

GSA TODAY Google Analytics and Google Scholar Report -- Last Updated Jan. 2016

Total citations for *GSA Today* science articles per year as of Jan. 2016

2015	6
2014	67
2013	108
2012	249
2011	387
2010	402
2009	254
2008	1266
2007	572
2006	687
2005	893
2004	1159
2003	1081
2002	1013
2001	1615
2000	1182
1999	1028
1998	958
1997	1660
1996	528
1995	510
1994	361
1993	199
1992	568
1991	186

Total **16939**

See pages for each year for details

Page Views for *GSA Today* science articles as of Jan. 2016

Google Analytics data for full-article HTML files only (PDFs not tracked)

2015	8850
2014	48782
2013	21578
2012	54512
2011	45650
2010	38356
2009	21485

TOTAL 239213 Totals are cumulative

(Note: Analytics data were not recorded prior to 2009.)

See pages for each year for details

Year-month	Authors/Article	Cites	HTML page views
2015-Dec	Rebecca N. Greenberger et al., Imaging spectroscopy of geological samples and outcrops: Novel insights from microns to meters	0	471
2015-Nov	Robert S. Hildebrand, Dismemberment and northward migration of the Cordilleran orogen: Baja-BC resolved	0	863
2015-Oct	Montana S. Hodges and George D. Stanley Jr., North American coral recovery after the end-Triassic mass extinction, New York Canyon, Nevada, USA	0	376
2015-Sep	no science article	n/a	n/a
2015-Aug	Benjamin DeJong, Pleistocene relative sea levels in the Chesapeake Bay region and their implications for the next century	0	3369
2015-July	Fariba Kargaranbafghi and Franz Neubauer, Lithospheric thinning associated with formation of a metamorphic core complex and subsequent formation of the Iranian plateau	3	258
2015-June	Kathleen C. Benison and Brenda B. Bowen, The evolution of end-member continental waters: The origin of acidity in southern Western Australia	0	296
2015-May	Donatella de Rita and Chrystina Häuber, The smart city develops on geology: Comparing Rome and Naples	0	759
2015-Mar/Apr	Matthew W. Hughes et al., The sinking city: Earthquakes increase flood hazard in Christchurch, New Zealand	2	2054
2015-Feb	Xiaobo Tian, M. Santosh, Fossilized lithospheric deformation revealed by teleseismic shear wave splitting in eastern China	1	404
2015-Jan	no science article	n/a	n/a
Totals		6	8850

Year-Month	Authors/Article	Cites	HTML page views
2014-Dec	Brad S. Singer et al., Dynamics of a large, restless, rhyolitic magma system at Laguna del Maule, southern Andes, Chile	4	2761
2014-Nov	Richard A. Becker et al., Preexisting fractures and the formation of an iconic American landscape: Tuolumne Meadows, Yosemite National Park, USA	3	1090
2014-Oct	Jeffrey A. Coe et al., New insights into debris-flow hazards from an extraordinary event in the Colorado Front Range	3	1546
2014-Sep	Paul R. Bierman et al., A cosmogenic view of erosion, relief generation, and the age of faulting in southern Africa	11	720
2014-Aug	Donald T. Rodbell et al., The heavy metal contamination of Lake Junín National Reserve, Peru: An unintended consequence of the juxtaposition of hydroelectricity and mining	0	721
2014-July	H.L. Petcovic et al., Geoscientists' perceptions of the value of undergraduate field education	9	1082
2014-June	Patricia L. Corcoran et al., An anthropogenic marker horizon in the future rock record	18	30,598
2014-Apr/May	E.H. Parker Jr., Crustal magnetism, tectonic inheritance, and continental rifting in the southeastern United States	1	1375
2014-Mar	no science article	–	–
2014-Feb	Lorena Moscardelli, Boulders of the Vastitas Borealis Formation: Potential origin and implications for an ancient martian ocean	0	1709
2014-Jan	Kristine L. Pankow et al., Massive landslide at Utah copper mine generates wealth of geophysical data	18	7180
Totals		67	48782

Year-month	Authors/Article	Cites	HTML page views
2013-Dec	Scott P. Hippensteel, The geological legacy of Hurricane Irene: Implications for the fidelity of the paleo-storm record	6	711
2013-Nov	James W. Sears, Late Oligocene–early Miocene Grand Canyon: A Canadian connection?	5	3311
2013-Oct	Grant M. Young, Evolution of Earth’s climatic system: Evidence from ice ages, isotopes, and impacts	5	3047
2013-Sep	N. Noffke and S.M. Awramik, Stromatolites and MISS—Differences between relatives	20	2404
2013-Aug	no science article	–	–
2013-July	no science article	–	–
2013-June	Kieren D. O’Hara and E.K. Esawi, Model for the eruption of the Old Faithful geyser, Yellowstone National Park	4	2848
2013-Apr/May	no science article	–	–
2013-Mar	Jan Zalasiewicz et al., Chronostratigraphy and geochronology: A proposed realignment	8	3278
2013-Feb	Sean F. Gallen et al., Miocene rejuvenation of topographic relief in the southern Appalachians	43	3650
2013-Jan	James P. Syvitski and G. Robert Brakenridge, Causation and avoidance of catastrophic flooding along the Indus River, Pakistan	17	2329
Totals		108	21578

Year-month	Authors/Article	Cites	HTML page views
2012-Dec	Roger LeB. Hooke and José F. Martín-Duque, Land Transformation by Humans: A Review	74	15,264
2012-Nov	David R. Montgomery, The evolution of creationism	3	18,398
2012-Oct	Gabriel Veloza et al., Open-source archive of active faults for northwest South America	5	2695
2012-Sep	Guillaume Girard and John Stix, Future volcanism at Yellowstone caldera: Insights from geochemistry of young volcanic units and monitoring of volcanic unrest	9	4382
2012-Aug	Lorena Moscardelli et al., Deep-water polygonal fault systems as terrestrial analogs for large-scale Martian polygonal terrains	8	962
2012-July	G. Gutiérrez-Alonso et al., Buckling an orogen: The Cantabrian Orocline	28	1598
2012-June	Gregory J. Retallack and Joshua J. Roering, Wave-cut or water-table platforms of rocky coasts and rivers?	11	1350
2012-Apr/May	Simon E. Williams et al., An open-source software environment for visualizing and refining plate tectonic reconstructions using high-resolution geological and geophysical data sets	28	2299
2012-Mar	Todd A. LaMaskin, Detrital zircon facies of Cordilleran terranes in western North America	20	2381
2012-Feb	David L. Kidder and Thomas R. Worsley, A human-induced hothouse climate?	13	2543
2012-Jan	Alicia L. Stigall, Speciation collapse and invasive species dynamics during the Late Devonian "Mass Extinction"	50	2640
Totals		249	54,512

Year-month	Authors/Article	Cites	HTML page views
2011-Dec	Richard W. Saltus and Richard J. Blakely, Unique geologic insights from “non-unique” gravity and magnetic interpretation	13	3722
2011-Nov	Paul J. Umhoefer, Why did the Southern Gulf of California rupture so rapidly?—Oblique divergence across hot, weak lithosphere along a tectonically active margin	22	5375
2011-Oct	Ivo Lucchitta, A Miocene river in northern Arizona and its implications for the Colorado River and Grand Canyon	18	1019
2011-Sep	Seth Stein et al., Learning from failure: The SPREE Mid-Continent Rift Experiment	13	1981
	Karen B. Gran et al., Landscape evolution in south-central Minnesota and the role of geomorphic history on modern erosional processes	16	559
	Kenneth R. Bradbury and Anthony C. Runkel, Recent advances in the hydrostratigraphy of Paleozoic bedrock in the Midwestern United States	0	538
	Cathryn A. Manduca, Improving undergraduate geoscience education—A community endeavor	3	478
2011-Aug	Eric W. Portenga and Paul Bierman, Understanding Earth’s eroding surface with 10Be	115	4767
2011-July	Peter W. Reiners et al., Clinker geochronology, the first glacial maximum, and landscape evolution in the northern Rockies	5	576
2011-June	Philip T.C. Hammer et al., The big picture: A lithospheric cross section of the North American continent	8	3535
2011-Apr/May	Paul Kapp et al., Wind erosion in the Qaidam basin, central Asia: Implications for tectonics, paleoclimate, and the source of the Loess Plateau	52	2276
2011-Mar	Graham Shields-Zhou and Lawrence Och, The case for a Neoproterozoic Oxygenation Event: Geochemical evidence and biological consequences	57	3479
2011-Feb	Marshall Reiter and Richard M. Chamberlin, Alternative perspectives of crustal and upper mantle phenomena along the Rio Grande rift	5	910
2011-Jan	Tim K. Lowenstein et al., Microbial communities in fluid inclusions and long-term survival in halite	60	16,435
Totals		387	45650

Year-month	Authors/Article	Cites	HTML page views
2010-Dec	A. Krishna Sinha et al., Geoinformatics: Transforming data to knowledge for geosciences	7	6012
2010-Nov	Anthony C. Runkel et al., Tropical shoreline ice in the late Cambrian: Implications for Earth's climate between the Cambrian Explosion and the Great Ordovician Biodiversification Event	14	1359
2010-Oct	Keith A. Howard, Caldera collapse: Perspectives from comparing Galápagos volcanoes, nuclear-test sinks, sandbox models, and volcanoes on Mars	16	2431
2010-Sep	R.M. Russo et al., Subduction of the Chile Ridge: Upper mantle structure and flow	28	2804
2010-Aug	John E. Spencer, Structural analysis of three extensional detachment faults with data from the 2000 Space-Shuttle Radar Topography Mission	19	880
2010-July	Brian K. Horton, Resolving uplift of the northern Andes using detrital zircon age signatures	50	2537
2010-June	Hailiang Dong et al., Impacts of environmental change and human activity on microbial ecosystems on the Tibetan Plateau, NW China	12	3750
2010-Apr/May	Steven J. Whitmeyer et al., The digital revolution in geologic mapping	50	10,206
2010-Mar	R.W.H. Butler and D.A. Paton, Evaluating lateral compaction in deepwater fold and thrust belts: How much are we missing from "nature's sandbox"?	36	2404
2010-Feb	Robert C. Graham et al., Rock to regolith conversion: Producing hospitable substrates for terrestrial ecosystems	61	2588
2010-Jan	Jacques Malavieille, Impact of erosion, sedimentation, and structural heritage on the structure and kinematics of orogenic wedges: Analog models and case studies	109	3385
Totals		402	38356

Year-month	Authors/Article	Cites	HTML page views
2009-Dec	Edward B. Evenson et al., Enigmatic boulder trains, supraglacial rock avalanches, and the origin of "Darwin's boulders," Tierra del Fuego	10	1629
2009-Nov	Sherry L. Cady and Nora Noffke, Geobiology: Evidence for early life on Earth and the search for life on other planets	9	4086
2009-Oct	Laurence A. Coogan and Jay T. Cullen, Did natural reactors form as a consequence of the emergence of oxygenic photosynthesis during the Archean?	5	2957
2009-Sep	Russell C. Evarts et al., The Portland Basin: A (big) river runs through it	11	5635
2009-Aug	Duane G. Froese et al., The Klondike goldfields and Pleistocene environments of Beringia	28	1967
2009-July	Jon D. Pelletier, The impact of snowmelt on the late Cenozoic landscape of the southern Rocky Mountains, USA	19	1657
2009-June	Antony J. Long, Back to the future: Greenland's contribution to sea-level change	19	1583
2009-Apr/May	Thomas Servais et al., Understanding the Great Ordovician Biodiversification Event (GOBE): Influences of paleogeography, paleoclimate, or paleoecology?	74	917
2009-Mar	William R. Dickinson, Pacific Atoll Living: How Long Already and Until When?	60	649
2009-Feb	M.E. Räsänen et al., A shift from lithostratigraphic to allostratigraphic classification of Quaternary glacial deposits	19	405
2009-Jan	no science article	—	—
Totals		254	21485

Year-month	Authors/Article	Cites
2008-Dec	R. Damian Nance and Ulf Linnemann, The Rheic Ocean: Origin, Evolution, and Significance	80
2008-Nov	Paul T. Robinson et al., The significance of sheeted dike complexes in ophiolites	31
2008-Oct	Nora Noffke, Turbulent lifestyle: Microbial mats on Earth's sandy beaches—Today and 3 billion years ago	21
2008-Sep	David J. Bottjer et al., Understanding mechanisms for the end-Permian mass extinction and the protracted Early Triassic aftermath and recovery	83
2008-Aug	Scott A. Wright, Is there enough sand? Evaluating the fate of Grand Canyon sandbars	22
2008-July	B.C. Burchfiel et al., A geological and geophysical context for the Wenchuan earthquake of 12 May 2008, Sichuan, People's Republic of China	538
2008-June	Dante Canil, Canada's craton: A bottoms-up view	21
2008-Apr/May	Wayne Thatcher and Fred F. Pollitz, Temporal evolution of continental lithospheric strength in actively deforming regions	55
2008-Mar	Joel L. Pederson, The mystery of the pre-Grand Canyon Colorado River—Results from the Muddy Creek Formation	37
2008-Feb	Jan Zalasiewicz et al., Are we now living in the Anthropocene	378
2008-Jan	no science article	n/a
Total		1266

Year-month	Authors/Article	Cites
2007-Dec	Robert G. Raynolds et al., Earth history along Colorado's Front Range: Salvaging geologic data in the suburbs and sharing it with the citizens	7
2007-Nov	C.E. Bond et al., What do you think this is? "Conceptual uncertainty" in geoscience interpretation	120
2007-Oct	David R. Montgomery, Is agriculture eroding civilization's foundation?	22
2007-Sep	Nahid D.S. Gani et al., Blue Nile incision on the Ethiopian Plateau: Pulsed plateau growth, Pliocene uplift, and hominin evolution	48
2007-Aug	Jean-Daniel Stanley et al., Alexandria, Egypt, before Alexander the Great: A multidisciplinary approach yields rich discoveries	9
2007-July	P. Kapp et al., The Gangdese retroarc thrust belt revealed	79
2007-June	no science article	–
2007-Apr/May	Maurice Colpron et al., Northern Cordilleran terranes and their interactions through time	126
2007-Mar	J. Andrew Cooper et al., Fetch-limited barrier islands: Overlooked coastal landforms	10
2007-Feb	Richard J. Davies et al., Birth of a mud volcano: East Java, 29 May 2006	118
2007-Jan	Philip England et al., John Perry's neglected critique of Kelvin's age for the Earth: A missed opportunity in geodynamics	33
TOTAL		572

Year-month	Authors/Article	Cites
2006-Dec	Amy Leventer et al., Marine sediment record from the East Antarctic margin reveals dynamics of ice sheet recession	63
2006-Nov	Clark M. Johnson and Brian L. Beard, Fe isotopes: An emerging technique for understanding modern and ancient biogeochemical cycles	42
2006-Oct	Hubert Staudigel et al., Microbes and volcanoes: A tale from the oceans, ophiolites, and greenstone belts	54
2006-Sep	Steven A. Nelson and Suzanne F. Leclair, Katrina's unique splay deposits in a New Orleans neighborhood	20
2006-Aug	Kyle K. Nichols et al., Dates and rates of arid region geomorphic processes	36
2006-July	Peter A. Cawood et al., Precambrian plate tectonics: Criteria and evidence	132
2006-June	no science article	—
2006-Apr/May	M.L. Zoback, The 1906 earthquake and a century of progress in understanding earthquakes and their hazards	24
2006-Mar	Ana Christina Ravelo et al., Evidence for El Niño-like conditions during the Pliocene	87
2006-Feb	no science article	—
2006-Jan	E.B. Burov and A.B. Watts, The long-term strength of continental lithosphere: "jelly sandwich" or "crème brûlée"?	227
TOTAL		685

Year-month	Authors/Article	Cites
2005-Dec	Dennis L. Newell et al., Continental-scale links between the mantle and groundwater systems of the western United States: Evidence from travertine springs and regional He isotope data	50
2005-Nov	Victor A. Melezhik, Emergence of the aerobic biosphere during the Archean-Proterozoic transition: Challenges of future research	89
2005-Oct	Richard J. Davies and Henry W. Posamentier, Geologic processes in sedimentary basins inferred from three-dimensional seismic imaging	10
2005-Sep	Marin K. Clark et al., The non-equilibrium landscape of the southern Sierra Nevada, California	127
2005-Aug	Marjorie A. Chan et al., Red rock and red planet diagenesis: Comparisons of Earth and Mars concretions	52
2005-July	Yoshiyuki Tatsumi, The subduction factory: How it operates in the evolving Earth	138
2005-June	no science article	—
2005-Apr/May	Paul R. Bierman et al., Old images record landscape change through time	15
2005-Mar	David E. Fastovsky and Peter M. Sheehan, The extinction of the dinosaurs in North America	65
2005-Feb	Roy D. Hyndman et al., Subduction zone backarcs, mobile belts, and orogenic heat	256
2005-Jan	Gabriel M. Filippelli et al., Urban lead poisoning and medical geology: An unfinished story	91
TOTAL		893

Year-month	Authors/Article	Cites
2004-Dec	no science article	—
2004-Nov	David R. Montgomery, Geology, geomorphology, and the restoration ecology of salmon	33
2004-Oct	David A. Ferrill et al., Dilational fault slip and pit chain formation on Mars	47
2004-Sep	Ray Weldon et al., Wrightwood and the earthquake cycle: What a long recurrence record tells us about how faults work	203
2004-Aug	Matthew E. Pritchard and Mark Simons, Surveying Volcanic Arcs with Satellite Radar Interferometry: The Central Andes, Kamchatka, and Beyond	28
2004-July	D.J. White et al., Greenhouse gas sequestration in abandoned oil reservoirs: The International Energy Agency Weyburn pilot project	76
2004-June	no science article	—
2004-Apr/May	Allen F. Glazner et al., Are plutons assembled over millions of years by amalgamation from small magma chambers?	368
2004-Mar	Dana L. Royer et al., CO2 as a primary driver of Phanerozoic climate	378
2004-Feb	no science article	—
2004-Jan	Jean-Daniel Stanley et al., Submergence of ancient Greek cities off Egypt's Nile Delta—A cautionary tale	26
TOTAL		1159

Year-month	Authors/Article	Cites
2003-Dec	Lee Nordt et al., Terrestrial evidence for two greenhouse events in the latest Cretaceous	109
2003-Nov	Warren B. Hamilton, An alternative Earth	136
2003-Oct	Robert E. Criss, Mid-continental magnetic declination: A 200-year record starting with Lewis and Clark	3
2003-Sep	G.E. Gehrels et al., Initiation of the Himalayan orogen as an Early Paleozoic thin-skinned thrust belt	203
2003-Aug	Edwin L. Harp, Landslides and liquefaction Triggered by the M7.9 Denali Fault Earthquake of 3 November 2002	46
2003-July	Nir J. Shaviv and Ján Veizer, Celestial driver of Phanerozoic climate?	281
2003-June	Ralph Haugerud et al., High-resolution LiDAR topography of the Puget Lowland, Washington—A bonanza for earth science	188
2003-Apr/May	no science article	—
2003-Mar	Alexander P. Bump, Reactivation, trishear modeling, and folded basement in Laramide uplifts: Implications for the origins of intra-continental faults	64
2003-Feb	no science article	—
2003-Jan	Keith A. Klepeis, Magma transport and coupling between deformation and magmatism in the continental lithosphere	51
TOTAL		1081

Year-month	Authors/Article	Cites
2002-Dec	Molly Fritz Miller and Conrad C. Labandeira, Slow crawl across the salinity divide: Delayed colonization of freshwater ecosystems by invertebrates	29
2002-Nov	Timothy J. Bralower et al., New evidence for abrupt climate change in the Cretaceous and Paleogene: An Ocean Drilling Program expedition to Shatsky Rise, northwest Pacific	62
2002-Oct	D.B. Snyder et al., Proterozoic prism arrests suspect terranes: Insights into the ancient Cordilleran margin from seismic reflection data	52
2002-Sep	James Jackson, Strength of the continental lithosphere: Time to abandon the jelly sandwich?	380
2002-Aug	Joel L. Pederson et al., Colorado Plateau uplift and erosion evaluated using GIS	102
2002-July	Jianghai Li et al., Archean podiform chromitites and mantle tectonites in ophiolitic mélangé, North China Craton: A record of early oceanic mantle processes	105
2002-June	no science article	—
2002-May	Ali E. Aksu et al., Persistent Holocene outflow from the Black Sea to the Eastern Mediterranean contradicts Noah's Flood hypothesis	120
2002-Apr	Eugene I. Smith et al., Episodic volcanism and hot mantle: Implications for volcanic hazard studies at the proposed nuclear waste repository at Yucca Mountain, Nevada	28
2002-Mar	K.E. Karlstrom et al., Structure and evolution of the lithosphere beneath the Rocky Mountains: Initial results from the CD-ROM Experiment	91
2002-Feb	no science article	—
2002-Jan	A. Hope Jahren and Leonel Silveira Lobo Sternberg, Eocene meridional weather patterns reflected in the oxygen isotopes of Arctic fossil wood	44
TOTAL		1013

Year-month	Authors/Article	Cites
2001-Dec	Ken Dueker et al., Thick-structured Proterozoic lithosphere of the Rocky Mountain region	125
2001-Nov	Mihai Ducea, The California Arc: Thick granitic batholiths, eclogitic residues, lithospheric-scale thrusting, and magmatic flare-ups	261
2001-Oct	John B. Anderson et al., Footprint of the expanded West Antarctic Ice Sheet: Ice stream history and behavior	63
2001-Sep	Darryll T. Pederson, Stream piracy revisited: A groundwater-sapping solution	43
2001-Aug	Wallace S. Broecker and Tanzhuo Liu, Rock varnish: Recorder of desert wetness?	62
2001-July	Chris Paola et al., Experimental stratigraphy	100
2001-June	Robert F. Butler et al., A moderate translation alternative to the Baja British Columbia hypothesis	62
2001-May	Nicholas Pinter et al., Fault-related folding in California's Northern Channel Islands documented by rapid-static GPS positioning	21
2001-Apr	Suzanne Y. O'Reilly et al., Are lithospheres forever? Tracking changes in subcontinental lithospheric mantle through time	247
2001-Mar	Suzanne Mahlburg Kay and Constantino Mpodozis, Central Andean ore deposits linked to evolving shallow subduction systems and thickening crust	224
2001-Feb	Loren E. Babcock et al., The Chengjiang Biota: Record of the Early Cambrian diversification of life and clues to exceptional preservation of fossils	74
2001-Jan	Peter K. Zeitler et al., Erosion, Himalayan geodynamics, and the geomorphology of metamorphism	333
TOTAL		1615

Year-month	Authors/Article	Cites
2000-Dec	Eugene D. Humphreys et al., Beneath Yellowstone: Evaluating plume and nonplume models using teleseismic images of the upper mantle	159
2000-Nov	Brian Wernicke et al., Dynamics of Plate boundary fault systems from Basin and Range Geodetic Network (BARGEN) and geologic data	90
2000-Oct	David S. Gutzler, Evaluating global warming: A post-1990s perspective	13
2000-Sep	David J. Bottjer et al., The Cambrian substrate revolution	253
2000-Aug	David A. Kring, Impact events and their effect on the origin, evolution, and distribution of life	101
2000-July	Jack D. Farmer, Hydrothermal systems: Doorways to early biosphere evolution	103
2000-June	Ali E. Aksu et al., Anatomy of the North Anatolian Fault Zone in the Marmara Sea, Western Turkey: Extensional basins above a continental transform	83
2000-May	Isabel P. Montañez et al., Evolution of the Sr and C isotope composition of Cambrian oceans	144
2000-Apr	Stephen J. Mojzsis and T. Mark Harrison, Vestiges of a beginning: Clues to the emergent biosphere recorded in the oldest known sedimentary rocks	106
2000-Mar	Leanne K. Armand, An ocean of ice—Advances in the estimation of past sea ice in the Southern Ocean	24
2000-Feb	R.W. Carlson et al., Continental growth, preservation, and modification in southern Africa	66
2000-Jan	Robert Reilinger et al., 1999 Izmit, Turkey, earthquake was no surprise	40
TOTAL		1182

Year-month	Authors/Article	Cites
1999-Dec	Robert S. Young et al., Hurricanes Dennis and Floyd: Coastal effects and policy implications	9
1999-Nov	Robert A. Berner, A new look at the long-term carbon cycle	128
1999-Oct	Karl E. Karlstrom, Refining Rodinia: Geologic evidence for the Australia–Western U.S. connection in the Proterozoic	247
1999-Sep	Donald R. Prothero, Does climatic change drive mammalian evolution?	103
1999-Aug	David W. Krause et al., The Late Cretaceous vertebrate fauna of Madagascar: Implications for Gondwanan paleobiogeography	103
1999-July	W.J. Devlin et al., South Caspian Basin: Young, cool, and full of promise	84
1999-June	no science article	–
1999-May	David A. Ferrill et al., Stressed rock strains groundwater at Yucca Mountain, Nevada	104
1999-Apr	Ivo Lucchitta and Luna B. Leopold, Floods and sandbars in the Grand Canyon	12
1999-Mar	Richard W. Saltus et al., A new magnetic view of Alaska	23
1999-Feb	Steven M. Stanley and Lawrence A. Hardie, Hypercalcification: Paleontology links plate tectonics and geochemistry to sedimentology	139
1999-Jan	W.S. Broecker, What if the conveyor were to shut down? Reflections on a possible outcome of the great global experiment	76
TOTAL		1028

Year-month	Authors/Article	Cites
1998-Dec	Gary J. Axen et al., If the strong crust leads, will the weak crust follow?	56
1998-Nov	Bilal U. Haq, Gas hydrates: Greenhouse nightmare? Energy panacea or pipe dream?	60
1998-Oct	Ron M. Clowes and Fred A. Cook, Lithoprobe leads to new perspectives on continental evolution	30
1998-Sep	Samuel A. Bowring and Douglas H. Erwin, A new look at evolutionary rates in deep time: Uniting paleontology and high-precision geochronology	155
1998-Aug	S.H. Cannon et al., Slope failure and shoreline retreat during northern California's latest El Niño	10
1998-July	Timothy J. Henstock et al., Probing the Archean and Proterozoic Lithosphere of Western North America	91
1998-June	no science article	—
1998-May	Paul F. Hoffman et al., Comings and Goings of Global Glaciations on a Neoproterozoic Tropical Platform in Namibia	196
1998-Apr	Molly F. Miller, Antarctic Neogene landscapes—In the refrigerator or in the deep freeze?	63
(3 articles)	Arjen P. Stroeven et al., Atmospheric Transport of Diatoms in the Antarctic Sirius Group: Pliocene Deep Freeze	39
	David M. Harwood and Peter N. Webb, Glacial Transport of Diatoms in the Antarctic Sirius Group: Pliocene Refrigerator	60
1998-Mar	M.J. Rutherford et al., Changing magma conditions and ascent rates during the Soufriere Hills Eruption on Montserrat	31
1998-Feb	Guy M. Narbonne, The Ediacara Biota: A Terminal Neoproterozoic Experiment in the evolution of life	147
1998-Jan	Antony R. Berger, Environmental change, geoindicators, and the autonomy of nature	20
TOTAL		958

Year-month	Authors/Article	Cites
1997-Dec	Jean-Daniel Stanley and Andrew G. Warne, Holocene Sea-Level Change and Early Human Utilization of Deltas	48
1997-Nov	Lincoln S. Hollister and Christopher L. Andronicos, A candidate for the Baja British Columbia Fault System in the coast plutonic complex	77
1997-Oct	Paul Bierman et al., Postglacial ponds and alluvial fans: Recorders of Holocene landscape history	52
1997-Sep	Peter M. Vitousek, Soil and ecosystem development across the Hawaiian Islands	152
1997-Aug	John M. Sharp Jr. and Jay L. Banner, The Edwards Aquifer: A resource in conflict	38
1997-July	Harry Y. McSween Jr., Evidence for life in a martian meteorite?	18
1997-June	no science article	—
1997-May	Wallace Broecker, Will our ride into the greenhouse future be a smooth one?	69
1997-Apr	Stephen P. Grand et al., Global Seismic Tomography: A Snapshot of Convection in the Earth	828
1997-Mar	Craig S. Feibel, Debating the Environmental Factors in Hominid Evolution	46
1997-Feb	Dogan Seber et al., Middle East Tectonics: Applications of Geographic Information Systems (GIS)	79
1997-Jan	Raphael Unrug, Rodinia to Gondwana: The Geodynamic Map of Gondwana Supercontinent Assembly	253
TOTAL		1660

Year-month	Authors/Article	Cites
1996-Dec	Peter B. Flemings and John P. Grotzinger, STRATA: Freeware for analyzing classic stratigraphic problems	75
1996-Nov	Lawrence A. Lawver et al., Distributed, active extension in Bransfield Basin, Antarctic Peninsula: Evidence from multibeam bathymetry	76
1996-Oct	Robert A. Gastaldo, Out of the icehouse into the greenhouse: A late Paleozoic analog for modern global vegetational change	129
1996-Sep	Reinhard Hesse et al., Imaging Laurentide ice sheet drainage into the deep sea: Impact on sediments and bottom water	34
1996-Aug	D. DePaolo et al., Hawaii scientific drilling project: Summary of preliminary results	12
1996-July	Wallace S. Broecker, The Biosphere and me	21
1996-June	no science article	—
1996-May	Gregory J. Retallack, Acid trauma at the Cretaceous-Tertiary boundary in eastern Montana	30
1996-Apr	John H. McBride et al., Dipping reflectors beneath old orogens: A perspective from the British Caledonides	13
1996-Mar	J. Douglas Walker et al., Development of geographic information systems-oriented databases for integrated geological and geophysical applications	9
1996-Feb	William R. Dickinson et al., Alternate origins of the Coast Range Ophiolite (California): Introduction and implications	81
1996-Jan	John E. Warme and Charles A. Sanberg, Alamo megabreccia: Record of a Late Devonian impact in southern Nevada	48
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1995-Dec	Michael E. Wysession, Seismic images of the core-mantle boundary	1
1995-Nov	A.H.F. Robertson et al., Evidence of collisional processes associated with ophiolite obduction in the eastern Mediterranean: Results from Ocean Drilling Program Leg 160	12
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1995-Sep	Vic Baker, Surprise endings to the catastrophism and controversy on the Columbia	5
1995-Aug	Thomas L. Holzer, The 1995 Hanshin-Awaji (Kobe), Japan, earthquake	7
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1995-June	no science article	—
1995-May	Subir K. Banerjee, Chasing the paleomonsoon over China: Its magnetic proxy record	24
1995-Apr	Christopher D. Condit, DDM-SVF: A prototype dynamic digital map of the Springerville Volcanic Field, Arizona	12
1995-Mar	Thomas J. Algeo, Late Devonian oceanic anoxic events and biotic crises: "Rooted" in the evolution of vascular land plants?	224
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1995-Jan	James P. Kennett and David A. Hodell, Stability or instability of Antarctic ice sheets during warm climates of the Pliocene?	41
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1994-Dec	Kenneth J. Hsü, Tectonic facies in the archipelago model of intra-plate orogenesis	26
1994-Nov	J.R. Heirtzler and J.J. Frawley, New gravity model for earth science studies	4
1994-Oct	Fraser Goff et al., Gold degassing and decomposition at Galeras volcano, Colombia	0
1994-Sep	Roger LeB. Hooke, On the efficacy of humans as geomorphic agents	114
1994-Aug	Donald L. Turcotte, Fractal aspects of geomorphic and stratigraphic processes	10
1994-July	Darrel S. Cowan, Alternative hypotheses for the mid-Cretaceous paleogeography of the western Cordillera	45
1994-June	no science article	—
1994-May	Thorne Lay et al., Near–real-time seismology: Rapid analysis of earthquake faulting	11
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1994-Mar	Derrill M. Kerrick and Ken Caldeira, Metamorphic CO₂ degassing and early Cenozoic paleoclimate	30
1994-Feb	Daniel L. Orange et al., Regular canyon spacing in the submarine environment: The link between hydrology and geomorphology	51
1994-Jan	Homer Montgomery et al., A 195 Ma terrane in a 165 Ma sea: Pacific origin of the Caribbean plate	59
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1993-Dec	Ken W.F. Howard et al., Road salt impacts on ground-water quality—The worst is still to come!	32
1993-Nov	Lynn Margulis, Gaia and the colonization of Mars	10
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1993-Sep	Jeremy Bloxham, Mapping the magnetic field of the core-mantle boundary: Constraints on the Geodynamo	5
1993-Aug	David K. Rea, Geologic records in deep sea muds	13
1993-July	Susan L. Brantley, Crater lakes reveal volcanic heat and volatile fluxes	32
1993-June	no science article	–
1993-May	Lawrence A. Lawver, Antarctic plate: Tectonics from a gravity anomaly and infrared satellite image	9
1993-Apr	Rasoul B. Sorkhabi and Edmund Stump, Rise of the Himalaya: A geochronologic approach	58
1993-Mar	John Malpas, Deep drilling of the oceanic crust and upper mantle	7
1993-Feb	Ken C. MacDonald et al., It's only topography: Part 2	2
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1992-Dec	James G. Moore and Robert K. Mark, Morphology of the island of Hawaii	40
1992-Nov	Ian. W.D. Dalziel, On the organization of American plates in the Neoproterozoic and the breakout of Laurentia	245
1992-Oct	Lauret E. Savoy, Encounters with the land	2
1992-Sep	David T. Long and William Berry Lyons, Aridity, continental weathering, and ground-water chemistry	16
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1992-June	David W. Simpson and Mark Anders, Tectonics and topography of the western United States—An application of digital mapping	30
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1991-Dec	J. Casey Moore, Ocean drilling and accretionary processes	7
1991-Nov	Richard J. Pike, Surface features of central North America: A synoptic view from computer graphics	9
1991-Oct	Robert A. Duncan, Ocean drilling and the volcanic record of hotspots	12
1991-Sep	Jeffrey R. Unruh et al., Tectonic wedging beneath fore-arc basins: Ancient and modern examples from California and the Lesser Antilles	28
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1991-Feb	Walter Alvarez, The gentle art of scientific trespassing	14
1991-Jan	Donald L. Turcotte, Fractals in geology: What are they and what are they good for?	15
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