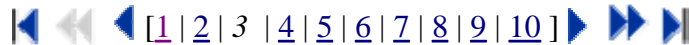


HIGHLY CITED PAPERS IN ENVIRONMENT/ECOLOGY

Sorted by: Citations

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41 Citations: 544 

WEB OF SCIENCE

Title: THE MINERAL NUTRITION OF WILD PLANTS REVISITED: A RE-EVALUATION OF PROCESSES AND PATTERNS

Authors: [AERTS R.](#); [CHAPIN FS](#)

Source: [ADVAN ECOL RES](#) 30: 1-67 2000

Addresses: [Vrije Univ Amsterdam](#), Dept Syst Ecol, De Boelelaan 1087, NL-1081 HV Amsterdam, [Netherlands](#).
[Vrije Univ Amsterdam](#), Dept Syst Ecol, NL-1081 HV Amsterdam, [Netherlands](#).
[Univ Alaska](#), Inst Arctic Biol, Fairbanks, AK 99775 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

42 Citations: 542 

COMMENTARY

WEB OF SCIENCE

Title: GLOBAL PATTERNS OF PLANT INVASIONS AND THE CONCEPT OF INVASIBILITY

Authors: [LONSDALE WM](#)

Source: [ECOLOGY](#) 80 (5): 1522-1536 JUL 1999

Addresses: [CSIRO](#), GPO Box 1700, Canberra, ACT 2601, [Australia](#).
[CSIRO Entmol](#), European Lab, F-34980 Montferrier Sur Lez, [France](#).

Field: [ENVIRONMENT/ECOLOGY](#)

43 Citations: 526 

WEB OF SCIENCE

Title: THE KINETICS OF SORPTION OF DIVALENT METAL IONS ONTO SPHAGNUM MOSS FLAT

Authors: [HO YS.](#); [MCKAY G](#)

Source: [WATER RES](#) 34 (3): 735-742 FEB 2000

Addresses: [Hong Kong Univ Sci & Technol](#), Dept Chem Engn, Clear Water Bay, Kowloon, Hong Kong.
[Hong Kong Univ Sci & Technol](#), Dept Chem Engn, Kowloon, Hong Kong.

Field: [ENVIRONMENT/ECOLOGY](#)

44 Citations: 524 

RESEARCH FRONT

COMMENTARY

WEB OF SCIENCE

Title: THE WORLDWIDE LEAF ECONOMICS SPECTRUM

Authors: [WRIGHT IJ](#); [REICH PB](#); [WESTOBY M](#); [ACKERLY DD](#); [BARUCH Z](#); [BONGERS F](#); [CAVENDER-BARES J](#); [CHAPIN T](#); [CORNELISSEN JHC](#); [DIEMER M](#); [FLEXAS J](#); [GARNIER E](#); [GROOM PK](#); [GULIAS J](#); [HIKOSAKA K](#); [LAMONT BB](#); [LEE T](#); [LEE W](#); [LUSK C](#); [MIDGLEY JJ](#); [NAVAS ML](#); [NIINEMETS U](#); [OLEKSYN J](#); [OSADA N](#); [POORTER H](#); [POOT P](#); [PRIOR L](#); [PYANKOV VI](#); [ROUMET C](#); [THOMAS SC](#); [TJOELKER MG](#); [VENEKLAAS EJ](#); [VILLAR R](#)

Source: [NATURE](#) 428 (6985): 821-827 APR 22 2004

Addresses: [Macquarie Univ](#), Dept Biol Sci, N Ryde, NSW 2109, [Australia](#).
[Univ Minnesota](#), Dept Forest Resources, St Paul, MN 55108 USA.
[Stanford Univ](#), Dept Biol Sci, Stanford, CA 94305 USA.
[Univ Simon Bolivar](#), Dept Estudios Ambientales, Caracas 1080, [Venezuela](#).
[Wageningen Univ](#), Forest Ecol & Forest Management Grp, Dept Environm Sci, NL-6700 AH Wageningen, [Netherlands](#).
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[Landcare Res](#), Dunedin, [New Zealand](#).
[Concepcion Univ](#), Dept Bot, Concepcion, [Chile](#).
[Univ Cape Town](#), Dept Bot, ZA-7701 Rondebosch, [South Africa](#).
[Univ Tartu](#), Dept Plant Physiol, EE-51011 Tartu, [Estonia](#).
[Polish Acad Sci](#), Inst Dendrol, PL-62035 Kornik, [Poland](#).
[Univ Tokyo](#), Nikko Bot Garden, Grad Sch Sci, Nikko, Tochigi 3211435, [Japan](#).
[Univ Utrecht](#), NL-3508 TB Utrecht, [Netherlands](#).
[Univ Western Australia](#), Sch Plant Biol, Crawley, WA 6009, [Australia](#).
[Charles Darwin Univ](#), Key Ctr Wildlife Management, Darwin, NT 0909, [Australia](#).
[Ural State Univ](#), Ekaterinburg, [Russia](#).
[Univ Toronto](#), Fac Forestry, Toronto, ON M5S 3B3, [Canada](#).
[Texas A&M Univ](#), Dept Forest Sci, College Stn, TX 77843 USA.
[Univ Cordoba](#), Area Ecol, E-14071 Cordoba, [Spain](#).

Field: [ENVIRONMENT/ECOLOGY](#)

45 Citations: 520 

RESEARCH FRONT

WEB OF SCIENCE

Title: STATUS AND TRENDS OF AMPHIBIAN DECLINES AND EXTINCTIONS WORLDWIDE

Authors: [STUART SN](#); [CHANSON JS](#); [COX NA](#); [YOUNG BE](#); [RODRIGUES ASL](#); [FISCHMAN DL](#); [WALLER RW](#)

Source: [SCIENCE](#) 306 (5702): 1783-1786 DEC 3 2004

Addresses: IUCN Species Survival Commiss Conservat, Int Ctr Appl Biodivers Sci, Biodivers Assessment Unit, 1919 M St NW, Washington, DC 20036 USA.
IUCN Species Survival Commiss Conservat, Int Ctr Appl Biodivers Sci, Biodivers Assessment Unit, Washington, DC 20036 USA.
Natureserve, Monteverde, Puntarenas, [Costa Rica](#).
[Conservat Int](#), Ctr Appl Biodivers Sci, Washington, DC 20036 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

46 Citations: 513 **Title:** GLOBAL DISTRIBUTION OF PERFLUOROCTANE SULFONATE IN WILDLIFE**Authors:** [GIESY JP;](#) [KANNAN K](#)**Source:** [ENVIRON SCI TECHNOL](#) 35 (7): 1339-1342 APR 1 2001**Addresses:** [Michigan State Univ](#), Inst Environm Toxicol, Natl Food Safety & Toxicol, Dept Zool, E Lansing, MI 48824 USA.**Field:** [ENVIRONMENT/ECOLOGY](#)47 Citations: 512 **Title:** MODEL SELECTION IN ECOLOGY AND EVOLUTION**Authors:** [JOHNSON JB;](#) [OMLAND KS](#)**Source:** [TREND ECOL EVOLUT](#) 19 (2): 101-108 FEB 2004**Addresses:** [Natl Marine Fisheries Serv](#), Conservat Biol Div, 2725 Montlake Blvd E, Natori, Miyagi 98112, [Japan](#).
[Natl Marine Fisheries Serv](#), Conservat Biol Div, Natori, Miyagi 98112, [Japan](#).
[Univ Vermont](#), Vermont Cooperat Fish & Wildlife Res Unit, Sch Nat Resources, Burlington, VT 05405 USA.**Field:** [ENVIRONMENT/ECOLOGY](#)48 Citations: 511 **Title:** TOWARD A METABOLIC THEORY OF ECOLOGY**Authors:** [BROWN JH;](#) [GILLOOLY JF;](#) [ALLEN AP;](#) [SAVAGE VM;](#) [WEST GB](#)**Source:** [ECOLOGY](#) 85 (7): 1771-1789 JUL 2004**Addresses:** [Univ New Mexico](#), Dept Biol, Albuquerque, NM 87131 USA.
[Santa Fe Inst](#), Santa Fe, NM 87501 USA.
[Los Alamos Natl Lab](#), Div Theoret, Los Alamos, NM 87545 USA.**Field:** [ENVIRONMENT/ECOLOGY](#)49 Citations: 505 **Title:** ESTIMATES OF THE ANNUAL NET CARBON AND WATER EXCHANGE OF FORESTS: THE EUROFLUX METHODOLOGY**Authors:** [AUBINET M;](#) [GRELE A;](#) [IBROM A;](#) [RANNIK U;](#) [MONCRIEFF J;](#) [FOKEN T;](#) [KOWALSKI AS;](#) [MARTIN PH;](#) [BERBIGIER P;](#) [BERNHOFER C;](#) [CLEMENT R;](#) [ELBERS J;](#) [GRANIER A;](#) [GRUNWALD T;](#) [MORGENSTERN K;](#) [PILEGAARD K;](#) [REBMANN C;](#) [SNIJDERS W;](#) [VALENTINI R;](#) [VESALA T](#)**Source:** [ADVAN ECOL RES](#) 30: 113-175 2000**Addresses:** Fac Agr Sci, Dept Phys, B-5030 Gembloux, [Belgium](#).
[Swedish Univ Agr Sci](#), Dept Prod Ecol, SE-75007 Uppsala, [Sweden](#).
[Univ Gottingen](#), Inst Bioclimatol, D-37077 Gottingen, [Germany](#).
[Univ Helsinki](#), Dept Phys, FIN-00014 Helsinki, [Finland](#).

[Univ Edinburgh](#), Edinburgh EH9 3JU, Midlothian, [Scotland](#).

[Univ Bayreuth](#), Dept Micrometeorol, D-75440 Bayreuth, [Germany](#).

[Univ Instelling Antwerp](#), Dept Biol, B-2610 Wilrijk, [Belgium](#).

[Commiss European Communities](#), Joint Res Ctr, Inst Syst Informat & Safety, I-21020 Ispra, VA, [Italy](#).

INRA Bioclimatol, F-33883 Villenave Dornon, [France](#).

[Tech Univ Dresden](#), Inst Hydrol & Meteorol, D-01737 Tharandt, [Germany](#).

[DLO](#), Winand Staring Ctr, NL-6700 AC Wageningen, [Netherlands](#).

[INRA](#), Unite Ecophysiol Forestiere, F-54280 Seichamps, [France](#).

[Riso Natl Lab](#), DK-4000 Roskilde, [Denmark](#).

[Max Planck Inst Biogeochem](#), D-07701 Jena, [Germany](#).

[Univ Tuscia](#), DISAFRI, I-01100 Viterbo, [Italy](#).

Field: [ENVIRONMENT/ECOLOGY](#)

50 **Citations:** 503 

RESEARCH FRONT

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Title: PREDICTING SPECIES DISTRIBUTION: OFFERING MORE THAN SIMPLE HABITAT MODELS

Authors: [GUISAN A](#); [THUILLER W](#)

Source: [ECOL LETT](#) 8 (9): 993-1009 SEP 2005

Addresses: [Univ Lausanne](#), Dept Ecol & Evolut, Lab Biol Conservat, Batiment Biol, CH-1015 Lausanne, [Switzerland](#).

[Univ Lausanne](#), Dept Ecol & Evolut, Lab Biol Conservat, CH-1015 Lausanne, [Switzerland](#).

[S African Natl Biodivers Inst](#), Kirstenbosh Res Ctr, Climate Change Res Grp, ZA-7735 Cape Town, [South Africa](#).

[Univ Evora](#), Macroecol & Conservat Unit, P-7000730 Evora, [Portugal](#).

Field: [ENVIRONMENT/ECOLOGY](#)

51 **Citations:** 499 

COMMENTARY

WEB OF SCIENCE

Title: THE STRENGTH OF PHENOTYPIC SELECTION IN NATURAL POPULATIONS

Authors: [KINGSOLVER JG](#); [HOEKSTRA HE](#); [HOEKSTRA JM](#); [BERRIGAN D](#); [VIGNIERI SN](#); [HILL CE](#); [HOANG A](#); [GIBERT P](#); [BEERLI P](#)

Source: [AMER NATURALIST](#) 157 (3): 245-261 MAR 2001

Addresses: [Univ N Carolina](#), Dept Biol, Chapel Hill, NC 27599 USA.

[Univ Washington](#), Dept Zool, Seattle, WA 98195 USA.

[Univ Washington](#), Dept Genet, Seattle, WA 98195 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

52 **Citations:** 495 

COMMENTARY

WEB OF SCIENCE

Title: CONSIDERING EVOLUTIONARY PROCESSES IN CONSERVATION BIOLOGY

Authors: [CRANDALL KA](#); [BININDA-EMONDS ORP](#); [MACE GM](#); [WAYNE RK](#)

Source: [TREND ECOL EVOLUT](#) 15 (7): 290-295 JUL 2000

Addresses: [Brigham Young Univ](#), Dept Zool, Provo, UT 84602 USA.
[Brigham Young Univ](#), ML Bean Museum, Provo, UT 84602 USA.
[Univ Calif Davis](#), Sect Evolut & Ecol, Davis, CA 95616 USA.

[Zool Soc London](#), Inst Zool, London NW1 4RY, [England](#).
[Univ Calif Los Angeles](#), Dept Organism Biol Ecol & Evolut, Los Angeles, CA 90095 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

53 Citations: 489 

WEB OF SCIENCE

Title: CLIMATE EXTREMES: OBSERVATIONS, MODELING, AND IMPACTS

Authors: [EASTERLING DR](#); [MEEHL GA](#); [PARMESAN C](#); [CHANGNON SA](#); [KARL TR](#); [MEARNS LO](#)

Source: [SCIENCE](#) 289 (5487): 2068-2074 SEP 22 2000

Addresses: [NOAA](#), Natl Climate Data Ctr, 151 Patton Ave, Asheville, NC 28801 USA.
[NOAA](#), Natl Climate Data Ctr, Asheville, NC 28801 USA.
[Natl Ctr Atmospher Res](#), Boulder, CO 80303 USA.
[Univ Texas](#), Austin, TX 78712 USA.
Illinois State Water Survey, Champaign, IL 61820 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

54 Citations: 487 

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Title: THE ECOLOGICAL CONSEQUENCES OF CHANGES IN BIODIVERSITY: A SEARCH FOR GENERAL PRINCIPLES

Authors: [TILMAN D](#)

Source: [ECOLOGY](#) 80 (5): 1455-1474 JUL 1999

Addresses: [Univ Minnesota](#), Dept Ecol & Evolut Biol, St Paul, MN 55108 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

55 Citations: 485 

WEB OF SCIENCE

Title: INTRASPECIFIC GENE GENEALOGIES: TREES GRAFTING INTO NETWORKS

Authors: [POSADA D](#); [CRANDALL KA](#)

Source: [TREND ECOL EVOLUT](#) 16 (1): 37-45 JAN 2001

Addresses: [Brigham Young Univ](#), Dept Zool, 574 WIDB, Provo, UT 84602 USA.
[Brigham Young Univ](#), Dept Zool, Provo, UT 84602 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

56 Citations: 482 

WEB OF SCIENCE

Title: ECOLOGY AND THE ORIGIN OF SPECIES

Authors: [SCHLUTER D](#)

Source: [TREND ECOL EVOLUT](#) 16 (7): 372-380 Sp. Iss. SI JUL 2001

Addresses: [Univ British Columbia](#), Dept Zool, 6270 Univ Blvd, Vancouver, BC V6T 1Z4, [Canada](#).
[Univ British Columbia](#), Dept Zool, Vancouver, BC V6T 1Z4, [Canada](#).
[Univ British Columbia](#), Ctr Biodivers Res, Vancouver, BC V6T 1Z4, [Canada](#).

Field: [ENVIRONMENT/ECOLOGY](#)

57 **Citations:** 479 

WEB OF SCIENCE

Title: BAYESIAN PHYLOGENETIC ANALYSIS OF COMBINED DATA

Authors: [NYLANDER JAA](#); [RONQUIST F](#); [HUELSENBECK JP](#); NIEVES-ALDREY JL

Source: [SYST BIOL](#) 53 (1): 47-67 FEB 2004

Addresses: [Uppsala Univ](#), Evolutionary Biol Ctr, Dept Systemat Zool, Norbyvagen 18 D, SE-75236 Uppsala, [Sweden](#).
[Uppsala Univ](#), Evolutionary Biol Ctr, Dept Systemat Zool, SE-75236 Uppsala, [Sweden](#).
[Univ Calif San Diego](#), Div Biol Sci, Sect Ecol Behav & Evolut, La Jolla, CA 92093 USA.
[CSIC](#), Museo Nacl Ciencias Nat, Dept Bioversidad & Biol Evolut, E-28006 Madrid, [Spain](#).

Field: [ENVIRONMENT/ECOLOGY](#)

58 **Citations:** 476 

WEB OF SCIENCE

Title: LARGE-SCALE FOREST GIRDLING SHOWS THAT CURRENT PHOTOSYNTHESIS DRIVES SOIL RESPIRATION

Authors: [HOGBERG P](#); [NORDGREN A](#); [BUCHMANN N](#); [TAYLOR AFS](#); [EKBLAD A](#); [HOGBERG MN](#); [NYBERG G](#); OTTOSSON-LOFVENIUS M; [READ DJ](#)

Source: [NATURE](#) 411 (6839): 789-792 JUN 14 2001

Addresses: [SLU](#), Depr Forest Ecol, Sect Soil Sci, SE-90183 Umea, [Sweden](#).
[Max Planck Inst Biogeochem](#), D-07701 Jena, [Germany](#).
[SLU](#), Dept Forest Mycol & Pathol, SE-75007 Uppsala, [Sweden](#).
[Univ Sheffield](#), Dept Anim & Plant Sci, Sheffield S10 2TN, S Yorkshire, [England](#).

Field: [ENVIRONMENT/ECOLOGY](#)

59 **Citations:** 472 

WEB OF SCIENCE

Title: CLASSIFICATION AND REGRESSION TREES: A POWERFUL YET SIMPLE TECHNIQUE FOR ECOLOGICAL DATA ANALYSIS

Authors: DE'ATH G; [FABRICIUS KE](#)

Source: [ECOLOGY](#) 81 (11): 3178-3192 NOV 2000

Addresses: [James Cook Univ N Queensland](#), Trop Environm Studies & Geog, Townsville, Qld 4811, [Australia](#).
[Australian Inst Marine Sci](#), Townsville, Qld 4810, [Australia](#).

Field: [ENVIRONMENT/ECOLOGY](#)

60 **Citations:** 462 

WEB OF SCIENCE

Title: GLOBAL PATTERNS IN BIODIVERSITY

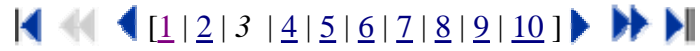
Authors: [GASTON KJ](#)

Source: [NATURE](#) 405 (6783): 220-227 MAY 11 2000

Addresses: [Univ Sheffield](#), Dept Anim & Plant Sci, Biodivers & Macroecol Grp, Sheffield S10 2TN, S Yorkshire, [England](#).

Field: [ENVIRONMENT/ECOLOGY](#)

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