

ISI Web of KnowledgeSMEssential Science IndicatorsSM

TOP PAPERS FOR TAIWAN IN ENVIRONMENT/ECOLOGY

Sorted by: Citations		SORT AGAIN
1 - 20 (of 24)		
		Page 1 of 2
1	Citations: 372	WEB OF SCIENCE
Title:	A NEW STATISTICAL APPROACH FOR ASSESSING SIMILARITY OF SPECIES COMPOSITION WITH INCIDENCE AND ABUNDANCE DATA	
Authors:	CHAO A ; CHAZDON RL ; COLWELL RK ; SHEN TJ	
Source:	ECOL LETT 8 (2): 148-159 FEB 2005	
Addresses:	Univ Connecticut , Dept Ecol & Evolutionary Biol, Storrs, CT 06269 USA. Natl Tsing Hua Univ , Inst Stat, Hsinchu, Taiwan .	
Field:	ENVIRONMENT/ECOLOGY	
2	Citations: 278	WEB OF SCIENCE
Title:	ADSORPTION BEHAVIOR OF REACTIVE DYE IN AQUEOUS SOLUTION ON CHEMICAL CROSS-LINKED CHITOSAN BEADS	
Authors:	CHIOU MS; LI HY	
Source:	CHEMOSPHERE 50 (8): 1095-1105 MAR 2003	
Addresses:	Natl Lien Ho Inst Technol , Dept Chem Engr, Miaoli 36003, Taiwan .	
Field:	ENVIRONMENT/ECOLOGY	
3	Citations: 246	WEB OF SCIENCE
Title:	GLOBAL HOTSPOTS OF SPECIES RICHNESS ARE NOT CONGRUENT WITH ENDEMISM OR THREAT	
Authors:	ORME CDL ; DAVIES RG ; BURGESS M; EIGENBROD F; PICKUP N; OLSON VA; WEBSTER AJ; DING TS ; RASMUSSEN PC; RIDGELY RS; STATTERSFIELD AJ; BENNETT PM ; BLACKBURN TM ; GASTON	

[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](#).
[Univ London Imperial Coll Sci Technol & Med](#), NERC, Ctr Populat Biol, Ascot SL5 7PY, Berks, [England](#).
[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: 240 

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: 143 

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](#).
 Kun Shan Univ, Dept Mech Engn, Yung Kung City 710, Tainan Hsien, [Taiwan](#).
 Devi Ahilya Univ, Sch Energy & Environm Studies, Thermal Energy Storage Lab, Indore 452017, Madhya Pradesh, [India](#).

Field: [ENVIRONMENT/ECOLOGY](#)

6 **Citations:** 139 

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](#)

7 **Citations:** 127 

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](#)

8 **Citations:** 122 

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](#); [GITTLEMAN 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](#).
[Univ Sheffield](#), Dept Anim & Plant Sci, Biodivers & Macroecol Grp, Sheffield S10 2TN, S Yorkshire, [England](#).
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[Zool Soc London](#), Inst Zool, London NW1 4RY, [England](#).
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[NERC](#), Ctr Populat Biol, Ascot SL5 7PY, Berks, [England](#).

Field: [ENVIRONMENT/ECOLOGY](#)

9 Citations: 102 

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](#).
[Natl Taiwan Ocean Univ](#), Dept Food Sci, Chilung 20224, [Taiwan](#).

Field: [ENVIRONMENT/ECOLOGY](#)

10 Citations: 93 

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](#).
[Colorado State Univ](#), Dept Environm & Radiol Hlth Sci, Quantum & Computat
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[Natl Hlth Res Inst](#), Ctr Nanomed Res, Zhunan, [Taiwan](#).

Field: [ENVIRONMENT/ECOLOGY](#)

11 Citations: 89 

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](#).
Nanya Inst Technol, Dept Chem & Mat Engn, Chungli 320, [Taiwan](#).
[Yuan Ze Univ](#), Fuel Cell Ctr, Chungli 32003, [Taiwan](#).

Field: [ENVIRONMENT/ECOLOGY](#)

12 Citations: 65 

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](#)

13 Citations: 62 

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; PAPENFUSS 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](#); [BOITANIL](#); 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

Addresses:

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[Univ Nacl Tucuman](#), Inst Miguel Lillo, RA-4000 San Miguel De Tucuman, [Argentina](#).
[Univ Costa Rica](#), Escuela Biol, San Jose 115012060, [Costa Rica](#).
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[British Antarctic Survey](#), Cambridge CB3 0ET, [England](#).
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 Univ Fed Amazonas, Depto Ciencias Pesqueiras, BR-60700 Manaus, Amazonas, [Brazil](#).
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 N Orissa Univ, Mayurbhanj 757003, Orissa, [India](#).
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[Royal Bot Gardens](#), Herbarium Lib Art & Arch, Richmond TW9 3AB, Surrey, [England](#).
 NatureBur, Newbury RG14 5SJ, Berks, [England](#).
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[Field Museum Nat Hist](#), Chicago, IL 60605 USA.
[Penn State Univ](#), Dept Biol, University Pk, PA 16802 USA.
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[S Australian Museum](#), Herpetol Dept, Adelaide, SA 5000, [Australia](#).
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[Univ Oxford](#), Dept Zool, Edward Grey Inst, Oxford OX1 3PS, [England](#).
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Field: [ENVIRONMENT/ECOLOGY](#)

14 Citations: 53 

RESEARCH FRONT

WEB OF SCIENCE

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

Authors: [LEGENDTRE 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](#).
[Univ Montreal](#), Dept Sci Biol, Montreal, PQ H3C 3J7, [Canada](#).
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 Tunghai Univ, Ctr Trop Ecol & Biodivers, Taichung 40704, [Taiwan](#).
[Univ Alberta](#), Dept Renewable Resources, Edmonton, AB T6G 2H1, [Canada](#).

Field: [ENVIRONMENT/ECOLOGY](#)

15 Citations: 32 HOT PAPER 

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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](#).
[Acad Sinica](#), Biodivers Res Ctr, Taipei 115, [Taiwan](#).
[Univ Durham](#), Sch Biol & Biomed Sci, Durham DH1 3LE, [England](#).
[Univ Durham](#), Inst Hazard Risk & Resilience, Durham DH1 3LE, [England](#).
[Ctr Ecol & Hydrol](#), Wallingford OX10 8BB, Oxon, [England](#).**Field:** [ENVIRONMENT/ECOLOGY](#)16 Citations: 22 

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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.
[Stanford Univ](#), Dept Civil & Environm Engn, Stanford, CA 94305 USA.
[Nanyang Technol Univ](#), Sch Civil & Environm Engn, Singapore 639798, [Singapore](#).
[Natl Taiwan Univ](#), Grad Inst Environm Engn, Taipei 106, [Taiwan](#).**Field:** [ENVIRONMENT/ECOLOGY](#)17 Citations: 17 

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Title: EMISSIONS OF POLYCHLORINATED DIBENZO-P-DIOXINS AND DIBENZOFURANS FROM AN ELECTRIC ARC FURNACE, SECONDARY ALUMINUM SMELTER, CREMATORY AND JOSS PAPER INCINERATORS**Authors:** CHIU JC; [SHEN YH](#); [LI HW](#); LIN LF; [WANG LC](#); CHANG-CHIEN GP

- Source:** AEROSOL AIR QUAL RES
11 (1): 13-20 FEB 2011
- Addresses:** [Natl Cheng Kung Univ](#), Dept Environm Engn, Tainan 70101, [Taiwan](#).
[Natl Cheng Kung Univ](#), Dept Resources Engn, Tainan 70101, [Taiwan](#).
[Natl Cheng Kung Univ](#), Sustainable Environm Res Ctr, Tainan 70101, [Taiwan](#).
[Kun Shan Univ](#), Dept Environm Engn, Tainan, [Taiwan](#).
[Cheng Shiu Univ](#), Dept Chem & Mat Engn, Kaohsiung, [Taiwan](#).
- Field:** [ENVIRONMENT/ECOLOGY](#)
- 18 Citations: 13  [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](#).
[Natl Chiao Tung Univ](#), Dept Appl Chem, Hsinchu 30010, [Taiwan](#).
[Natl Chiao Tung Univ](#), Inst Mol Sci, Hsinchu 30010, [Taiwan](#).
- Field:** [ENVIRONMENT/ECOLOGY](#)
- 19 Citations: 13  [WEB OF SCIENCE](#)
- Title:** NANOWIRE ARRAYS WITH CONTROLLED STRUCTURE PROFILES FOR MAXIMIZING OPTICAL COLLECTION EFFICIENCY
- Authors:** [CHANG HC](#); LAI KY; DAI YA; [WANG HH](#); LIN CA; [HE JH](#)
- Source:** [ENERGY ENVIRON SCI](#)
4 (8): 2863-2869 AUG 2011
- Addresses:** [Natl Taiwan Univ](#), Inst Photon & Optoelect, Taipei 106, [Taiwan](#).
[Natl Taiwan Univ](#), Dept Elect Engn, Taipei 106, [Taiwan](#).
- Field:** [ENVIRONMENT/ECOLOGY](#)
- 20 Citations: 12  [RESEARCH FRONT](#) [WEB OF SCIENCE](#)
- Title:** EFFECTS OF VARIOUS PHYSICO-CHEMICAL CHARACTERISTICS ON THE TOXICITIES OF ZNO AND TiO2 NANOPARTICLES TOWARD HUMAN LUNG EPITHELIAL CELLS

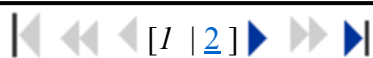
Authors: HSIAO IL; [HUANG YJ](#)

Source: [SCI TOTAL ENVIR](#)
409 (7): 1219-1228 MAR 1 2011

Addresses: [Natl Tsing Hua Univ.](#), Dept Biomed Engn & Environm Sci, 101,Sect 2,Kuang Fu Rd, Hsinchu 30013, **Taiwan.**
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