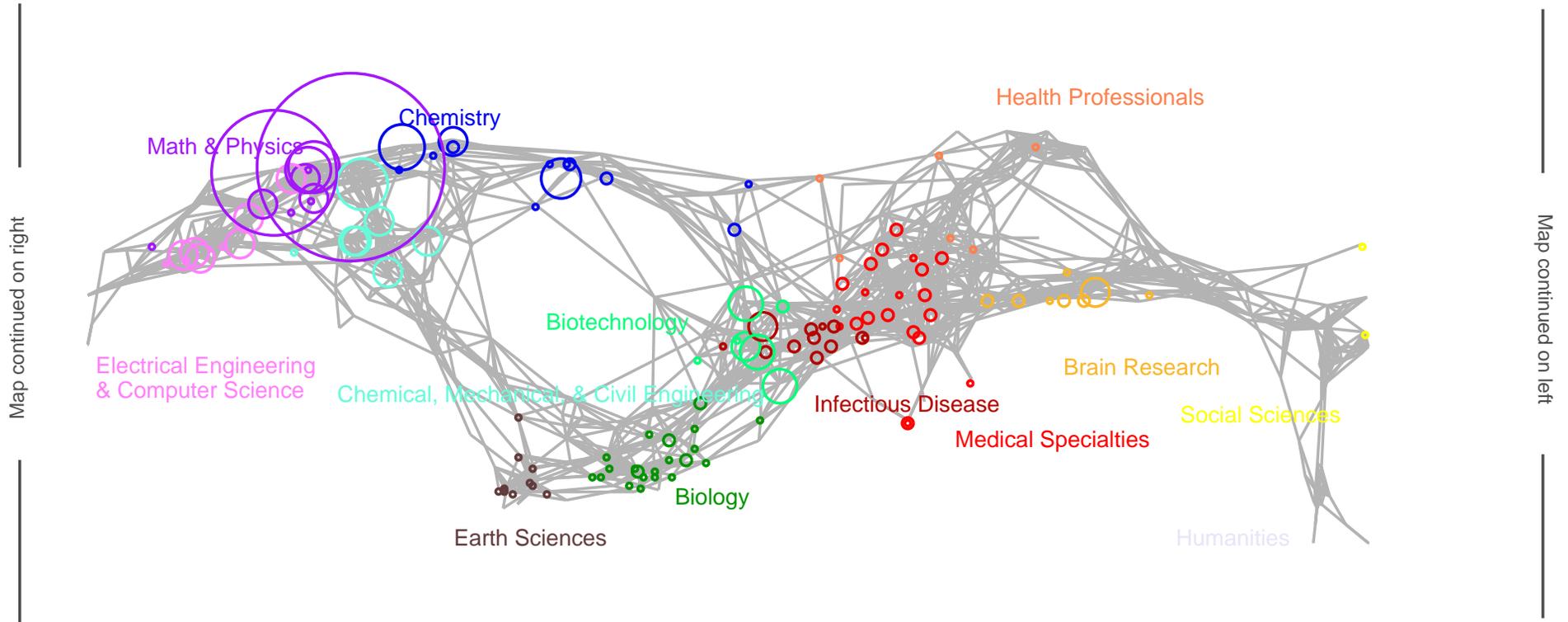


# Topical Visualization

Generated from AlessandroVespignani.isi

23 out of 26 publications were mapped to 128 subdisciplines and 12 disciplines.

April 24, 2012 | 02:43 PM EDT



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Map updated by SciTech Strategies, OST, and CNS in 2011.

## Legend

Circle area: Fractional Journal Count

Unclassified = 3

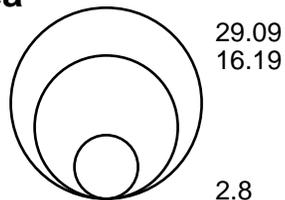
Minimum = 0

Maximum = 41

Color: Discipline

See end of PDF for color legend.

## Area



## How To Read This Map

The *UCSD map of science* depicts a network of 554 subdiscipline nodes that are aggregated to 13 main disciplines of science. Each discipline has a distinct color and is labeled. Overlaid are circles, each representing all records per unique subdiscipline. Circle area is proportional to the number of fractionally assigned records. Minimum and maximum data values are given in the legend.

NIH's Reporter Web site ([projectreporter.nih.gov](http://projectreporter.nih.gov)), NETE & CNS ([cns.iu.edu](http://cns.iu.edu))

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## ■ Biotechnology

- 1 NATURE BIOTECHNOLOGY
- 1 NATURE GENETICS
- 1 PROTEOMICS

## ■ Chemical, Mechanical, & Civil Engineering

- 2 MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIA...

## ■ Chemistry

- 1 COMPUTER PHYSICS COMMUNICATIONS

## ■ Math & Physics

- 1 BRAZILIAN JOURNAL OF PHYSICS
- 2 CHAOS SOLITONS & FRACTALS
- 1 COMPLEXITY
- 10 EUROPEAN PHYSICAL JOURNAL B
- 7 EUROPHYSICS LETTERS
- 2 INTERNATIONAL JOURNAL OF MODERN PHYSICS B
- 3 JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL
- 1 JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT
- 1 JOURNAL OF STATISTICAL PHYSICS
- 2 NATURE PHYSICS
- 7 PHYSICA A
- 3 PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS
- 20 PHYSICAL REVIEW LETTERS
- 1 REVIEWS OF MODERN PHYSICS

## Multiple Categories

- 1 JOURNAL OF THEORETICAL BIOLOGY
- 2 NATURE
- 24 PHYSICAL REVIEW E
- 2 PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE ...

## Unclassified

- 1 ALGORITHMS AND MODELS FOR THE WEB-GRAPHS, PROCEEDINGS
- 1 COMBINATORIAL AND ALGORITHMIC ASPECTS OF NETWORKING
- 3 FRACTALS-AN INTERDISCIPLINARY JOURNAL ON THE COMPLEX GE...