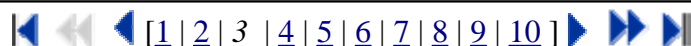




HIGHLY CITED PAPERS IN ENVIRONMENT/ECOLOGY

Sorted by: Citations

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41 Citations: 528

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Title: OUR EVOLVING CONCEPTUAL MODEL OF THE COASTAL EUTROPHICATION PROBLEM**Authors:** [CLOERN JE](#)**Source:** [MAR ECOL-PROGR SER](#) 210: 223-253 2001**Addresses:** [US Geol Survey](#), 345 Middlefield Rd, MS496, Menlo Park, CA 94025 USA.
[US Geol Survey](#), Menlo Park, CA 94025 USA.**Field:** [ENVIRONMENT/ECOLOGY](#)

42 Citations: 527

WEB OF SCIENCE

Title: ON THE ORIGIN OF SPECIES BY SYMPATRIC SPECIATION**Authors:** [DIECKMANN U](#); [DOEBELI M](#)**Source:** [NATURE](#) 400 (6742): 354-357 JUL 22 1999**Addresses:** [Int Inst Appl Syst Anal](#), Adapt Dynam Network, A-2361 Laxenburg, [Austria](#).
[Univ Basel](#), Inst Zool, CH-4051 Basel, [Switzerland](#).**Field:** [ENVIRONMENT/ECOLOGY](#)

43 Citations: 514

COMMENTARY

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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](#)

44 Citations: 511

WEB OF SCIENCE

Title: CLIMATE CHANGE, HUMAN IMPACTS, AND THE RESILIENCE OF CORAL REEFS**Authors:** [HUGHES TP](#); [BAIRD AH](#); [BELLWOOD DR](#); [CARD M](#); [CONNOLLY SR](#); [FOLKE C](#);
[GROSBERG R](#); [HOEGH-GULDBERG O](#); [JACKSON JBC](#); [KLEYPAS J](#); [LOUGH JM](#);
[MARSHALL P](#); [NYSTROM M](#); [PALUMBI SR](#); [PANDOLFI JM](#); [ROSEN B](#);

ROUGHGARDEN J

Source: [SCIENCE](#) 301 (5635): 929-933 AUG 15 2003

Addresses: [James Cook Univ](#), Ctr Coral Reef Biodivers, Townsville, Qld 4811, [Australia](#).
[Environm Protect Agcy](#), Old Quarantine Stn, Townsville, Qld 4810, [Australia](#).
[Stockholm Univ](#), Dept Syst Ecol, SE-10691 Stockholm, [Sweden](#).
[Univ Calif Davis](#), Ctr Populat Biol, Div Biol Sci, Sect Ecol & Evolut, Davis, CA 95616 USA.
[Univ Queensland](#), Ctr Marine Studies, St Lucia, Qld, [Australia](#).
[Univ Calif San Diego](#), Scripps Inst Oceanog, La Jolla, CA 92093 USA.
[Smithsonian Trop Res Inst](#), Balboa, [Panama](#).
[Natl Ctr Atmospher Res](#), Boulder, CO 80307 USA.
[Australian Inst Marine Sci](#), Townsville, Qld 4810, [Australia](#).
Great Barrier Reef Marine Pk Author, Townsville, Qld 4810, [Australia](#).
[Stanford Univ](#), Hopkins Marine Stn, Dept Biol Sci, Pacific Grove, CA 93950 USA.
[Smithsonian Inst](#), Dept Paleobiol, Natl Museum Nat Hist, Washington, DC 20013 USA.
[Nat Hist Museum](#), Dept Zool, London SW7 5BD, [England](#).
[Stanford Univ](#), Dept Biol Sci, Stanford, CA 94305 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

45 Citations: 507 

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](#)

46 Citations: 499 

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

47 Citations: 485 

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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](#)
- 48 **Citations:** 480  [RESEARCH FRONT](#) [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](#)
- 49 **Citations:** 477  [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.
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Natureserve, Monteverde, Puntarenas, [Costa Rica](#).
[Conservat Int](#), Ctr Appl Biodivers Sci, Washington, DC 20036 USA.
- Field:** [ENVIRONMENT/ECOLOGY](#)
- 50 **Citations:** 477  [WEB OF SCIENCE](#)
- Title:** ESTIMATES OF THE ANNUAL NET CARBON AND WATER EXCHANGE OF FORESTS: THE EUROFLUX METHODOLOGY
- Authors:** [AUBINET M](#); [GRELLE 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](#).
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[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](#)

51 Citations: 477 

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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](#)

52 Citations: 476 

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Title: BEHAVIOR AND OCCURRENCE OF ESTROGENS IN MUNICIPAL SEWAGE TREATMENT PLANTS - I. INVESTIGATIONS IN GERMANY, CANADA AND BRAZIL

Authors: [TERNES TA](#); [STUMPF M](#); [MUELLER J](#); [HABERER K](#); [WILKEN RD](#); [SERVOS M](#)

Source: [SCI TOTAL ENVIR](#) 225 (1-2): 81-90 JAN 12 1999

Addresses: [ESWE](#), Inst Water Res & Water Technol, Soehnleinstr 158, D-65201 Wiesbaden, [Germany](#).
[ESWE](#), Inst Water Res & Water Technol, D-65201 Wiesbaden, [Germany](#).
[Natl Water Res Inst](#), Burlington, ON L7R 4A6, [Canada](#).

Field: [ENVIRONMENT/ECOLOGY](#)

53 Citations: 475 

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](#)

54 Citations: 470 

COMMENTARY

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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: 466 

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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](#)

56 Citations: 462 

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](#); [NINEMETS 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.
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[Vrije Univ Amsterdam](#), Inst Ecol Sci, Dept Syst Ecol, NL-1081 HV Amsterdam, [Netherlands](#).
[Univ Zurich](#), Inst Umwelwissensch, Zurich, [Switzerland](#).
[Univ Illes Balears](#), Dept Biol, Lab Fisiol Vegetal, Palma de Mallorca 07122, Illes Balears, [Spain](#).
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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](#)

57 Citations: 459 

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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](#)

58 Citations: 456 

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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.
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59 Citations: 455 

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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](#)

60 Citations: 453 

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

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