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## TOP PAPERS FOR TAIWAN IN ENVIRONMENT/ECOLOGY

Sorted by: Citations		SORT AGAIN
1 - 20 (of 25)		
		Page 1 of 2
1	<b>Citations:</b> 408	WEB OF SCIENCE
<b>Title:</b>	A NEW STATISTICAL APPROACH FOR ASSESSING SIMILARITY OF SPECIES COMPOSITION WITH INCIDENCE AND ABUNDANCE DATA	
<b>Authors:</b>	<a href="#">CHAO A</a> ; <a href="#">CHAZDON RL</a> ; <a href="#">COLWELL RK</a> ; <a href="#">SHEN TJ</a>	
<b>Source:</b>	<a href="#">ECOL LETT</a> 8 (2): 148-159 FEB 2005	
<b>Addresses:</b>	<a href="#">Univ Connecticut</a> , Dept Ecol & Evolutionary Biol, Storrs, CT 06269 USA. <a href="#">Natl Tsing Hua Univ</a> , Inst Stat, Hsinchu, <b>Taiwan</b> .	
<b>Field:</b>	<a href="#">ENVIRONMENT/ECOLOGY</a>	
2	<b>Citations:</b> 296	WEB OF SCIENCE
<b>Title:</b>	ADSORPTION BEHAVIOR OF REACTIVE DYE IN AQUEOUS SOLUTION ON CHEMICAL CROSS-LINKED CHITOSAN BEADS	
<b>Authors:</b>	CHIOU MS; <a href="#">LI HY</a>	
<b>Source:</b>	<a href="#">CHEMOSPHERE</a> 50 (8): 1095-1105 MAR 2003	
<b>Addresses:</b>	<a href="#">Natl Lien Ho Inst Technol</a> , Dept Chem Engr, Miaoli 36003, <b>Taiwan</b> .	
<b>Field:</b>	<a href="#">ENVIRONMENT/ECOLOGY</a>	
3	<b>Citations:</b> 269	WEB OF SCIENCE
<b>Title:</b>	GLOBAL HOTSPOTS OF SPECIES RICHNESS ARE NOT CONGRUENT WITH ENDEMISM OR THREAT	
<b>Authors:</b>	<a href="#">ORME CDL</a> ; <a href="#">DAVIES RG</a> ; BURGESS M; EIGENBROD F; PICKUP N; OLSON VA; WEBSTER AJ; <a href="#">DING TS</a> ; RASMUSSEN PC; RIDGELY RS; STATTERSFIELD AJ; <a href="#">BENNETT PM</a> ; <a href="#">BLACKBURN TM</a> ; <a href="#">GASTON</a>	

[KJ: OWENS IPF](#)

**Source:** [NATURE](#)  
436 (7053): 1016-1019 AUG 18 2005

**Addresses:** [Univ London Imperial Coll Sci Technol & Med](#), Div Biol, Silwood Pk, Ascot SL5 7PY, Berks, [England](#).  
[Univ London Imperial Coll Sci Technol & Med](#), Div Biol, Ascot SL5 7PY, Berks, [England](#).  
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[Univ Sheffield](#), Biodivers & Macroecol Grp, Dept Anim & Plant Sci, Sheffield S10 2TN, S Yorkshire, [England](#).  
[Zool Soc London](#), Inst Zool, London NW1 4RY, [England](#).  
[Univ Birmingham](#), Sch Biosci, Birmingham B15 2TT, W Midlands, [England](#).  
[Natl Taiwan Univ](#), Sch Forestry & Resource Conservat, Taipei 106, [Taiwan](#).  
[Michigan State Univ Museum](#), E Lansing, MI 48824 USA.  
[Michigan State Univ](#), Dept Zool, E Lansing, MI 48824 USA.  
[Acad Nat Sci Philadelphia](#), Philadelphia, PA 19103 USA.  
[Birdlife Int](#), Cambridge CB3 0NA, [England](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

4 Citations: 251 

WEB OF SCIENCE

**Title:** REMOVAL OF COPPER IONS FROM AQUEOUS SOLUTION BY TREE FERN

**Authors:** [HO YS](#)

**Source:** [WATER RES](#)  
37 (10): 2323-2330 MAY 2003

**Addresses:** [Taipei Med Univ](#), Sch Publ Hlth, 250, Wu Hsing St, Taipei, [Taiwan](#).  
[Taipei Med Univ](#), Sch Publ Hlth, Taipei, [Taiwan](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

5 Citations: 205 

WEB OF SCIENCE

**Title:** BIOHYDROGEN PRODUCTION AS A FUNCTION OF PH AND SUBSTRATE CONCENTRATION

**Authors:** VAN GINKEL S; [SUNG SW](#); LAY JJ

**Source:** [ENVIRON SCI TECHNOL](#)  
35 (24): 4726-4730 DEC 15 2001

**Addresses:** [Iowa State Univ.](#), Dept Civil & Construct Engn, Town Engn Bldg, Ames, IA 50011 USA.  
[Iowa State Univ.](#), Dept Civil & Construct Engn, Ames, IA 50011 USA.  
[Natl Kaohsiung First Univ Sci & Technol.](#), Dept Safety Hlth & Environm Engn, Kaohsiung, **Taiwan.**

**Field:** [ENVIRONMENT/ECOLOGY](#)

6 **Citations:** 187 

RESEARCH FRONT

WEB OF SCIENCE

**Title:** REVIEW ON THERMAL ENERGY STORAGE WITH PHASE CHANGE MATERIALS AND APPLICATIONS

**Authors:** [SHARMA A.](#); TYAGI VV; [CHEN CR.](#); BUDDHI D

**Source:** [RENEW SUSTAIN ENERGY REV](#)  
 13 (2): 318-345 FEB 2009

**Addresses:** Kun Shan Univ, Dept Mech Engn, 949 Da Wan Rd, Yung Kung City 710, Tainan Hsien, **Taiwan.**  
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**Field:** [ENVIRONMENT/ECOLOGY](#)

7 **Citations:** 150 

WEB OF SCIENCE

**Title:** ADSORPTION OF TRIHALOMETHANES FROM WATER WITH CARBON NANOTUBES

**Authors:** [LU CS.](#); CHUNG YL; CHANG KF

**Source:** [WATER RES](#)  
 39 (6): 1183-1189 MAR 2005

**Addresses:** [Natl Chung Hsing Univ.](#), Dept Environm Engn, 250 Kuo Kuang Rd, Taichung 40227, **Taiwan.**  
[Natl Chung Hsing Univ.](#), Dept Environm Engn, Taichung 40227, **Taiwan.**

**Field:** [ENVIRONMENT/ECOLOGY](#)

8 **Citations:** 142 

RESEARCH FRONT

WEB OF SCIENCE

**Title:** ANTHROPOGENIC CAUSES OF JELLYFISH BLOOMS AND THEIR DIRECT CONSEQUENCES FOR HUMANS: A REVIEW

**Authors:** PURCELL JE; UYE S; LO WT

**Source:** [MAR ECOL-PROGR SER](#)  
350: 153-174 2007

**Addresses:** [Western Washington Univ.](#), Shannon Point Marine Ctr, 1900 Shannon Point Rd, Washington, DC USA.  
[Western Washington Univ.](#), Shannon Point Marine Ctr, Washington, DC USA.  
[Hiroshima Univ.](#), Grad Sch Biosphere Sci, Higashihiroshima 7398528, [Japan](#).  
[Natl Sun Yat Sen Univ.](#), Kuroshio Res Grp, Asian Pacific Ocean Res Ctr, Dept Marine Biotechnol & Resources, Kaohsiung 804, [Taiwan](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

9 Citations: 138 

WEB OF SCIENCE

**Title:** GLOBAL DISTRIBUTION AND CONSERVATION OF RARE AND THREATENED VERTEBRATES

**Authors:** GRENYER R; [ORME CDL](#); JACKSON SF; THOMAS GH; [DAVIES RG](#); [DAVIES TJ](#); [JONES KE](#); OLSON VA; RIDGELY RS; RASMUSSEN PC; [DING TS](#); [BENNETT PM](#); [BLACKBURN TM](#); [GASTON KJ](#); [GITTELMAN JL](#); [OWENS IPF](#)

**Source:** [NATURE](#)  
444 (7115): 93-96 NOV 2 2006

**Addresses:** [Royal Bot Gardens](#), Jodrell Lab, Richmond TW9 3AB, Surrey, [England](#).  
[Univ Virginia](#), Dept Biol, Charlottesville, VA 22904 USA.  
[Univ London Imperial Coll Sci Technol & Med](#), Div Biol, Ascot SL5 7PY, Berks, [England](#).  
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[Natl Taiwan Univ](#), Sch Forestry & Resource Conservat, Taipei 106, [Taiwan](#).  
[NERC](#), Ctr Populat Biol, Ascot SL5 7PY, Berks, [England](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

10 Citations: 119 

RESEARCH FRONT

WEB OF SCIENCE

**Title:** IN VITRO CYTOTOXICITY OF SILICA NANOPARTICLES AT HIGH CONCENTRATIONS STRONGLY DEPENDS ON THE METABOLIC ACTIVITY TYPE OF THE CELL LINE

**Authors:** [CHANG JS](#); CHANG KLB; [HWANG DF](#); KONG ZL

**Source:** [ENVIRON SCI TECHNOL](#)  
41 (6): 2064-2068 MAR 15 2007

**Addresses:** [Natl Taiwan Ocean Univ](#), Dept Food Sci, 2 Pei Ning Rd, Chilung 20224, [Taiwan](#).  
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**Field:** [ENVIRONMENT/ECOLOGY](#)

11 Citations: 109 

RESEARCH FRONT

WEB OF SCIENCE

**Title:** PERSISTENT TISSUE KINETICS AND REDISTRIBUTION OF NANOPARTICLES, QUANTUM DOT 705, IN MICE: ICP-MS QUANTITATIVE ASSESSMENT

**Authors:** [YANG RH](#); [CHANG LW](#); [WU JP](#); [TSAI MH](#); [WANG HJ](#); KUO YC; YEH TK; [YANG CS](#); [LIN P](#)

**Source:** [ENVIRON HEALTH PERSPECT](#)  
115 (9): 1339-1343 SEP 2007

**Addresses:** 35 Keyan Rd, Zhunan 350, Miaoli County, [Taiwan](#).  
[Natl Hlth Res Inst](#), Div Environm Hlth & Occupat Med, Zhunan, [Taiwan](#).  
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[Natl Hlth Res Inst](#), Ctr Nanomed Res, Zhunan, [Taiwan](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

12 Citations: 96 

RESEARCH FRONT

COMMENTARY

WEB OF SCIENCE

**Title:** ADSORPTION OF PHENOL AND ITS DERIVATIVES FROM WATER USING SYNTHETIC RESINS AND LOW-COST NATURAL ADSORBENTS: A REVIEW

**Authors:** [LIN SH](#); [JUANG RS](#)

**Source:** [J ENVIRON MANAGE](#)  
90 (3): 1336-1349 MAR 2009

**Addresses:** [Yuan Ze Univ](#), Dept Chem Engn & Mat Sci, 135 Yuan Tung Rd, Chungli 32003, [Taiwan](#).  
[Yuan Ze Univ](#), Dept Chem Engn & Mat Sci, Chungli 32003, [Taiwan](#).  
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[Yuan Ze Univ](#), Fuel Cell Ctr, Chungli 32003, [Taiwan](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

13 Citations: 87 

RESEARCH FRONT

WEB OF SCIENCE

**Title:** THE IMPACT OF CONSERVATION ON THE STATUS OF THE WORLD'S VERTEBRATES

**Authors:** [HOFFMANN M](#); HILTON-TAYLOR C; ANGULO A; [BOHM M](#); [BROOKS TM](#); [BUTCHART SHM](#); [CARPENTER KE](#); CHANSON J; [COLLEN B](#); [COX NA](#); DARWALL WRT; [DULVY NK](#); HARRISON LR; KATARIYA V; POLLOCK CM; QUADER S; RICHMAN NI; [RODRIGUES ASL](#); TOGNETTI MF; [VIE JC](#); AGUIAR JM; ALLEN DJ; ALLEN GR; AMORI G; ANANJEVA NB; ANDREONE F; [ANDREW P](#); ORTIZ ALA; [BAILLIE JEM](#); BALDI R; BELL BD; BIJU SD; BIRD JP; BLACK-DECIMA P; [BLANC JJ](#); BOLANOS F; BOLIVAR W; BURFIELD IJ; BURTON JA; CAPPER DR; CASTRO F; CATULLO G; CAVANAGH RD; CHANNING A; CHAO NL; CHENERY AM; CHIOZZA F; CLAUSNITZER V; COLLAR NJ; COLLETT LC; COLLETTE BB; FERNANDEZ CFC; CRAIG MT; CROSBY MJ; CUMBERLIDGE N; CUTTELOD A; [DEROCHER AE](#); DIESMOS AC; DONALDSON JS; DUCKWORTH JW; DUTSON G; DUTTA SK; EMSLIE RH; FARJON A; [FOWLER S](#); FREYHOF J; GARSHELIS DL; GERLACH J; GOWER DJ; GRANT TD; HAMMERSON GA; HARRIS RB; HEANEY LR; [HEDGES SB](#); HERO JM; [HUGHES B](#); HUSSAIN SA; ICOCHEA J; INGER RF; [ISHII N](#); ISKANDAR DT; JENKINS RKB; [KANEKO Y](#); KOTTELAT M; [KOVACS KM](#); KUZMIN SL; LA MARCA E; [LAMOREUX JF](#); LAU MWN; LAVILLA EO; LEUS K; [LEWISON RL](#); LICHTENSTEIN G; LIVINGSTONE SR; LUKOSCHEK V; MALLON DP; MCGOWAN PJK; MCIVOR A; MOEHLMAN PD; MOLUR S; ALONSO AM; MUSICK JA; NOWELL K; NUSSBAUM RA; OLECH W; ORLOV NL; PAPPENFUSS TJ; PARRA-OLEA G; PERRIN WF; POLIDORO BA; POURKAZEMI M; RACEY PA; RAGLE JS; RAM M; RATHBUN G; REYNOLDS RP; RHODIN AGJ; RICHARDS SJ; RODRIGUEZ LO; [RON SR](#); [RONDININI C](#); [RYLANDS AB](#); DE MITCHESON YS; SANCIANGCO JC; SANDERS KL; SANTOS-BARRERA G; [SCHIPPER J](#); SELF-SULLIVAN C; SHI YC; SHOEMAKER A; SHORT FT; SILLERO-ZUBIRI C; SILVANO DL; [SMITH KG](#); SMITH AT; SNOEKS J; STATTERSFIELD AJ; SYMES AJ; TABER AB; TALUKDAR BK; TEMPLE HJ; TIMMINS R; TOBIAS JA; TSYTSULINA K; TWEDDLE D; UBEDA C; VALENTI SV; VAN DIJK PP; VEIGA LM; VELOSO A; WEGE DC; [WILKINSON M](#); WILLIAMSON EA; [XIE F](#); [YOUNG BE](#); AKCAKAYA HR; BENNUN L; [BLACKBURN TM](#); [BOITANI L](#); DUBLIN HT; DA FONSECA GAB; [GASCON C](#); LACHER TE; [MACE GM](#); MAINKA SA; MCNEELY JA; [MITTERMEIER RA](#); REID GM; [RODRIGUEZ JP](#); ROSENBERG AA; SAMWAYS MJ; SMART J; STEIN BA; [STUART SN](#)

**Source:** [SCIENCE](#)  
330 (6010): 1503-1509 DEC 10 2010

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**Field:** [ENVIRONMENT/ECOLOGY](#)

14 Citations: 75 

HOT PAPER 

RESEARCH FRONT

WEB OF SCIENCE

**Title:** RAPID RANGE SHIFTS OF SPECIES ASSOCIATED WITH HIGH LEVELS OF CLIMATE WARMING

**Authors:** CHEN IC; [HILL JK](#); [OHLEMULLER R](#); [ROY DB](#); [THOMAS CD](#)

**Source:** [SCIENCE](#)  
 333 (6045): 1024-1026 AUG 19 2011

**Addresses:** [Univ York](#), Dept Biol, Wentworth Way, York YO10 5DD, N  
 Yorkshire, [England](#).  
[Univ York](#), Dept Biol, York YO10 5DD, N Yorkshire, [England](#).  
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[Univ Durham](#), Inst Hazard Risk & Resilience, Durham DH1 3LE, [England](#).  
[Ctr Ecol & Hydrol](#), Wallingford OX10 8BB, Oxon, [England](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

15 Citations: 72 

RESEARCH FRONT

WEB OF SCIENCE

**Title:** ELEVATION INCREASES IN MOTH ASSEMBLAGES OVER 42 YEARS

## ON A TROPICAL MOUNTAIN

**Authors:** CHEN IC; SHIU HJ; BENEDICK S; HOLLOWAY JD; CHEYE VK; BARLOW HS; [HILL JK](#); [THOMAS CD](#)

**Source:** [PROC NAT ACAD SCI USA](#)  
106 (5): 1479-1483 FEB 3 2009

**Addresses:** [Univ York](#), Dept Biol, POB 373, York YO10 5YW, N Yorkshire, [England](#).  
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**Field:** [ENVIRONMENT/ECOLOGY](#)

16 Citations: 70 

RESEARCH FRONT

WEB OF SCIENCE

**Title:** PARTITIONING BETA DIVERSITY IN A SUBTROPICAL BROAD-LEAVED FOREST OF CHINA

**Authors:** [LEGENDRE P](#); MI XC; REN HB; MA KP; YU MJ; SUN IF; [HE FL](#)

**Source:** [ECOLOGY](#)  
90 (3): 663-674 MAR 2009

**Addresses:** [Univ Montreal](#), Dept Sci Biol, CP 6128, Succursale Ctr Ville, Montreal, PQ H3C 3J7, [Canada](#).  
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[Univ Alberta](#), Dept Renewable Resources, Edmonton, AB T6G 2H1, [Canada](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

17 Citations: 39 

RESEARCH FRONT

WEB OF SCIENCE

**Title:** IMPACTS OF EMERGING ORGANIC CONTAMINANTS ON FRESHWATER RESOURCES: REVIEW OF RECENT OCCURRENCES, SOURCES, FATE AND EFFECTS

**Authors:** [PAL A](#); GIN KYH; LIN AYC; [REINHARD M](#)

**Source:** [SCI TOTAL ENVIR](#)  
408 (24): 6062-6069 NOV 15 2010

**Addresses:** [Stanford Univ.](#), Dept Civil & Environm Engn, Yang & Yamasaki Environm & Energy Bldg,473 Via Or, Stanford, CA 94305 USA.  
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**Field:** [ENVIRONMENT/ECOLOGY](#)

18 Citations: 25 

RESEARCH FRONT

WEB OF SCIENCE

**Title:** ENHANCED LIGHT HARVESTING WITH PI-CONJUGATED CYCLIC AROMATIC HYDROCARBONS FOR PORPHYRIN-SENSITIZED SOLAR CELLS

**Authors:** [WANG CL](#); [CHANG YC](#); LAN CM; LO CF; DIAU EWG; [LIN CY](#)

**Source:** [ENERGY ENVIRON SCI](#)  
4 (5): 1788-1795 MAY 2011

**Addresses:** [Natl Chi Nan Univ.](#), Dept Appl Chem, Puli 54561, Nantou Hsien, [Taiwan](#).  
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[Natl Chiao Tung Univ.](#), Inst Mol Sci, Hsinchu 30010, [Taiwan](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

19 Citations: 12 

WEB OF SCIENCE

**Title:** HIGH-PERFORMANCE QUANTUM DOT-SENSITIZED SOLAR CELLS BASED ON SENSITIZATION WITH CUINS<sub>2</sub> QUANTUM DOTS/CDS HETEROSTRUCTURE

**Authors:** LI TL; [LEE YL](#); [TENG H](#)

**Source:** [ENERGY ENVIRON SCI](#)  
5 (1): 5315-5324 JAN 2012

**Addresses:** [Natl Cheng Kung Univ.](#), Dept Chem Engn, Tainan 70101, [Taiwan](#).  
[Natl Cheng Kung Univ.](#), Res Ctr Energy Technol & Strategy, Tainan 70101, [Taiwan](#).  
[Natl Cheng Kung Univ.](#), Ctr Micro Nano Sci & Technol, Tainan 70101, [Taiwan](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

20 Citations: 10 

WEB OF SCIENCE

**Title:** ENHANCED PHOTOVOLTAIC PERFORMANCE WITH CO-

## SENSITIZATION OF PORPHYRIN AND AN ORGANIC DYE IN DYE-SENSITIZED SOLAR CELLS

**Authors:** LAN CM; [WU HP](#); PAN TY; [CHANG CW](#); CHAO WS; [CHEN CT](#); [WANG CL](#); [LIN CY](#); DIAU EWG

**Source:** [ENERGY ENVIRON SCI](#)  
5 (4): 6460-6464 APR 2012

**Addresses:** [Natl Chiao Tung Univ](#), Dept Appl Chem, Hsinchu 30010, [Taiwan](#).  
[Natl Chiao Tung Univ](#), Inst Mol Sci, Hsinchu 30010, [Taiwan](#).  
[Natl Taiwan Normal Univ](#), Dept Chem, Taipei 11677, [Taiwan](#).  
[Natl Tsing Hua Univ](#), Dept Chem, Hsinchu 30013, [Taiwan](#).  
[Natl Chi Nan Univ](#), Dept Appl Chem, Puli 54561, Nantou Hsien, [Taiwan](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

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