavior	Pergamon-Elsevier Science Ltd	137	2017	69		207	217		
118	WOS:000404289200001	Wang, ST; Ho, HJ; Lin, JT; Shieh, JJ; Wu, CY	Simvastatin-induced cell cycle arrest through inhibition of STAT3/SKP2 axis and activation of AMPK to promote p27 and p21 accumulation in hepatocellular carcinoma cells	Cell Death & Disease	Springernature	137	2017	8					

119	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	Elsevier	137	2016	370		83	91		
120	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	Pergamon-Elsevier Science Ltd	135	2018	137		291	303		
121	WOS:000401895700011	Tsai, HH; Schmidt, W	Mobilization of Iron by Plant-Borne Coumarins	Trends In Plant Science	Elsevier Science London	135	2017	22	6	538	548		
122	WOS:000393180200005	Dai, FJ; Chau, CF	Classification and regulatory perspectives of dietary fiber	Journal Of Food And Drug Analysis	Digital Commons Bepress	135	2017	25	1	37	42		
123	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	Amer Psychological Assoc	135	2015	100	4	1089	1106		
124	WOS:000647598300005	Wagner, M; Lin, KYA; Oh, WD; Lisak, G	Metal-organic frameworks for pesticidal persistent organic pollutants detection and adsorption - A mini review	Journal Of Hazardous Materials	Elsevier	132	2021	413				Y	
125	WOS:000597139100012	Hassani, A; Eghbali, P; Kakavandi, B; Lin, KYA; Ghanbari, F	Acetaminophen removal from aqueous solutions through peroxymonosulfate activation by CoFe2O4/mpg-C3N4 nanocomposite: Insight into the performance and degradation kinetics	Environmental Technology & Innovation	Elsevier	132	2020	20					
126	WOS:000527572200024	Ghanbari, F; Wu, JX; Khatebasreh, M; Ding, DH; Lin, KYA	Efficient treatment for landfill leachate through sequential electrocoagulation, electrooxidation and PMS/UV/CuFe2O4 process	Separation And Purification Technology	Elsevier	132	2020	242					

127	WOS:000415055000001	Gao, P; Zhang, ZY; Li, MQ; Ishikawa, R; Feng, B; Liu, HJ; Huang, YL; Shibata, N; Ma, XM; Chen, SL; Zhang, JM; Liu, KH; Wang, EG; Yu, DP; Liao, L; Chu, YH; Ikuhara, Y	Possible absence of critical thickness and size effect in ultrathin perovskite ferroelectric films	Nature Communications	Nature Publishing Group	132	2017	8					
128	WOS:000444148100002	Li, WY; Li, QJ; Kang, SL; Same, M; Zhou, YG; Sun, C; Liu, CC; Matsuoka, L; Sher, L; Wong, WH; Alber, F; Zhou, XJ	CancerDetector: ultrasensitive and non-invasive cancer detection at the resolution of individual reads using cell-free DNA methylation sequencing data	Nucleic Acids Research	Oxford Univ Press	129	2018	46	15				