

#### Cluster 1:

##### Top Documents for Cluster 1

Regulated Cleavage of a Contact-Mediated Axon Repellent  
Positional Syntenic Cloning and Functional Characterization of the  
Mammalian Circadian Mutation tau  
Comparative Genomics of the Eukaryotes  
Immune Inhibitory Receptors  
Regulation of STAT3 by Direct Binding to the Rac1 GTPase  
Noxa, a BH3-Only Member of the Bcl-2 Family and Candidate Mediator of  
p53-Induced Apoptosis  
Fas Preassociation Required for Apoptosis Signaling and Dominant  
Inhibition by Pathogenic Mutations  
Signaling and Circuitry of Multiple MAPK Pathways Revealed by a Matrix  
of Global Gene Expression Profiles  
Role of the Mouse ank Gene in Control of Tissue Calcification and  
Arthritis  
Crystal Structure of the Ribonucleoprotein Core of the Signal  
Recognition Particle

##### Top Words for Cluster 1

-terminus  
-cooh  
-nh2  
-inhibitor  
-affinity  
-incubated  
-binds  
-specificity  
-regulate  
-kinase

This cluster contains 120 word(s)

#### Cluster 2:

##### Top Documents for Cluster 2

Why Stem Cells?  
Communication through a Diffusive Medium: Coherence and Capacity  
Scientific Whaling: Source of Illegal Products for Market?  
Coaxing Molecular Devices to Build Themselves  
Social Mentalizing Abilities in Mental Patients  
Physical Hazards of Tailings Dams  
Blitzkrieg against the Moas  
A Brief History of Polio Vaccines  
Dialog on Depression  
Health Care in Former Soviet Republics

##### Top Words for Cluster 2

-suggestion

This cluster contains 1 word(s)

### Cluster 3:

#### Top Documents for Cluster 3

Status and Improvements of Coupled General Circulation Models  
Sedimentary Rocks of Early Mars  
Climate Extremes: Observations, Modeling, and Impacts  
Rapid Changes in the Hydrologic Cycle of the Tropical Atlantic during the Last Glacial  
A 22,000-Year Record of Monsoonal Precipitation from Northern Chile's Atacama Desert  
Coherent High- and Low-Latitude Climate Variability during the Holocene Warm Period  
Internal Structure and Early Thermal Evolution of Mars from Mars Global Surveyor Topography and Gravity  
Cool Glacial Temperatures and Changes in Moisture Source Recorded in Oman Groundwaters  
Climate Impact of Late Quaternary Equatorial Pacific Sea Surface Temperature Variations  
Causes of Climate Change over the past 1000 Years

#### Top Words for Cluster 3

- interglacial
- clim
- volcanism
- upwelling
- interannual
- decadal
- tectonics
- convective
- chronology
- moisture

This cluster contains 384 word(s)

### Cluster 4:

#### Top Documents for Cluster 4

A Mouse Chronology  
Atom-Scale Research Gets Real  
Meltdown on Long Island  
Help Needed to Rebuild Science in Yugoslavia  
Presidential Forum: Gore and Bush Offer Their Views on Science  
I'd like to See America Used as a Global Lab  
Silent No Longer: 'Model Minority' Mobilizes  
Soft Money's Hard Realities  
Clones: A Hard Act to Follow  
Ecologists on a Mission to Save the World

#### Top Words for Cluster 4

- recalls
- clinton
- fight

- prize
- spending
- hes
- rights
- pay
- chair
- told

This cluster contains 472 word(s)

#### Cluster 5:

Top Documents for Cluster 5

NEAR at Eros: Imaging and Spectral Results

Internal Structure and Early Thermal Evolution of Mars from Mars

Global Surveyor Topography and Gravity

The Atom-Cavity Microscope: Single Atoms Bound in Orbit by Single Photons

Signature of Superfluid Density in the Single-Particle Excitation Spectrum of  $\text{Bi}_2\text{Sr}_2\text{CaCu}_{20}\{8+\delta\}$

Advances in the Physics of High-Temperature Superconductivity

Sediments at the Top of Earth's Core

Earth's Core and the Geodynamo

Blue-Fluorescent Antibodies

Self-Mode-Locking of Quantum Cascade Lasers with Giant Ultrafast Optical Nonlinearities

Climate Extremes: Observations, Modeling, and Impacts

Top Words for Cluster 5

- vertical
- dashed
- parameters
- intensity
- estimate
- volume
- decrease
- magnitude
- peak
- maximum

This cluster contains 89 word(s)

#### Cluster 6:

Top Documents for Cluster 6

Advances in the Physics of High-Temperature Superconductivity

Quantum Criticality: Competing Ground States in Low Dimensions

The Atom-Cavity Microscope: Single Atoms Bound in Orbit by Single Photons

Orbital Physics in Transition-Metal Oxides

Negative Poisson's Ratios for Extreme States of Matter

Generating Solitons by Phase Engineering of a Bose-Einstein Condensate

The Galactic Center: An Interacting System of Unusual Sources

Self-Mode-Locking of Quantum Cascade Lasers with Giant Ultrafast Optical Nonlinearities

NEAR at Eros: Imaging and Spectral Results

The Formation and Early Evolution of the Milky Way Galaxy

Top Words for Cluster 6

- excitations
- coherence
- resonant
- anisotropic
- electrostatic
- disordered
- fermi
- doped
- anisotropy
- orientations

This cluster contains 600 word(s)

Cluster 7:

Top Documents for Cluster 7

Isotopic Dating of Strain Fringe Increments: Duration and Rates of Deformation in Shear Zones

Facile Detection of Mitochondrial DNA Mutations in Tumors and Bodily Fluids

Evidence for the Evolution of Bdelloid Rotifers without Sexual Reproduction or Genetic Exchange

Efficient Activation of Aromatic C-H Bonds for Addition to C-C Multiple Bonds

Formation of Cyclic Water Hexamer in Liquid Helium: The Smallest Piece of Ice

A Drosophila Complementary DNA Resource

A Subset of Viral Transcripts Packaged within Human Cytomegalovirus Particles

A Neural Basis for General Intelligence

Density of Phonon States in Iron at High Pressure

Genetic Suppression of Polyglutamine Toxicity in Drosophila

Top Words for Cluster 7

- corresponding

This cluster contains 1 word(s)

Cluster 8:

Top Documents for Cluster 8

Central Role for G Protein-Coupled Phosphoinositide 3-Kinase  $\gamma$  in Inflammation

Noxa, a BH3-Only Member of the Bcl-2 Family and Candidate Mediator of p53-Induced Apoptosis

Function of PI3K $\gamma$  in Thymocyte Development, T Cell Activation, and Neutrophil Migration

Role of the Mouse ank Gene in Control of Tissue Calcification and Arthritis  
Kinesin Superfamily Motor Protein KIF17 and mLin-10 in NMDA Receptor-Containing Vesicle Transport  
An Oral Vaccine against NMDAR1 with Efficacy in Experimental Stroke and Epilepsy  
Positional Syntenic Cloning and Functional Characterization of the Mammalian Circadian Mutation tau  
Requirement of JNK for Stress-Induced Activation of the Cytochrome c-Mediated Death Pathway  
Comparative Genomics of the Eukaryotes  
Immune Inhibitory Receptors

#### Top Words for Cluster 8

-org  
-sciencemag  
-vol  
-lacz  
-bcl  
-introns  
-myc  
-elisa  
-p21  
-cdnas

This cluster contains 878 word(s)

#### Cluster 9:

##### Top Documents for Cluster 9

National Academy of Sciences Elects New Members  
Corrections and Clarifications: Timing the Ancestor of the HIV-1 Pandemic Strains  
Corrections and Clarifications: Absorbing Phenomena  
Biological Control of Invading Species  
Corrections and Clarifications: Marking Time for a Kingdom  
Corrections and Clarifications: 'Faster, Cheaper, Better' on Trial  
Corrections and Clarifications: Close Encounters: Details Veto Depth from Shadows  
Algorithmic Gladiators Vie for Digital Glory  
Corrections and Clarifications: A Short Fe-Fe Distance in Peroxodiferric Ferritin: Control of Fe Substrate versus Cofactor Decay?  
Corrections and Clarifications: Charon's First Detailed Spectra Hold Many Surprises

#### Top Words for Cluster 9

-aptamers  
-lcts  
-dnag  
-trxr

- doxy
- proteorhodopsin
- neas
- nomp
- rory
- lg268

This cluster contains 2820 word(s)

#### Cluster 10:

Top Documents for Cluster 10

An Oral Vaccine against NMDAR1 with Efficacy in Experimental Stroke and Epilepsy

Genes Expressed in Human Tumor Endothelium

Noxa, a BH3-Only Member of the Bcl-2 Family and Candidate Mediator of p53-Induced Apoptosis

Interacting Molecular Loops in the Mammalian Circadian Clock

Central Role for G Protein-Coupled Phosphoinositide 3-Kinase  $\gamma$  in Inflammation

Impaired Nociception and Pain Sensation in Mice Lacking the Capsaicin Receptor

Signaling and Circuitry of Multiple MAPK Pathways Revealed by a Matrix of Global Gene Expression Profiles

Hematopoietic Stem Cell Quiescence Maintained by  $\text{p21}^{\text{cip1/waf1}}$

Function of GATA Transcription Factors in Preadipocyte-Adipocyte Transition

Function of PI3K $\gamma$  in Thymocyte Development, T Cell Activation, and Neutrophil Migration

Top Words for Cluster 10

- natl
- acad
- start
- proc
- chem
- mol
- arrows
- rev
- confirmed
- bars

This cluster contains 111 word(s)