

Vincent

List of Publications by Year in descending order

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163
papers

13,297
citations

24978

57
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22764

112
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173
all docs

173
docs citations

173
times ranked

6004
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Prediction of Solar Cycles. <i>Solar Physics</i> , 2021, 296, 1.	1.0	35
2	Response to "Comment on the Paper "Characteristic Time Scales of Decadal to Centennial Changes in Global Surface Temperatures Over the Past 150 years" by Y. Cuypers, F. Codron, and M. Crepon". <i>Earth and Space Science</i> , 2021, 8, e2020EA001421.	1.1	1
3	On the shoulders of Laplace. <i>Physics of the Earth and Planetary Interiors</i> , 2021, 316, 106693.	0.7	13
4	Characteristic Time Scales of Decadal to Centennial Changes in Global Surface Temperatures Over the Past 150 Years. <i>Earth and Space Science</i> , 2020, 7, e2019EA000671.	1.1	20
5	Solar turbulence from sunspot records. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1416-1420.	1.6	11
6	Influence of very large spatial heterogeneity on estimates of sea-level trends. <i>Applied Mathematics and Computation</i> , 2020, 386, 125485.	1.4	2
7	The dynamics of a long-lasting effusive eruption modulated by Earth tides. <i>Earth and Planetary Science Letters</i> , 2020, 536, 116145.	1.8	13
8	Singular Spectral Analysis of the aa and Dst Geomagnetic Indices. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 6403-6417.	0.8	13
9	On forcings of length of day changes: From 9-day to 18.6-year oscillations. <i>Physics of the Earth and Planetary Interiors</i> , 2019, 292, 1-11.	0.7	22
10	A Solar Signature in Many Climate Indices. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 2600-2619.	1.2	48
11	Emplacement of inflated Pahoehoe flows in the Naude's Nek Pass, Lesotho remnant, Karoo continental flood basalt province: use of flow-lobe tumuli in understanding flood basalt emplacement. <i>Bulletin of Volcanology</i> , 2018, 80, 1.	1.1	13
12	Invited contributions by 2016-2017 geoscience laureates of the French Academy of Sciences. <i>Comptes Rendus - Geoscience</i> , 2018, 350, 449-450.	0.4	0
13	Long Term Evolution of Solar Meridional Circulation and Phase Synchronization Viewed Through a Symmetrical Kuramoto Model. <i>Solar Physics</i> , 2018, 293, 1.	1.0	7
14	Observational evidence in favor of scale-free evolution of sunspot groups. <i>Astronomy and Astrophysics</i> , 2018, 618, A183.	2.1	4
15	Eruptive history of the Karoo lava flows and their impact on early Jurassic environmental change. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 738-772.	1.4	58
16	Identification of Gleissberg Cycles and a Rising Trend in a 315-Year-Long Series of Sunspot Numbers. <i>Solar Physics</i> , 2017, 292, 1.	1.0	25
17	Reconstruction of the North-South Solar Asymmetry with a Kuramoto Model. <i>Solar Physics</i> , 2017, 292, 1.	1.0	12
18	Dynamics of Sunspot Series on Time Scales From Days to Years: Correlation of Sunspot Births, Variable Lifetimes, and Evolution of the High-Frequency Spectral Component. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 11,874.	0.8	3

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19	Deccan basalts in and around Koyna "Warna region, Maharashtra: Some reflections. Journal of the Geological Society of India, 2017, 90, 653-662.	0.5	11
20	Kuramoto Model with Non-symmetric Coupling Reconstructs Variations of the Solar-Cycle Period. Solar Physics, 2016, 291, 1003-1023.	1.0	15
21	When Daily Sunspot Births Become Positively Correlated. Solar Physics, 2015, 290, 2709-2717.	1.0	2
22	STOCHASTIC DESCRIPTION OF THE HIGH-FREQUENCY CONTENT OF DAILY SUNSPOTS AND EVIDENCE FOR REGIME CHANGES. Astrophysical Journal, 2015, 799, 56.	1.6	3
23	Can irregularities of solar proxies help understand quasi-biennial solar variations?. Nonlinear Processes in Geophysics, 2014, 21, 797-813.	0.6	2
24	A review of the embedded time scales of flood basalt volcanism with special emphasis on dramatically short magmatic pulses. , 2014, , .		18
25	Kuramoto Model of Nonlinear Coupled Oscillators as a Way for Understanding Phase Synchronization: Application to Solar and Geomagnetic Indices. Solar Physics, 2014, 289, 4309-4333.	1.0	13
26	Is a sudden increase of irregularity of sunspot numbers a precursor of a return to low solar activity?. Journal of Geophysical Research: Space Physics, 2014, 119, 6120-6130.	0.8	5
27	New ⁴⁰ Ar/ ³⁹ Ar and ⁴⁰ Ar ages of the Viluy traps (Eastern Siberia): Further evidence for a relationship with the Frasnian-Famennian mass extinction. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 386, 531-540.	1.0	76
28	TWO REGIMES IN THE REGULARITY OF SUNSPOT NUMBER. Astrophysical Journal, 2013, 779, 108.	1.6	9
29	Multi-Decadal Trends of Global Surface Temperature: A Broken Line with Alternating ~30 yr Linear Segments?. Atmospheric and Climate Sciences, 2013, 03, 364-371.	0.1	9
30	Dynamical similarity of geomagnetic field reversals. Nature, 2012, 490, 89-93.	13.7	94
31	On secular changes of correlation between geomagnetic indices and variations in solar activity. Journal of Geophysical Research, 2012, 117, .	3.3	11
32	The "evan Zijl" Jurassic geomagnetic reversal revisited. Geochemistry, Geophysics, Geosystems, 2012, 13, .	1.0	13
33	A correlation of mean period of MJO indices and 11-yr solar variation. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 80, 195-207.	0.6	8
34	On Solar Flares and Cycle 23. Solar Physics, 2012, 276, 383-394.	1.0	10
35	An attempt to constrain the age, duration, and eruptive history of the Karoo flood basalt: Naude's Nek section (South Africa). Journal of Geophysical Research, 2011, 116, .	3.3	52
36	Rise of volcanic plumes to the stratosphere aided by penetrative convection above large lava flows. Earth and Planetary Science Letters, 2011, 301, 171-178.	1.8	36

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37	A note on comments on papers published in Journal of Atmospheric and Solar-Terrestrial Physics and our responses. Journal of Atmospheric and Solar-Terrestrial Physics, 2011, 73, 2042.	0.6	4
38	Seasonality of European warming: Influence of the tropics. Doklady Earth Sciences, 2011, 440, 1316-1319.	0.2	0
39	Evolution of seasonal temperature disturbances and solar forcing in the US North Pacific. Journal of Atmospheric and Solar-Terrestrial Physics, 2010, 72, 83-89.	0.6	13
40	A statistically significant signature of multi-decadal solar activity changes in atmospheric temperatures at three European stations. Journal of Atmospheric and Solar-Terrestrial Physics, 2010, 72, 595-606.	0.6	15
41	Cretaceous Extinctions: The Volcanic Hypothesis. Science, 2010, 328, 973-974.	6.0	51
42	Solar forcing of the semi-annual variation of length of day. Geophysical Research Letters, 2010, 37, .	1.5	17
43	Preliminary dating of the Viluy traps (Eastern Siberia): Eruption at the time of Late Devonian extinction events?. Earth and Planetary Science Letters, 2010, 300, 239-245.	1.8	90
44	Evidence for solar forcing in variability of temperatures and pressures in Europe. Journal of Atmospheric and Solar-Terrestrial Physics, 2009, 71, 1309-1321.	0.6	40
45	Microseismicity, meteorology and the solar cycle. Comptes Rendus - Geoscience, 2009, 341, 977-981.	0.4	1
46	Determination of rapid Deccan eruptions across the Cretaceous-Tertiary boundary using paleomagnetic secular variation: 2. Constraints from analysis of eight new sections and synthesis for a 3500-m-thick composite section. Journal of Geophysical Research, 2009, 114, .	3.3	218
47	Determination of rapid Deccan eruptions across the Cretaceous-Tertiary boundary using paleomagnetic secular variation: Results from a 1200-m-thick section in the Mahabaleshwar escarpment. Journal of Geophysical Research, 2008, 113, .	3.3	192
48	Response to comment on "Are there connections between Earth's magnetic field and climate?", Earth Planet. Sci. Lett., 253, 328-339, 2007 by Bard, E., and Delaygue, M., Earth Planet. Sci. Lett., in press, 2007. Earth and Planetary Science Letters, 2008, 265, 308-311.	1.8	14
49	Evidence for a solar signature in 20th-century temperature data from the USA and Europe. Comptes Rendus - Geoscience, 2008, 340, 421-430.	0.4	37
50	Paleomagnetism of the Siberian traps: New data and a new overall 250-Ma pole for Siberia. Tectonophysics, 2007, 443, 72-92.	0.9	51
51	Are there connections between the Earth's magnetic field and climate?. Earth and Planetary Science Letters, 2007, 253, 328-339.	1.8	143
52	Rock magnetic evidence for inclination shallowing in the Passaic Formation red beds from the Newark basin and a systematic bias of the Late Triassic apparent polar wander path for North America. Earth and Planetary Science Letters, 2007, 254, 345-357.	1.8	49
53	Mantle plumes link magnetic superchrons to Phanerozoic mass depletion events. Earth and Planetary Science Letters, 2007, 260, 495-504.	1.8	202
54	⁴⁰ K- ⁴⁰ Ar dating of the Main Deccan large igneous province: Further evidence of KTB age and short duration. Earth and Planetary Science Letters, 2007, 263, 1-15.	1.8	279

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55	Palaeomagnetic evidence and tectonic origin of clockwise rotations in the Yangtze fold belt, South China Block. <i>Geophysical Journal International</i> , 2007, 168, 48-58.	1.0	33
56	Mean age of oceanic lithosphere drives eustatic sea-level change since Pangea breakup. <i>Earth and Planetary Science Letters</i> , 2006, 245, 115-122.	1.8	47
57	New evidence for massive pollution and mortality in Europe in 1783-1784 may have bearing on global change and mass extinctions. <i>Comptes Rendus - Geoscience</i> , 2005, 337, 635-637.	0.4	5
58	On long-term variations of simple geomagnetic indices and slow changes in magnetospheric currents: The emergence of anthropogenic global warming after 1990?. <i>Earth and Planetary Science Letters</i> , 2005, 232, 273-286.	1.8	41
59	Modelling massive sulphate aerosol pollution, following the large 1783 Laki basaltic eruption. <i>Earth and Planetary Science Letters</i> , 2005, 236, 721-731.	1.8	69
60	Convective patterns under the Indo-Atlantic. <i>Earth and Planetary Science Letters</i> , 2005, 239, 233-252.	1.8	138
61	Palaeomagnetism and K-Ar and $^{40}\text{Ar}/^{39}\text{Ar}$ ages in the Ali Sabieh area (Republic of Djibouti and Ethiopia): constraints on the mechanism of Aden ridge propagation into southeastern Afar during the last 10 Myr. <i>Geophysical Journal International</i> , 2004, 158, 327-345.	1.0	69
62	Magnetic reversal frequency and apparent polar wander of the Siberian platform in the earliest Palaeozoic, inferred from the Khorbusuonka river section (northeastern Siberia). <i>Geophysical Journal International</i> , 2003, 154, 829-840.	1.0	35
63	Three distinct types of hotspots in the Earth's mantle. <i>Earth and Planetary Science Letters</i> , 2003, 205, 295-308.	1.8	932
64	Paleomagnetism of Upper Jurassic to Lower Cretaceous volcanic and sedimentary rocks from the western Tarim Basin and implications for inclination shallowing and absolute dating of the M-0 (ISEA?) chron. <i>Earth and Planetary Science Letters</i> , 2003, 206, 587-600.	1.8	112
65	Comparative ^{40}Ar and Ar/Ar dating of Ethiopian and Yemenite Oligocene volcanism: implications for timing and duration of the Ethiopian traps. <i>Earth and Planetary Science Letters</i> , 2003, 206, 477-492.	1.8	127
66	Silicic central volcanoes as precursors to rift propagation: the Afar case. <i>Earth and Planetary Science Letters</i> , 2003, 207, 103-116.	1.8	75
67	On the possible occurrence of archaeomagnetic jerks in the geomagnetic field over the past three millennia. <i>Earth and Planetary Science Letters</i> , 2003, 214, 237-242.	1.8	132
68	Reply to the commentary by Eric Buffetaut on the note by Vincent Courtillot and Paul R. Renne, On the ages of flood basalt events. <i>Comptes Rendus - Geoscience</i> , 2003, 335, 775.	0.4	1
69	Large N-S convergence at the northern edge of the Tibetan plateau? New Early Cretaceous paleomagnetic data from Hexi Corridor, NW China. <i>Earth and Planetary Science Letters</i> , 2002, 201, 293-307.	1.8	28
70	New paleomagnetic result from the Ethiopian flood basalts in the Abbay (Blue Nile) and Kesseme gorges. <i>Earth and Planetary Science Letters</i> , 2002, 203, 353-367.	1.8	11
71	Apparent and true polar wander and the geometry of the geomagnetic field over the last 200 Myr. <i>Journal of Geophysical Research</i> , 2002, 107, EPM 6-1-EPM 6-31.	3.3	795
72	Palaeomagnetism of East Siberian traps and kimberlites: two new poles and palaeogeographic reconstructions at about 360 and 250 Ma. <i>Geophysical Journal International</i> , 2002, 148, 1-33.	1.0	138

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73	40Ar/39Ar dating of mineral separates and whole rocks from the Western Ghats lava pile: further constraints on duration and age of the Deccan traps. <i>Earth and Planetary Science Letters</i> , 2000, 180, 13-27.	1.8	234
74	Cosmic markers, 40Ar/39Ar dating and paleomagnetism of the KT sections in the Anjar Area of the Deccan large igneous province. <i>Earth and Planetary Science Letters</i> , 2000, 182, 137-156.	1.8	123
75	Paleomagnetic results of Paleozoic and Mesozoic rocks from Xingshan-Zigui section in Hubei Province, South China. <i>Science in China Series D: Earth Sciences</i> , 1999, 42, 182-194.	0.9	8
76	On causal links between flood basalts and continental breakup. <i>Earth and Planetary Science Letters</i> , 1999, 166, 177-195.	1.8	659
77	Link between excursions and paleointensity inferred from abnormal field directions recorded at La Palma around 600 ka. <i>Earth and Planetary Science Letters</i> , 1999, 168, 233-242.	1.8	44
78	Paleointensity across the Réunion event in Ethiopia. <i>Earth and Planetary Science Letters</i> , 1999, 170, 17-34.	1.8	31
79	Age of the Deccan traps using 187Re-187Os systematics. <i>Earth and Planetary Science Letters</i> , 1999, 170, 197-204.	1.8	127
80	How complex is the time-averaged geomagnetic field over the past 50 Myr?. <i>Geophysical Journal International</i> , 1998, 134, 527-544.	1.0	98
81	A palaeomagnetic study from the Mongolian Okhotsk region: rotated Early Cretaceous volcanics and remagnetized Mesozoic sediments. <i>Earth and Planetary Science Letters</i> , 1998, 159, 133-145.	1.8	79
82	Magnetostratigraphy and timing of the Oligocene Ethiopian traps. <i>Earth and Planetary Science Letters</i> , 1998, 164, 497-510.	1.8	123
83	Timing of the Ethiopian flood basalt event and implications for plume birth and global change. <i>Nature</i> , 1997, 389, 838-841.	13.7	587
84	On low-degree spherical harmonic models of paleosecular variation. <i>Physics of the Earth and Planetary Interiors</i> , 1996, 95, 55-77.	0.7	86
85	Recent progress in rock magnetism. <i>Geophysical Research Letters</i> , 1996, 23, 2801-2801.	1.5	3
86	Apparent synfolding magnetization as a result of overlap of pre- and post-folding magnetizations. <i>Geophysical Research Letters</i> , 1996, 23, 3523-3526.	1.5	8
87	Geomagnetic field direction in Paris since the mid-sixteenth century. <i>Physics of the Earth and Planetary Interiors</i> , 1996, 98, 321-360.	0.7	69
88	Effects of mass extinctions on biodiversity. <i>Nature</i> , 1996, 381, 146-148.	13.7	87
89	Geomagnetic reversal behaviour since 100 Ma. <i>Physics of the Earth and Planetary Interiors</i> , 1995, 92, 235-244.	0.7	18
90	Preliminary early cretaceous paleomagnetic results from the Gansu Corridor, China. <i>Earth and Planetary Science Letters</i> , 1995, 129, 217-232.	1.8	37

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91	A paleomagnetic study of Mesozoic sediments from the Junggar and Turfan basins, northwestern China. <i>Earth and Planetary Science Letters</i> , 1995, 133, 353-366.	1.8	23
92	Large rotation of the Easter microplate as evidenced by oriented paleomagnetic samples from the ocean floor. <i>Earth and Planetary Science Letters</i> , 1995, 136, 213-222.	1.8	28
93	Long-term geometry of the geomagnetic field for the last five million years: An updated secular variation database. <i>Geophysical Research Letters</i> , 1994, 21, 1639-1642.	1.5	107
94	Comment on: "Did Deccan volcanism pre-date the Cretaceous-Tertiary transition?". <i>Earth and Planetary Science Letters</i> , 1994, 122, 259-262.	1.8	20
95	Paleomagnetism of the Atlantic, Tethys and Iapetus Oceans. <i>Physics of the Earth and Planetary Interiors</i> , 1994, 82, 277-278.	0.7	0
96	North American Jurassic apparent polar wander: the answer from other continents?. <i>Physics of the Earth and Planetary Interiors</i> , 1994, 82, 87-104.	0.7	23
97	Magnetostratigraphy of Pliocene Sediments From the Stirone River (Po Valley). <i>Geophysical Journal International</i> , 1993, 112, 359-380.	1.0	49
98	Higher Education in Europe: The French Example. <i>Science</i> , 1992, 256, 479-480.	6.0	2
99	Jurassic paleomagnetic constraints on the collision of the North and South China Blocks. <i>Geophysical Research Letters</i> , 1992, 19, 577-580.	1.5	101
100	The paleomagnetic record of Uppermost Permian, Lower Triassic rocks from the South China Block. <i>Geophysical Research Letters</i> , 1992, 19, 2147-2150.	1.5	46
101	Paleomagnetic constraints on the structure of the Deccan traps. <i>Physics of the Earth and Planetary Interiors</i> , 1992, 74, 241-261.	0.7	63
102	New Cretaceous paleomagnetic poles from the Tarim Basin, Northwestern China. <i>Earth and Planetary Science Letters</i> , 1992, 114, 17-38.	1.8	83
103	Changes in Earth rotation rate. <i>Nature</i> , 1992, 355, 26-27.	13.7	11
104	Palaeomagnetic constraints on the geometry of the geomagnetic field during reversals. <i>Nature</i> , 1992, 356, 400-407.	13.7	132
105	An investigation by transmission electron microscopy of planar deformation features in naturally shocked quartz. <i>Terra Nova</i> , 1992, 4, 405-412.	0.9	7
106	Biostratigraphy and magnetostratigraphy of the Cretaceous/Tertiary Sopelana section (Basque). <i>Tectonics</i> , 1991, 10, 547-559.	1.8	31
107	Paleomagnetic results from Triassic sections in the Ordos Basin, North China. <i>Earth and Planetary Science Letters</i> , 1991, 104, 258-277.	1.8	79
108	The stationary Cretaceous paleomagnetic pole of Sichuan (South China Block). <i>Tectonics</i> , 1991, 10, 547-559.	1.3	74

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109	Paleomagnetism and age determinations of the Deccan Traps (India): Results of a Nagpur-Bombay Traverse and review of earlier work. <i>Reviews of Geophysics</i> , 1991, 29, 159-190.	9.0	192
110	Bookshelf faulting and horizontal block rotations between overlapping rifts in southern Afar. <i>Geophysical Research Letters</i> , 1990, 17, 1-4.	1.5	144
111	Thermal Isotasy in the South Atlantic: A New Approach. <i>Geophysical Research Letters</i> , 1990, 17, 251-254.	1.5	5
112	Latitudinal evolution of the Réunion hotspot deduced from paleomagnetic results of Leg 115. <i>Geophysical Research Letters</i> , 1990, 17, 1105-1108.	1.5	6
113	Deccan volcanism at the Cretaceous-Tertiary boundary: past climatic crises as a key to the future?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1990, 89, 291-299.	1.0	27
114	The Cretaceous-Tertiary boundary at Gubbio revisited: vertical extent of the Ir anomaly. <i>Earth and Planetary Science Letters</i> , 1990, 99, 206-219.	1.8	47
115	Paleontological view of the ages of the Deccan Traps, the Cretaceous/Tertiary boundary, and the India-Asia collision. <i>Geology</i> , 1989, 17, 316.	2.0	258
116	Modeling magnetostratigraphy in a borehole. <i>Geophysics</i> , 1989, 54, 973-983.	1.4	21
117	Duration of Deccan trap volcanism: a statistical approach. <i>Earth and Planetary Science Letters</i> , 1989, 93, 273-282.	1.8	38
118	Intense acidic volcanism at the Cretaceous-Tertiary boundary. <i>Earth and Planetary Science Letters</i> , 1989, 94, 409-416.	1.8	24
119	Widespread Cenozoic (?) remagnetization in Thailand and its implications for the India-Asia collision. <i>Earth and Planetary Science Letters</i> , 1989, 93, 113-122.	1.8	33
120	Comments and Reply on "Age estimation of the Deccan Traps from the North American apparent polar wander path". <i>Geology</i> , 1989, 17, 88.	2.0	4
121	Geoid roughness and long-wavelength segmentation of the South Atlantic spreading ridge. <i>Nature</i> , 1988, 333, 255-258.	13.7	12
122	Deccan flood basalts and the Cretaceous/Tertiary boundary. <i>Nature</i> , 1988, 333, 843-846.	13.7	444
123	A search for iridium in the Deccan Traps and Inter-Traps. <i>Geophysical Research Letters</i> , 1988, 15, 812-815.	1.5	22
124	Time Variations of the Earth's Magnetic Field: From Daily to Secular. <i>Annual Review of Earth and Planetary Sciences</i> , 1988, 16, 389-476.	4.6	136
125	Kinematics of the Sinai triple junction and a two-phase model of Arabia-Africa rifting. <i>Geological Society Special Publication</i> , 1987, 28, 559-573.	0.8	39
126	The Sinai triple junction revisited. <i>Tectonophysics</i> , 1987, 141, 181-190.	0.9	59

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127	Geoid anomalies across Ascension Fracture Zone and the cooling of the lithosphere. <i>Geophysical Research Letters</i> , 1987, 14, 603-606.	1.5	13
128	On the possibility of a widespread remagnetization of pre-Oligocene rocks from Northeast Japan and the Miocene rotational opening of the Japan Sea. <i>Earth and Planetary Science Letters</i> , 1987, 84, 321-338.	1.8	27
129	Reply to comments on "Deccan flood basalts at the Cretaceous/Tertiary boundary?" by H. Wensink. <i>Earth and Planetary Science Letters</i> , 1987, 86, 122-123.	1.8	3
130	Magnetic Field Reversals, Polar Wander, and Core-Mantle Coupling. <i>Science</i> , 1987, 237, 1140-1147.	6.0	234
131	Comment and Reply on "Kinematic model for the opening of the Sea of Japan and the bending of the Japanese islands". <i>Geology</i> , 1987, 15, 879.	2.0	1
132	Deccan flood basalts at the Cretaceous/Tertiary boundary?. <i>Earth and Planetary Science Letters</i> , 1986, 80, 361-374.	1.8	549
133	Introduction [to Special Section: Magnetotectonics]. <i>Tectonics</i> , 1986, 5, 709-711.	1.3	3
134	A magnetotectonic study of the Hercynian Montagne Noire (France). <i>Tectonics</i> , 1986, 5, 733-751.	1.3	23
135	Mesozoic and Cenozoic evolution of the North and South China blocks. <i>Nature</i> , 1986, 320, 86-87.	13.7	30
136	Franciscan Complex limestone deposited at 24°N. <i>Geology</i> , 1985, 13, 107.	2.0	25
137	A preliminary Upper Triassic paleomagnetic pole for the Khorat plateau (Thailand): consequences for the accretion of Indochina against Eurasia. <i>Earth and Planetary Science Letters</i> , 1985, 73, 147-157.	1.8	36
138	Structure and evolution of the Himalaya-Tibet orogenic belt. <i>Nature</i> , 1984, 307, 17-22.	13.7	942
139	Palaeomagnetic estimates of crustal shortening in the Himalayan thrusts and Zangbo suture. <i>Nature</i> , 1984, 311, 621-626.	13.7	258
140	Geomagnetic secular variation impulses. <i>Nature</i> , 1984, 311, 709-716.	13.7	99
141	On Backus' mantle filter theory and the 1969 geomagnetic impulse. <i>Geophysical Journal International</i> , 1984, 78, 619-625.	1.0	28
142	On the stability of triple junctions and its relation to episodicity in spreading. <i>Tectonics</i> , 1984, 3, 317-332.	1.3	71
143	How Continents Break up. <i>Scientific American</i> , 1983, 249, 42-49.	1.0	18
144	Paleomagnetic constraints on the late Cretaceous and Cenozoic tectonics of southeastern Asia. <i>Earth and Planetary Science Letters</i> , 1983, 63, 123-136.	1.8	86

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145	Propagating rifts and continental breakup. <i>Tectonics</i> , 1982, 1, 239-250.	1.3	207
146	Geomagnetic secular variation as a precursor of climatic change. <i>Nature</i> , 1982, 297, 386-387.	13.7	33
147	Core motions, electromagnetic core-mantle coupling and variations in the earth's rotation: New constraints from geomagnetic secular variation impulses. <i>Physics of the Earth and Planetary Interiors</i> , 1981, 24, 236-241.	0.7	38
148	Identification of a magma chamber in the Ghoubbet-Asal rift (Djibouti) from a magnetotelluric experiment. <i>Earth and Planetary Science Letters</i> , 1981, 52, 372-380.	1.8	14
149	Long-period geomagnetic variations and mantle conductivity: an inversion using Bailey's method. <i>Geophysical Journal International</i> , 1981, 65, 579-601.	1.0	77
150	Decade fluctuations in geomagnetic westward drift and Earth rotation. <i>Nature</i> , 1981, 290, 763-765.	13.7	60
151	The late 1960s secular variation impulse, the eleven year magnetic variation and the electrical conductivity of the deep mantle. <i>Geophysical Journal International</i> , 1980, 61, 73-94.	1.0	123
152	The late 1960's secular variation impulse: Further constraints on deep mantle conductivity. <i>Physics of the Earth and Planetary Interiors</i> , 1980, 23, 72-75.	0.7	71
153	Propagation of an accreting plate boundary: a discussion of new aeromagnetic data in the Gulf of Tadjurah and southern Afar. <i>Earth and Planetary Science Letters</i> , 1980, 47, 144-160.	1.8	91
154	Relevance of Afar seismicity and volcanism to the mechanics of accreting plate boundaries. <i>Nature</i> , 1979, 282, 17-23.	13.7	127
155	On: "Reduction of magnetic and gravity data on an arbitrary surface acquired in a region of high topographic relief" by B. K. Bhattacharyya and K. C. Chan (<i>GEOPHYSICS</i> , December 1977, p. 1411-1430). <i>Geophysics</i> , 1978, 43, 1274-1275.	1.4	0
156	On the induction effects associated with the equatorial electrojet. <i>Journal of Geophysical Research</i> , 1977, 82, 335-351.	3.3	16
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