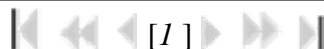




TOP PAPERS FOR TAIWAN IN ENVIRONMENT/ECOLOGY

Sorted by: Citations

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1 Citations: 215

RESEARCH FRONT

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: 179

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](#)

3 Citations: 178

WEB OF SCIENCE

Title: KINETIC MODELING OF LIQUID-PHASE ADSORPTION OF REACTIVE DYES AND METAL IONS ON CHITOSAN**Authors:** [WU FC](#); TSENG RL; [JUANG RS](#)**Source:** [WATER RES](#)
35 (3): 613-618 MAR 2001**Addresses:** Lien Ho Inst Technol, Dept Chem Engn, Miao Li 360, [Taiwan](#).
[Yuan Ze Univ](#), Dept Chem Engn, Chungli 320, [Taiwan](#).
Lien Ho Inst Technol, Dept Safety Hlth & Environm Engn, Miao Li, [Taiwan](#).

Field: [ENVIRONMENT/ECOLOGY](#)

4 Citations: 175 

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 Engn, Miaoli 36003, [Taiwan](#).

Field: [ENVIRONMENT/ECOLOGY](#)

5 Citations: 160 

RESEARCH FRONT

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](#)

6 Citations: 81 

RESEARCH FRONT

WEB OF SCIENCE

Title: ADSORPTION OF TRIHALOMETHANES FROM WATER WITH CARBON NANOTUBES

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

Source: [WATER RES](#)

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: 79 

WEB OF SCIENCE

Title: DEGRADATION OF AZO DYES USING LOW IRON CONCENTRATION OF FENTON AND FENTON-LIKE SYSTEM

Authors: HSUEH CL; [HUANG YH.](#); [WANG CC.](#); [CHEN CY](#)

Source: [CHEMOSPHERE](#)
58 (10): 1409-1414 MAR 2005

Addresses: [Natl Cheng Kung Univ.](#), Dept Chem Engn, Tainan 701, [Taiwan.](#)
[So Taiwan Univ Technol.](#), Dept Chem Engn, Tainan 710, [Taiwan.](#)

Field: [ENVIRONMENT/ECOLOGY](#)

8 Citations: 75 

RESEARCH FRONT

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.](#)
[Univ Birmingham.](#), Sch Biosci, Birmingham B15 2TT, W Midlands, [England.](#)
[Zool Soc London.](#), Inst Zool, London NW1 4RY, [England.](#)
[Acad Nat Sci Philadelphia.](#), Philadelphia, PA 19103 USA.
[Michigan State Univ Museum.](#), E Lansing, MI 48824 USA.
Dept Zool, E Lansing, MI 48824 USA.
[Natl Taiwan Univ.](#), Sch Forestry & Resource Conservat, Taipei 106, [Taiwan.](#)
[NERC.](#), Ctr Populat Biol, Ascot SL5 7PY, Berks, [England.](#)

Field: [ENVIRONMENT/ECOLOGY](#)

9 Citations: 42 

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: 42 

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 Toxicol Grp, Ft Collins, CO 80523 USA.
[Natl Hlth Res Inst](#), Div Biotechnol & Pharmaceut Res, Zhunan, [Taiwan](#).
[Natl Hlth Res Inst](#), Ctr Nanomed Res, Zhunan, [Taiwan](#).

Field: [ENVIRONMENT/ECOLOGY](#)

11 Citations: 39 

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](#)

12 Citations: 24 

HOT PAPER 

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](#)

13 Citations: 23 

RESEARCH FRONT

WEB OF SCIENCE

Title: DARK H-2 FERMENTATION FROM SUCROSE AND XYLOSE USING H-2-PRODUCING INDIGENOUS BACTERIA: FEASIBILITY AND KINETIC STUDIES

Authors: LO YC; [CHEN WM](#); [HUNG CH](#); CHEN SD; [CHANG JS](#)

Source: [WATER RES](#)
42 (4-5): 827-842 FEB 2008

Addresses: [Natl Cheng Kung Univ](#), Dept Chem Engn, Tainan 701, [Taiwan](#).
[Natl Kaoshiung Marine Univ](#), Dept Seafood Sci, Kaohsiung, [Taiwan](#).
[Natl Chung Hsing Univ](#), Dept Environm Engn, Taichung 40227, [Taiwan](#).

Field: [ENVIRONMENT/ECOLOGY](#)

14 Citations: 15 

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](#).
[Univ York](#), Dept Biol, York YO10 5YW, N Yorkshire, [England](#).
[Natl Univ Tainan](#), Grad Inst Environm Sci & Ecol, Tainan 700, [Taiwan](#).
[Univ Malaysia Sabah](#), Sch Sustainable Agr, Kota Kinabalu 88999, Sabah, [Malaysia](#).
[Nat Hist Museum](#), Dept Entomol, London SW7 5BD, [England](#).
Forest Res Ctr Sabah, Entomol Sect, Sandakan 90715, [Malaysia](#).

Field: [ENVIRONMENT/ECOLOGY](#)

15 Citations: 15 

RESEARCH FRONT

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](#)

16 Citations: 14 

RESEARCH FRONT

WEB OF SCIENCE

Title: ASSOCIATION BETWEEN PRENATAL EXPOSURE TO PHTHALATES AND THE HEALTH OF NEWBORNS

Authors: HUANG PC; KUO PL; CHOU YY; [LIN SJ](#); [LEE CC](#)

Source: [ENVIRON INT](#)
35 (1): 14-20 JAN 2009

Addresses: [Natl Cheng Kung Univ](#), Coll Med, Dept Environm & Occupat Hlth, Tainan 70101, [Taiwan](#).
[Natl Cheng Kung Univ Med Coll & Hosp](#), Dept Obstet & Gynecol, Tainan, [Taiwan](#).
[Natl Cheng Kung Univ Med Coll & Hosp](#), Dept Pediat, Tainan, [Taiwan](#).
[Natl Cheng Kung Univ](#), Sustainable Environm Res Ctr, Tainan 70101, [Taiwan](#).

Field: [ENVIRONMENT/ECOLOGY](#)

17 Citations: 10 

RESEARCH FRONT

WEB OF SCIENCE

Title: PHARMACEUTICAL CONTAMINATION IN RESIDENTIAL, INDUSTRIAL, AND AGRICULTURAL WASTE STREAMS: RISK TO AQUEOUS ENVIRONMENTS IN TAIWAN

Authors: LIN AYC; YU TH; [LIN CF](#)

Source: [CHEMOSPHERE](#)
74 (1): 131-141 DEC 2008

Addresses: [Natl Taiwan Univ](#), Grad Inst Environm Engr, 1,Sect 4,Roosevelt Rd, Taipei 10617, [Taiwan](#).
[Natl Taiwan Univ](#), Grad Inst Environm Engr, Taipei 10617, [Taiwan](#).

Field: [ENVIRONMENT/ECOLOGY](#)

18 Citations: 9 

WEB OF SCIENCE

Title: REMOVAL OF VOLATILE ORGANIC COMPOUNDS BY SINGLE-STAGE AND TWO-STAGE PLASMA CATALYSIS SYSTEMS: A REVIEW OF THE PERFORMANCE ENHANCEMENT MECHANISMS, CURRENT STATUS, AND SUITABLE APPLICATIONS

Authors: [CHEN HL](#); [LEE HM](#); [CHEN SH](#); CHANG MB; YU SJ; LI SN

Source: [ENVIRON SCI TECHNOL](#)
43 (7): 2216-2227 APR 1 2009

Addresses: [Natl Cent Univ](#), Grad Inst Environm Engn, Chungli 320, Taoyuan County, [Taiwan](#).
INER, Div Phys, Longtan 325, Taoyuan County, [Taiwan](#).
ITRI, Hsinchu 310, [Taiwan](#).

Field: [ENVIRONMENT/ECOLOGY](#)