

HIGHLY CITED PAPERS IN ENVIRONMENT/ECOLOGY

Sorted by: Citations

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41 Citations: 521 

WEB OF SCIENCE

Title: SPAGEDI: A VERSATILE COMPUTER PROGRAM TO ANALYSE SPATIAL GENETIC STRUCTURE AT THE INDIVIDUAL OR POPULATION LEVELS

Authors: [HARDY OJ](#); [VEKEMANS X](#)

Source: [MOL ECOL NOTES](#) 2 (4): 618-620 DEC 2002

Addresses: [Free Univ Brussels](#), Lab Genet & Ecol Vegetales, 1850 Chaussee Wavre, B-1160 Brussels, [Belgium](#).
[Free Univ Brussels](#), Lab Genet & Ecol Vegetales, B-1160 Brussels, [Belgium](#).

Field: [ENVIRONMENT/ECOLOGY](#)

42 Citations: 503 

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](#)

43 Citations: 498 

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](#)

44 Citations: 495 

WEB OF SCIENCE

Title: GLOBAL DISTRIBUTION OF PERFLUOROOCCTANE 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](#)

45 Citations: 494 

WEB OF SCIENCE

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](#)

46 Citations: 492 

WEB OF SCIENCE

Title: ESTIMATES OF THE ANNUAL NET CARBON AND WATER EXCHANGE OF FORESTS: THE EUROFLUX METHODOLOGY

Authors: [AUBINET M](#); [GRELLA 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](#).
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[DLO](#), Winand Staring Ctr, NL-6700 AC Wageningen, [Netherlands](#).
[INRA](#), Unite Ecophysiol Forestiere, F-54280 Seichamps, [France](#).
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[Max Planck Inst Biogeochem](#), D-07701 Jena, [Germany](#).
[Univ Tuscia](#), DISAFRI, I-01100 Viterbo, [Italy](#).

Field: [ENVIRONMENT/ECOLOGY](#)

47 Citations: 491 

RESEARCH FRONT

COMMENTARY

WEB OF SCIENCE

Title: NOVEL METHODS IMPROVE PREDICTION OF SPECIES' DISTRIBUTIONS FROM OCCURRENCE DATA

Authors: [ELITH J](#); [GRAHAM CH](#); [ANDERSON RP](#); [DUDIK M](#); [FERRIER S](#); [GUISAN A](#); [HIJMANS RJ](#); [HUETTMANN F](#); [LEATHWICK JR](#); [LEHMANN A](#); [LI J](#); [LOHMANN LG](#); [LOISELLE BA](#); [MANION G](#); [MORITZ C](#); [NAKAMURA M](#); [NAKAZAWA Y](#); [OVERTON JM](#); [PETERSON AT](#); [PHILLIPS SJ](#); [RICHARDSON K](#); [SCACHETTI-PEREIRA R](#); [SCHAPIRE RE](#); [SOBERON J](#); [WILLIAMS S](#); [WISZ MS](#); [ZIMMERMANN NE](#)

Source: [ECOGRAPHY](#) 29 (2): 129-151 APR 2006

Addresses: [Univ Melbourne](#), Sch Bot, Parkville, Vic 3010, [Australia](#).
[SUNY Stony Brook](#), Dept Ecol & Evolut, Stony Brook, NY 11794 USA.
[CUNY City Coll](#), New York, NY 10031 USA.
[Princeton Univ](#), Princeton, NJ 08544 USA.
Dept Environm & Conservat, Armidale, NSW, [Australia](#).
[Univ Lausanne](#), CH-1015 Lausanne, [Switzerland](#).
[Univ Calif Berkeley](#), Berkeley, CA 94720 USA.
[Univ Alaska Fairbanks](#), Fairbanks, AK USA.
NIWA, Hamilton, [New Zealand](#).
[Swiss Ctr Faunal Cartog](#), Neuchatel, [Switzerland](#).
CSIRO Atherton, Atherton, Qld, [Australia](#).
[Univ Sao Paulo](#), BR-05508 Sao Paulo, [Brazil](#).
[Univ Missouri](#), St Louis, MO 63121 USA.
CIMAT, Mexico City, DF, [Mexico](#).
[Univ Kansas](#), Lawrence, KS 66045 USA.
[Landcare Res](#), Hamilton, [New Zealand](#).
[AT&T Labs Res](#), Florham Pk, NJ USA.
[McGill Univ](#), Montreal, PQ H3A 2T5, [Canada](#).
[James Cook Univ N Queensland](#), Townsville, Qld 4811, [Australia](#).
[Natl Environm Res Inst](#), Roskilde, [Denmark](#).
[Swiss Fed Res Inst WSL](#), Birmensdorf, [Switzerland](#).

Field: [ENVIRONMENT/ECOLOGY](#)

48 Citations: 489 

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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[Univ Alaska](#), Inst Arctic Biol, Fairbanks, AK 99775 USA.
[Vrije Univ Amsterdam](#), Inst Ecol Sci, Dept Syst Ecol, NL-1081 HV Amsterdam, [Netherlands](#).
[Univ Zurich](#), Inst Umwelwissensch, Zurich, [Switzerland](#).
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[Univ Wisconsin](#), Dept Biol, Eau Claire, WI 54702 USA.
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[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](#)

49 Citations: 486 

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](#)

50 Citations: 482 

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](#)

51 Citations: 477 

COMMENTARY

WEB OF SCIENCE

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](#)

52 **Citations:** 476 

RESEARCH FRONT

WEB OF SCIENCE

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](#)

53 **Citations:** 473 

WEB OF SCIENCE

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](#)

54 **Citations:** 470 

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.

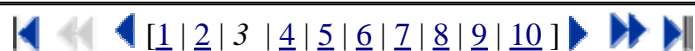
Illinois State Water Survey, Champaign, IL 61820 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

55 Citations: 468 **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: 468 **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: 464 **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](#)58 Citations: 457 **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](#)

59 Citations: 456 **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](#)60 Citations: 450 **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](#)

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