

Cluster 1:

Top Words for Cluster 1

gene
genes
visual
cells
issue
investigators
page
cortex
cell
neurons

Top Titles for Cluster 1

-Thermal, Catalytic, Regiospecific Functionalization of Alkanes
-Influences of Dietary Uptake and Reactive Sulfides on Metal Bioavailability from Aquatic Sediments
-How to Get along: Friendly Microbes in a Hostile World
-Is Bigger Better in Cricket?
-Neutral, Single-Component Nickel (II) Polyolefin Catalysts That Tolerate Heteroatoms
-Mothers Setting Boundaries
-Requirement of NAD and SIR2 for Life-Span Extension by Calorie Restriction in *Saccharomyces Cerevisiae*
-Homogenization of Fish Faunas across the United States
-Similar Requirements of a Plant Symbiont and a Mammalian Pathogen for Prolonged Intracellular Survival
-Evidence for Ecological Causation of Sexual Dimorphism in a Hummingbird
This cluster contains 240 article(s)

Cluster 2:

Top Words for Cluster 2

residues
crystal
structural
structure
binding
helix
bond
protein
conserved
residue

Top Titles for Cluster 2

-Structure of Yeast Poly(A) Polymerase Alone and in Complex with 3'-dATP
-Structure of Murine CTLA-4 and Its Role in Modulating T Cell Responsiveness

-Structure of the S15,S6,S18-rRNA Complex: Assembly of the 30S Ribosome Central Domain
-Atomic Structure of PDE4: Insights into Phosphodiesterase Mechanism and Specificity
-Twists in Catalysis: Alternating Conformations of Escherichia coli Thioredoxin Reductase
-The Productive Conformation of Arachidonic Acid Bound to Prostaglandin Synthase
-Redox Signaling in Chloroplasts: Cleavage of Disulfides by an Iron-Sulfur Cluster
-Convergent Solutions to Binding at a Protein-Protein Interface
-Structure of the Protease Domain of Memapsin 2 (b-Secretase) Complexed with Inhibitor
-Structure and Function of a Human $TAF_{II}250$ Double Bromodomain Module
This cluster contains 38 article(s)

Cluster 3:

Top Words for Cluster 3

says
researchers
scientists
just
people
year
get
years
last
research

Top Titles for Cluster 3

-Africa Boosts AIDS Vaccine R&D
-Clinton's Science Legacy: Ending on a High Note
-Stephen Straus's Impossible Job
-A Renewed Assault on an Old and Deadly Foe
-South Africa's New Enemy
-The Boom in Biosafety Labs
-Stalking the Wild Mustard
-A Deluge of Patents Creates Legal Hassles for Research
-Working in the Hot Zone: Galveston's Microbe Hunters
-Against All Odds, Victories from the Front Lines
This cluster contains 94 article(s)

Cluster 4:

Top Words for Cluster 4

energy
fig
electron
shows

density
measured
constant
order
structure
temperature

Top Titles for Cluster 4

- The Formation of Chondrules at High Gas Pressures in the Solar Nebula
- Synthesis and Characterization of Helical Multi-Shell Gold Nanowires
- Ambipolar Pentacene Field-Effect Transistors and Inverters
- A Stable Bicyclic Compound with Two Si=Si Double Bonds
- How to Power a Nanomotor
- A Cyclic Carbanionic Valence Isomer of a Carbocation: Diphosphino
Analogues of Diaminocarocations
- Graphical Evolution of the Arnold Web: From Order to Chaos
- High-Gain Harmonic-Generation Free-Electron Laser
- Viscosity Mechanisms in Accretion Disks
- Prospects for the Polymer Nanoengineer

This cluster contains 209 article(s)

Cluster 5:

Top Words for Cluster 5

mating
albicans
mtl
mtla
strains
locus
lane
sexual
cerevisiae
diploid

Top Titles for Cluster 5

- Evidence for Mating of the Asexual Yeast *Candida albicans* in a
Mammalian Host
- Induction of Mating in *Candida albicans* by Construction of MTLA and
MTLa Strains

This cluster contains 2 article(s)

Cluster 6:

Top Words for Cluster 6

mail
years
news
scientists
research
scientific

world
sciences
compass
national

Top Titles for Cluster 6

- Reopening the Darkest Chapter in German Science
 - Algorithmic Gladiators Vie for Digital Glory
 - National Academy of Sciences Elects New Members
 - Information Technology Takes a Different Tack
 - 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
 - Corrections and Clarifications: Unearthing Monuments of the Yarmukians
 - "Archaeology in the Holy Land
 - Heretical Idea Faces Its Sternest Test
 - Corrections and Clarifications: Marking Time for a Kingdom
- This cluster contains 350 article(s)

Cluster 7:

Top Words for Cluster 7

aptamer
aptamers
ligand
nucleic
arginine
rna
complexes
ligands
hydrogen
rnas

Top Titles for Cluster 7

- Adaptive Recognition by Nucleic Acid Aptamers
- This cluster contains 1 article(s)

Cluster 8:

Top Words for Cluster 8

ppy
polymer
conjugated
devices
polymers
bilayer
patterning
patterned

electrode
layer

Top Titles for Cluster 8

–Microfabricating Conjugated Polymer Actuators

This cluster contains 1 article(s)

Cluster 9:

Top Words for Cluster 9

cells
protein
cell
expression
gene
proteins
expressed
fig
wild
specific

Top Titles for Cluster 9

–Distinct Classes of Yeast Promoters Revealed by Differential TAF Recruitment

–Coupling of Stress in the ER to Activation of JNK Protein Kinases by Transmembrane Protein Kinase IRE1

–An Anti-Apoptotic Role for the p53 Family Member, p73, during Developmental Neuron Death

–Disruption of Signaling by Yersinia Effector YopJ, a Ubiquitin-like Protein Protease

–Requirement of the RNA Editing Deaminase ADAR1 Gene for Embryonic Erythropoiesis

–Impaired Prion Replication in Spleens of Mice Lacking Functional Follicular Dendritic Cells

–A Role for Histone Acetylation in the Developmental Regulation of V(D)J Recombination

–CD95/CD95 Ligand Interactions on Epithelial Cells in Host Defense to Pseudomonas aeruginosa

–Severely Reduced Female Fertility in CD9-Deficient Mice

–Regulation of B Lymphocyte and Macrophage Development by Graded Expression of PU.1

This cluster contains 280 article(s)

Cluster 10:

Top Words for Cluster 10

values
estimates
global
years
north

estimate
lower
range
period
average

Top Titles for Cluster 10

- Population Dynamical Consequences of Climate Change for a Small Temperate Songbird
 - Reconstruction of the Amazon Basin Effective Moisture Availability over the past 14,000 Years
 - Greenland Ice Sheet: High-Elevation Balance and Peripheral Thinning
 - Isotopic Evidence for Variations in the Marine Calcium Cycle over the Cenozoic
 - Mass Balance of the Greenland Ice Sheet at High Elevations
 - Rapid Kimberlite Ascent and the Significance of Ar-Ar Ages in Xenolith Phlogopites
 - Glacial Climate Instability
 - Variable Carbon Sinks
 - The Role of the Southern Ocean in Uptake and Storage of Anthropogenic Carbon Dioxide
 - Remobilization in the Cratonic Lithosphere Recorded in Polycrystalline Diamond
- This cluster contains 158 article(s)