

- 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,另備註曾獲獎勵之教師名單。
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編號	作者	篇名	刊名	被引用次數	出版日期	出版年份	卷	期	起頁數	迄頁數	登錄號	備註
1	Yella, A; Lee, HW; Tsao, HN; Yi, CY; Chandiran, AK; Nazeeruddin, MK; Diau, EWG; Yeh, CY; Zakeeruddin, SM; Gratzel, M	Porphyrin-Sensitized Solar Cells with Cobalt (II/III)-Based Redox Electrolyte Exceed 12 Percent Efficiency	Science	4766	4-Nov	2011	334	6056	629	634	WOS:000296494700044	曾獲H-index論文獎勵(化學系葉鎮宇)
2	Klionsky, Daniel J.; Abdalla, Fabio C.; Abeliovich, Hagai; Shieh, Jeng-Jer... 1268 People In Total	Guidelines for the use and interpretation of assays for monitoring autophagy	Autophagy	2361	APR	2012	8	4	445	544	WOS:000305403400002	曾獲H-index論文獎勵(生醫所謝政哲)
3	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	2279		2016	12	1	1	222	WOS:000373595400001	曾獲H-index論文獎勵(生醫所謝政哲)
4	Bessho, T; Zakeeruddin, SM; Yeh, CY; Diau, EWG; Gratzel, M	Highly Efficient Mesoscopic Dye-Sensitized Solar Cells Based on Donor-Acceptor-Substituted Porphyrins	Angewandte Chemie-International Edition	652		2010	49	37	6646	6649	WOS:000282477500036	曾獲H-index論文獎勵(化學系葉鎮宇)
5	Tsai, MH; Yeh, JW	High-Entropy Alloys: A Critical Review	Materials Research Letters	603		2014	2	3	107	123	WOS:000209767900001	曾獲H-index論文獎勵(材料系蔡銘洪)
6	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	586	4-Jan	2016	44	D1	D239	D247	WOS:000371261700032	

7	Tsai, KY; Tsai, MH; Yeh, JW	Sluggish diffusion in Co-Cr-Fe-Mn-Ni high-entropy alloys	Acta Materialia	508	AUG	2013	61	13	4887	4897	WOS:000321601400018	曾獲HiCi論文獎勵(材料系蔡銘洪)
8	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	482	JAN	2014	42	D1	D78	D85	WOS:000331139800013	
9	Sun, CL; Lee, HH; Yang, JM; Wu, CC	The simultaneous electrochemical detection of ascorbic acid, dopamine, and uric acid using graphene/size-selected Pt nanocomposites	Biosensors & Bioelectronics	357	15-Apr	2011	26	8	3450	3455	WOS:000289863900010	
10	Chen, CM; Flandorfer, H; Chen, SW; Lee, JH; Yen, YW; Schmetterer, C; Ohnuma, I; Wang, CH	Foreword	Journal Of Electronic Materials	337	JAN	2012	41	1	1	1	WOS:000298352000001	
11	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	333	20-Dec	2013	342	6165	1467	+	WOS:000328644300047	
12	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	325	8-Jun	2015	4				WOS:000356145100001	
13	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	325	19-Mar	2015	519	7543	344	+	WOS:000351171900039	
14	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	293	10-Mar	2014	53	11	2973	2977	WOS:000336846300017	

15	Kuo, WS; Chang, CN; Chang, YT; Yang, MH; Chien, YH; Chen, SJ; Yeh, CS	Gold Nanorods in Photodynamic Therapy, as Hyperthermia Agents, and in Near-Infrared Optical Imaging	Angewandte Chemie-International Edition	286		2010	49	15	2711	2715	WOS:000276780500011	
16	Weng, CJ; Yen, GC	Chemopreventive effects of dietary phytochemicals against cancer invasion and metastasis: Phenolic acids, monophenol, polyphenol, and their derivatives	Cancer Treatment Reviews	275	FEB	2012	38	1	76	87	WOS:000298709400007	曾獲HiCi論文獎勵(食生系顏國欽)
17	Hwang, PP; Lee, TH; Lin, LY	Ion regulation in fish gills: recent progress in the cellular and molecular mechanisms	American Journal Of Physiology-Regulatory Integrative And Comparative Physiology	273	JUL	2011	301	1	R28	R47	WOS:000292319800003	曾獲HiCi論文獎勵(生科系李宗翰)
18	Lohman, DJ; de Bruyn, M; Page, T; von Rintelen, K; Hal, R; Ng, PKL; Shih, HT; Carvalho, GR; von Rintelen, T	Biogeography of the Indo-Australian Archipelago	Annual Review Of Ecology, Evolution, And Systematics, Vol 42	243		2011	42		205	226	WOS:000299438300010	曾獲HiCi論文獎勵(生科系施習德)
19	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	240	15-Jul	2014	86	14	6843	6849	WOS:000339227400019	
20	Wu, CC; Li, TK; Farh, L; Lin, LY; Lin, TS; Yu, YJ; Yen, TJ; Chiang, CW; Chan, NL	Structural Basis of Type II Topoisomerase Inhibition by the Anticancer Drug Etoposide	Science	239	22-Jul	2011	333	6041	459	462	WOS:000292959600048	
21	Lee, CF; Liu, YC; Badsara, SS	Transition-Metal-Catalyzed C-S Bond Coupling Reaction	Chemistry-An Asian Journal	224	MAR	2014	9	3	706	722	WOS:000331611900003	
22	Hsieh, CP; Lu, HP; Chiu, CL; Lee, CW; Chuang, SH; Mai, CL; Yen, WN; Hsu, SJ; Diau, EWG; Yeh, CY	Synthesis and characterization of porphyrin sensitizers with various electron-donating substituents for highly efficient dye-sensitized solar cells	Journal Of Materials Chemistry	223		2010	20	6	1127	1134	WOS:000273961900015	曾獲HiCi論文獎勵(化學系葉鎮宇)
23	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	219	28-May	2014	26	20	3263	+	WOS:000336999800012	
24	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	214	29-Oct	2014	136	43	15379	15385	WOS:000344042900038	

25	Su, FS; Lu, CY; Kuo, SC; Zeng, WT	Adsorption of CO2 on Amine-Functionalized Y-Type Zeolites	Energy & Fuels	214	FEB	2010	24	2	1441	1448	WOS:000274514400088	曾獲HiCi論文獎勵(環工系盧重興)
26	Wei, YK; Chen, YH; Li, LY; Lang, JY; Yeh, SP; Shi, B; Yang, CC; Yang, JY; Lin, CY; Lai, CC; Hung, MC	CDK1-dependent phosphorylation of EZH2 suppresses methylation of H3K27 and promotes osteogenic differentiation of human mesenchymal stem cells	Nature Cell Biology	210	JAN	2011	13	1	87	U211	WOS:000285502200015	
27	Chang, HH; Chang, CK; Tsai, YC; Liao, CS	Electrochemically synthesized graphene/polypyrrole composites and their use in supercapacitor	Carbon	207	MAY	2012	50	6	2331	2336	WOS:000302050200032	曾獲HiCi論文獎勵(化工系蔡毓禎)
28	Wang, Y; Ding, QQ; Yen, CJ; Xia, WY; Izzo, JG; Lang, JY; Li, CW; Hsu, JL; Miller, SA; Wang, XM; Lee, DF; Hsu, JM; Huo, LF; LaBaff, AM; Liu, DP; Huang, TH; Lai, CC; Tsai, FJ; Chang, WC; Chen, CH; Wu, TT; Buttar, NS; Wang, KK; Wu, Y; Wang, HM; Ajani, J; Hung, MC	The Crosstalk of mTOR/S6K1 and Hedgehog Pathways	Cancer Cell	204	20-Mar	2012	21	3	374	387	WOS:000301912800011	
29	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	198	APR	2013	62	4	606	615	WOS:000315595800017	曾獲HiCi論文獎勵(生醫所謝政哲)
30	Wu, SH; Hang, LW; Yang, JS; Chen, HY; Lin, HY; Chiang, JH; Lu, CC; Yang, JL; Lai, TY; Ko, YC; Chung, JG	Curcumin Induces Apoptosis in Human Non-small Cell Lung Cancer NCI-H460 Cells through ER Stress and Caspase Cascade- and Mitochondria-dependent Pathways	Anticancer Research	189	JUN	2010	30	6	2125	2133	WOS:000280230300033	
31	Lee, CA; Gasster, SD; Plaza, A; Chang, CI; Huang, B	Recent Developments in High Performance Computing for Remote Sensing: A Review	Ieee Journal Of Selected Topics In Applied Earth Observations And Remote Sensing	183	SEP	2011	4	3	508	527	WOS:000294550600002	
32	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	172	JUL	2014	147	1	143	U249	WOS:000338373400030	

33	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	170	APR	2014	59	4	1293	1302	WOS:000333249800014	
34	Nakatsuji, T; Chiang, HI; Jiang, SB; Nagarajan, H; Zengler, K; Gallo, RL	The microbiome extends to subepidermal compartments of normal skin	Nature Communications	170	FEB	2013	4				WOS:000316616400007	
35	Lin, YT; Liang, CJ; Chen, JH	Feasibility study of ultraviolet activated persulfate oxidation of phenol	Chemosphere	168	FEB	2011	82	8	1168	1172	WOS:000287432100014	
36	Tubtimtae, A; Wu, KL; Tung, HY; Lee, MW; Wang, GJ	Ag ₂ S quantum dot-sensitized solar cells	Electrochemistry Communications	165	SEP	2010	12	9	1158	1160	WOS:000281417200004	
37	Wu, CH; Huang, SM; Lin, JA; Yen, GC	Inhibition of advanced glycation endproduct formation by foodstuffs	Food & Function	163	MAY	2011	2	5	224	234	WOS:000291039200001	曾獲HiCi論文獎勵(食生系顏國欽)
38	Dewey, Fe;Gusarova, V;Dunbar, RI;Odushlaine, C;Schurmann, C;Gottesman, O;Mccarthy, S;Van Hout,	Genetic and Pharmacologic Inactivation of ANGPTL3 and Cardiovascular Disease	New England Journal Of Medicine	160	20-Jul	2017	377	3	211	221	WOS:000405777600005	
39	Chiang, JH; Yang, JS; Ma, CY; Yang, MD; Huang, HY; Hsia, TC; Kuo, HM; Wu, PP; Lee, TH; Chung, JG	Danthron, an Anthraquinone Derivative, Induces DNA Damage and Caspase Cascades-Mediated Apoptosis in SNU-1 Human Gastric Cancer Cells through Mitochondrial Permeability Transition Pores and Bax-Triggered Pathways	Chemical Research In Toxicology	160	JAN	2011	24	1	20	29	WOS:000286130100003	曾獲HiCi論文獎勵(生科系李宗翰)
40	Lu, CC; Yang, JS; Huang, AC; Hsia, TC; Chou, ST; Kuo, CL; Lu, HF; Lee, TH; Wood, WG; Chung, JG	Chrysophanol induces necrosis through the production of ROS and alteration of ATP levels in J5 human liver cancer cells	Molecular Nutrition & Food Research	157	JUL	2010	54	7	967	976	WOS:000280142400009	曾獲HiCi論文獎勵(生科系李宗翰)
41	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 MoTe ₂	Acs Nano	156	APR	2014	8	4	3895	3903	WOS:000334990600087	
42	Sutar, AK; Maharana, T; Dutta, S; Chen, CT; Lin, CC	Ring-opening polymerization by lithium catalysts: an overview	Chemical Society Reviews	154		2010	39	5	1724	1746	WOS:000277035200020	

43	Su, FS; Lu, CY; Hu, SK	Adsorption of benzene, toluene, ethylbenzene and p-xylene by NaOCl-oxidized carbon nanotubes	Colloids And Surfaces A-Physicochemical And Engineering Aspects	152	5-Jan	2010	353	1	83	91	WOS:000273857500011	
44	Hwang, SL; Shih, PH; Yen, GC	Neuroprotective Effects of Citrus Flavonoids	Journal Of Agricultural And Food Chemistry	147	1-Feb	2012	60	4	877	885	WOS:000300462500003	曾獲HiCi論文獎勵(食生系顏國欽)
45	Wu, SL; Lu, HP; Yu, HT; Chuang, SH; Chiu, CL; Lee, CW; Diau, EWG; Yeh, CY	Design and characterization of porphyrin sensitizers with a push-pull framework for highly efficient dye-sensitized solar cells	Energy & Environmental Science	147		2010	3	7	949	955	WOS:000279322800009	
46	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	146	25-Jun	2013	110	26	10848	10853	WOS:000321503700084	
47	Tso, CP; Zhung, CM; Shih, YH; Tseng, YM; Wu, SC; Doong, RA	Stability of metal oxide nanoparticles in aqueous solutions	Water Science And Technology	143		2010	61	1	127	133	WOS:000273806100014	
48	Chen, HL; Dutta, S; Huang, PY; Lin, CC	Preparation and Characterization of Aluminum Alkoxides Coordinated on salen-Type Ligands: Highly Stereoselective Ring-Opening Polymerization of	Organometallics	141	12-Mar	2012	31	5	2016	2025	WOS:000301331200052	
49	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	138	4-Jan	2016	44	D1	D209	D215	WOS:000371261700028	
50	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	138	JUL	2013	23	7	1109	1118	WOS:000321276900002	
51	Hsiung, CA; Lan, Q; Hong, YC; Chen, CJ; Hosgood, HD; Chang, IS; Chatterjee, N; Brennan, P; Wu, C; Zheng, W; Chang, GC; Wu, TC; Park, JY; Hsiao, CF; Kim, YH; Shen, HB...45 people in total	The 5p15.33 Locus Is Associated with Risk of Lung Adenocarcinoma in Never-Smoking Females in Asia	Plos Genetics	138	AUG	2010	6	8			WOS:000281383800007	

52	Weng, CJ; Yen, GC	Flavonoids, a ubiquitous dietary phenolic subclass, exert extensive in vitro anti-invasive and in vivo anti-metastatic activities	Cancer And Metastasis Reviews	137	JUN	2012	31	43832	323	351	WOS:000309863500024
53	Hsu, SH; Tseng, HJ; Lin, YC	The biocompatibility and antibacterial properties of waterborne polyurethane-silver nanocomposites	Biomaterials	136	SEP	2010	31	26	6796	6808	WOS:000280692500016
54	Shih, YH; Tai, YT	Reaction of decabrominated diphenyl ether by zerovalent iron nanopartcles	Chemosphere	136	MAR	2010	78	10	1200	1206	WOS:000275772600002
55	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	135	OCT	2013	25	10	4061	4074	WOS:000327723100033
56	Huang, YB; Chi, H	Age-stage, two-sex life tables of Bactrocera cucurbitae (Coquillett) (Diptera: Tephritidae) with a discussion on the problem of applying female age-specific life tables to insect populations	Insect Science	135	APR	2012	19	2	263	273	WOS:000302159500014
57	Liu, TY; Huang, TK; Tseng, CY; Lai, YS; Lin, SI; Lin, WY; Chen, JW; Chiou, TJ	PHO2-Dependent Degradation of PHO1 Modulates Phosphate Homeostasis in Arabidopsis	Plant Cell	134	MAY	2012	24	5	2168	2183	WOS:000306105400035
58	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	133	11-Feb	2015	283		787	805	WOS:000347494200091
59	Gao, J; Zheng, YT; Jehng, JM; Tang, YD; Wachs, IE; Podkolzin, SG	Identification of molybdenum oxide nanostructures on zeolites for natural gas conversion	Science	132	8-May	2015	348	6235	686	690	WOS:000354045700044
60	Kuo, CH; Liu, YC; Chang, CMJ; Chen, JH; Chang, C; Shieh, CJ	Optimum conditions for lipase immobilization on chitosan-coated Fe3O4 nanoparticles	Carbohydrate Polymers	132	1-Mar	2012	87	4	2538	2545	WOS:000299969800024

61	Chen, CK; Chen, YW; Lin, CH; Lin, HP; Lee, CF	Synthesis of CuO on mesoporous silica and its applications for coupling reactions of thiols with aryl iodides	Chemical Communications	132		2010	46	2	282	284	WOS:000272799200026
62	Chin, KH; Lee, YC; Tu, ZL; Chen, CH; Tseng, YH; Yang, JM; Ryan, RP; McCarthy, Y; Dow, JM; Wang, AHJ; Chou, SH	The cAMP Receptor-Like Protein CLP Is a Novel c-di-GMP Receptor Linking Cell-Cell Signaling to Virulence Gene Expression in <i>Xanthomonas campestris</i>	Journal Of Molecular Biology	127	26-Feb	2010	396	3	646	662	WOS:000275328500017
63	Li, CH; Shen, CC; Cheng, YW; Huang, SH; Wu, CC; Kao, CC; Liao, JW; Kang, JJ	Organ biodistribution, clearance, and genotoxicity of orally administered zinc oxide nanoparticles in mice	Nanotoxicology	125	NOV	2012	6	7	746	756	WOS:000309751200006
64	Chen, DY; Chen, YM; Chen, HH; Hsieh, CW; Lin, CC; Lan, JL	Increasing levels of circulating Th17 cells and interleukin-17 in rheumatoid arthritis patients with an inadequate response to anti-TNF-alpha therapy	Arthritis Research & Therapy	125		2011	13	4			WOS:000297150200017
65	Tsai, CC; Huang, HC; Chan, CK	Parallel Elite Genetic Algorithm and Its Application to Global Path Planning for Autonomous Robot Navigation	Ieee Transactions On Industrial Electronics	123	OCT	2011	58	10	4813	4821	WOS:000294544700036
66	Huang, GS; Dai, LG; Yen, BL; Hsu, SH	Spheroid formation of mesenchymal stem cells on chitosan and chitosan-hyaluronan membranes	Biomaterials	122	OCT	2011	32	29	6929	6945	WOS:000294512800007
67	Tsou, CY; Feng, ZY; Chigira, M	Catastrophic landslide induced by Typhoon Morakot, Shiaolin, Taiwan	Geomorphology	122	15-Apr	2011	127	43894	166	178	WOS:000289017200004
68	Lan, P; Li, W; Schmidt, W	Complementary Proteome and Transcriptome Profiling in Phosphate-deficient Arabidopsis Roots Reveals Multiple Levels of Gene Regulation	Molecular & Cellular Proteomics	121	NOV	2012	11	11	1156	1166	WOS:000313277100005
69	Zhang, SH; Liu, CC; Li, WY; Shen, H; Laird, PW; Zhou, XJ	Discovery of multi-dimensional modules by integrative analysis of cancer genomic data	Nucleic Acids Research	120	OCT	2012	40	19	9379	9391	WOS:000310377200010

70	Lin, KYA; Chang, HA	Ultra-high adsorption capacity of zeolitic imidazole framework-67 (ZIF-67) for removal of malachite green from water	Chemosphere	119	NOV	2015	139		624	631	WOS:000361868000081
71	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	119	MAR	2015	64	3	495	503	WOS:000349376600018
72	Tsai, CC; Huang, HC; Lin, SC	Adaptive Neural Network Control of a Self-Balancing Two-Wheeled Scooter	Ieee Transactions On Industrial Electronics	119	APR	2010	57	4	1420	1428	WOS:000275369400031
73	Shyu, MH; Kao, TC; Yen, GC	Oleanolic Acid and Ursolic Acid Induce Apoptosis in HuH7 Human Hepatocellular Carcinoma Cells through a Mitochondrial-Dependent Pathway and Downregulation of XIAP	Journal Of Agricultural And Food Chemistry	118	26-May	2010	58	10	6110	6118	WOS:000277721900030
74	Huang, KC; Wang, YC; Dong, RX; Tsai, WC; Tsai, KW; Wang, CC; Chen, YH; Vittal, R; Lin, JJ; Ho, KC	A high performance dye-sensitized solar cell with a novel nanocomposite film of PtNP/MWCNT on the counter electrode	Journal Of Materials Chemistry	117		2010	20	20	4067	4073	WOS:000277563800008
75	Wu, HP; Ou, ZW; Pan, TY; Lan, CM; Huang, WK; Lee, HW; Reddy, NM; Chen, CT; Chao, WS; Yeh, CY; Diau, EWG	Molecular engineering of cocktail co-sensitization for efficient panchromatic porphyrin-sensitized solar cells	Energy & Environmental Science	116	DEC	2012	5	12	9843	9848	WOS:000311970300019
76	Taberlay, PC; Kelly, TK; Liu, CC; You, JS; De Carvalho, DD; Miranda, TB; Zhou, XJ; Liang, GN; Jones, PA	Polycomb-Repressed Genes Have Permissive Enhancers that Initiate Reprogramming	Cell	116	9-Dec	2011	147	6	1283	1294	WOS:000298148100018
77	Mai, CL; Huang, WK; Lu, HP; Lee, CW; Chiu, CL; Liang, YR; Diau, EWG; Yeh, CY	Synthesis and characterization of diporphyrin sensitizers for dye-sensitized solar cells	Chemical Communications	116		2010	46	5	809	811	WOS:000274207000044
78	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	115	JAN	2014	7	1	317	326	WOS:000329059100030

79	Lin, TI	Robust mixture modeling using multivariate skew t distributions	Statistics And Computing	115	JUL	2010	20	3	343	356	WOS:000278472800007
80	Shaikh, TM; Weng, CM; Hong, FE	Secondary phosphine oxides: Versatile ligands in transition metal-catalyzed cross-coupling reactions	Coordination Chemistry Reviews	113	MAY	2012	256	44084	771	803	WOS:000302431400001
81	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 Medicago truncatula	Plant Physiology	111	JUL	2013	162	3	1473	1485	WOS:000321325700020
82	Bhaskara, GB; Nguyen, TT; Verslues, PE	Unique Drought Resistance Functions of the Highly ABA-Induced Clade A Protein Phosphatase 2Cs	Plant Physiology	108	SEP	2012	160	1	379	395	WOS:000308675100033
83	Chen, JZ; Ko, WY; Yen, YC; Chen, PH; Lin, KJ	Hydrothermally Processed TiO2 Nanowire Electrodes with Antireflective and Electrochromic Properties	Acs Nano	107	AUG	2012	6	8	6633	6639	WOS:000307988900014
84	Ismayilov, RH; Wang, WZ; Lee, GH; Yeh, CY; Hua, SA; Song, Y; Rohmer, MM; Benard, M; Peng, SM	Two Linear Undecanickel Mixed-Valence Complexes: Increasing the Size and the Scope of the Electronic Properties of Nickel Metal Strings	Angewandte Chemie-International Edition	107		2011	50	9	2045	2048	WOS:000288035300008
85	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	106	JUL	2015	62		76	83	WOS:000355026800012
86	Lin, CH; Chang, SL; Shen, TY; Shih, YS; Lin, HT; Wang, CF	Flexible polybenzoxazine thermosets with high glass transition temperatures and low surface free energies	Polymer Chemistry	106		2012	3	4	935	945	WOS:000301199600017
87	Hung, CH; Chang, YT; Chang, YJ	Roles of microorganisms other than Clostridium and Enterobacter in anaerobic fermentative biohydrogen production systems - A review	Bioresource Technology	106	SEP	2011	102	18	8437	8444	WOS:000295107200013

88	Liang, CJ; Guo, YY	Mass Transfer and Chemical Oxidation of Naphthalene Particles with Zerovalent Iron Activated Persulfate	Environmental Science & Technology	105	1-Nov	2010	44	21	8203	8208	WOS:000283484000039
89	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...28 people 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	104	OCT	2013	78		1	19	WOS:000324605600001
90	Ponnusamy, VK; Jen, JF	A novel graphene nanosheets coated stainless steel fiber for microwave assisted headspace solid phase microextraction of organochlorine pesticides in aqueous samples followed by gas chromatography with electron capture detection	Journal Of Chromatography A	104	28-Sep	2011	1218	39	6861	6868	WOS:000295241500002
91	Hsu, SC; Lu, CS; Su, FS; Zeng, WT; Chen, WF	Thermodynamics and regeneration studies of CO2 adsorption on multiwalled carbon nanotubes	Chemical Engineering Science	104	15-Feb	2010	65	4	1354	1361	WOS:000275217500005
92	Huang, YB; Chi, H	Life tables of Bactrocera cucurbitae (Diptera: Tephritidae): with an invalidation of the jackknife technique	Journal Of Applied Entomology	103	JUN	2013	137	5	327	339	WOS:000318695600002
93	Cao, Y; Wu, SH; Dai, YC	Species clarification of the prize medicinal Ganoderma mushroom "Lingzhi"	Fungal Diversity	103	SEP	2012	56	1	49	62	WOS:000308540400003
94	Shih, PH; Chan, YC; Liao, JW; Wang, MF; Yen, GC	Antioxidant and cognitive promotion effects of anthocyanin-rich mulberry (Morus atropurpurea L.) on senescence-accelerated mice and prevention of Alzheimer's disease	Journal Of Nutritional Biochemistry	102	JUL	2010	21	7	598	605	WOS:000279363200005
95	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	101	7-Dec	2016	28	45	10024	10032	WOS:000392725200014

96	Chang, CL; McAleer, M; Tansuchat, R	Crude oil hedging strategies using dynamic multivariate GARCH	Energy Economics	101	SEP	2011	33	5	912	923	WOS:000295301600022
97	Liu, CF; Tseng, KC; Chiang, SS; Lee, BH; Hsua, WH; Pan, TM	Immunomodulatory and antioxidant potential of Lactobacillus exopolysaccharides	Journal Of The Science Of Food And Agriculture	101	SEP	2011	91	12	2284	2291	WOS:000294766900024
98	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	100		2015	3	18	9480	9490	WOS:000353927500019
99	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	100	15-Nov	2013	141	2	1104	1113	WOS:000321803500062
100	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	100	OCT	2013	25	10	4044	4060	WOS:000327723100032