

# C T R Russell

## List of Publications by Citations

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68,451  
ext. citations

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7.44  
L-index

#	Paper	IF	Citations
1320	An empirical relationship between interplanetary conditions and Dst. <i>Journal of Geophysical Research</i> , <b>1975</b> , 80, 4204-4214		975
1319	Satellite studies of magnetospheric substorms on August 15, 1968: 9. Phenomenological model for substorms. <i>Journal of Geophysical Research</i> , <b>1973</b> , 78, 3131-3149		947
1318	Initial ISEE magnetometer results: magnetopause observations. <i>Space Science Reviews</i> , <b>1978</b> , 22, 681	7.5	890
1317	Magnetopause location under extreme solar wind conditions. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 17691-17700		717
1316	Semiannual variation of geomagnetic activity. <i>Journal of Geophysical Research</i> , <b>1973</b> , 78, 92-108		692
1315	The Magnetospheric Multiscale Magnetometers. <i>Space Science Reviews</i> , <b>2016</b> , 199, 189-256	7.5	670
1314	Evidence for magnetic field reconnection at the Earth's magnetopause. <i>Journal of Geophysical Research</i> , <b>1981</b> , 86, 10049		591
1313	ISEE observations of flux transfer events at the dayside magnetopause. <i>Geophysical Research Letters</i> , <b>1979</b> , 6, 33-36	4.9	562
1312	Statistical characteristics of bursty bulk flow events. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 21257		547
1311	Plasma acceleration at the Earth's magnetopause: evidence for reconnection. <i>Nature</i> , <b>1979</b> , 282, 243-246	50.4	543
1310	A new functional form to study the solar wind control of the magnetopause size and shape. <i>Journal of Geophysical Research</i> , <b>1997</b> , 102, 9497-9511		517
1309	Tail reconnection triggering substorm onset. <i>Science</i> , <b>2008</b> , 321, 931-5	33.3	464
1308	Induced magnetic fields as evidence for subsurface oceans in Europa and Callisto. <i>Nature</i> , <b>1998</b> , 395, 777-80	50.4	450
1307	Galileo magnetometer measurements: a stronger case for a subsurface ocean at Europa. <i>Science</i> , <b>2000</b> , 289, 1340-3	33.3	449
1306	The magnetotail and substorms. <i>Space Science Reviews</i> , <b>1973</b> , 15, 205	7.5	442
1305	Electron-scale measurements of magnetic reconnection in space. <i>Science</i> , <b>2016</b> , 352, aaf2939	33.3	418
1304	Coronal Mass Ejections and Magnetic Flux Ropes in Interplanetary Space. <i>Geophysical Monograph Series</i> , <b>1990</b> , 343-364	1.1	404

1303	Upstream hydromagnetic waves and their association with backstreaming ion populations: ISEE 1 and 2 observations. <i>Journal of Geophysical Research</i> , <b>1981</b> , 86, 4471-4492		394
1302	The Cassini Magnetic Field Investigation. <i>Space Science Reviews</i> , <b>2004</b> , 114, 331-383	7.5	391
1301	Dawn at Vesta: testing the protoplanetary paradigm. <i>Science</i> , <b>2012</b> , 336, 684-6	33.3	356
1300	Structure of the low-latitude boundary layer. <i>Journal of Geophysical Research</i> , <b>1981</b> , 86, 2099		338
1299	A survey of dayside flux transfer events observed by ISEE 1 and 2 magnetometers. <i>Journal of Geophysical Research</i> , <b>1984</b> , 89, 786		327
1298	Plasma and magnetic field characteristics of magnetic flux transfer events. <i>Journal of Geophysical Research</i> , <b>1982</b> , 87, 2159		320
1297	Magnetospheric substorms—definition and signatures. <i>Journal of Geophysical Research</i> , <b>1980</b> , 85, 1663		317
1296	Discovery of Ganymede's magnetic field by the Galileo spacecraft. <i>Nature</i> , <b>1996</b> , 384, 537-541	50.4	310
1295	The ISEE 1 and 2 Fluxgate Magnetometers <b>1978</b> , 16, 239-242		305
1294	Identification of a dynamic atmosphere at Enceladus with the Cassini magnetometer. <i>Science</i> , <b>2006</b> , 311, 1406-9	33.3	297
1293	The FIELDS Instrument Suite on MMS: Scientific Objectives, Measurements, and Data Products. <i>Space Science Reviews</i> , <b>2016</b> , 199, 105-135	7.5	292
1292	Evolution of ion distributions across the nearly perpendicular bow shock: specularly and non-specularly reflected-gyrating ions. <i>Journal of Geophysical Research</i> , <b>1983</b> , 88, 6121		287
1291	Model of the formation of the low-latitude boundary layer for strongly northward interplanetary magnetic field. <i>Journal of Geophysical Research</i> , <b>1992</b> , 97, 1411		280
1290	Inward motion of the magnetopause before a substorm. <i>Journal of Geophysical Research</i> , <b>1970</b> , 75, 7018-7031		272
1289	The THEMIS Array of Ground-based Observatories for the Study of Auroral Substorms. <i>Space Science Reviews</i> , <b>2008</b> , 141, 357-387	7.5	251
1288	Detection of localized, plasma-depleted flux tubes or bubbles in the midtail plasma sheet. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 10817-10826		251
1287	Properties of Interplanetary Coronal Mass Ejections at One AU During 1995–2004. <i>Solar Physics</i> , <b>2006</b> , 239, 393-436	2.6	244
1286	An extended study of the low-latitude boundary layer on the dawn and dusk flanks of the magnetosphere. <i>Journal of Geophysical Research</i> , <b>1987</b> , 92, 7394		240

1285	Differentiation of the asteroid Ceres as revealed by its shape. <i>Nature</i> , <b>2005</b> , 437, 224-6	50.4	239
1284	Flux transfer events on the magnetopause: Spatial distribution and controlling factors. <i>Journal of Geophysical Research</i> , <b>1984</b> , 89, 6689		232
1283	Magnetic fields near Mars: first results. <i>Nature</i> , <b>1989</b> , 341, 604-607	50.4	230
1282	Evidence for kinetic Alfvén waves and parallel electron energization at 48 RE altitudes in the plasma sheet boundary layer. <i>Journal of Geophysical Research</i> , <b>2002</b> , 107, SMP 24-1-SMP 24-15		229
1281	The thickness of the magnetopause current layer: ISEE 1 and 2 observations. <i>Journal of Geophysical Research</i> , <b>1982</b> , 87, 2108		229
1280	Ammoniated phyllosilicates with a likely outer Solar System origin on (1) Ceres. <i>Nature</i> , <b>2015</b> , 528, 241-450.4	50.4	226
1279	STEREO IMPACT Investigation Goals, Measurements, and Data Products Overview. <i>Space Science Reviews</i> , <b>2008</b> , 136, 117-184	7.5	226
1278	High-speed ion flow, substorm current wedge, and multiple Pi 2 pulsations. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 4491-4507		226
1277	Current carriers in the near-Earth cross-tail current sheet during substorm growth phase. <i>Geophysical Research Letters</i> , <b>1990</b> , 17, 583-586	4.9	226
1276	OGO 3 observations of ELF noise in the magnetosphere: 2. The nature of the equatorial noise. <i>Journal of Geophysical Research</i> , <b>1970</b> , 75, 755-768		224
1275	Discovery of very large amplitude whistler-mode waves in Earth's radiation belts. <i>Geophysical Research Letters</i> , <b>2008</b> , 35,	4.9	221
1274	Polar spacecraft based comparisons of intense electric fields and Poynting flux near and within the plasma sheet-tail lobe boundary to UVI images: An energy source for the aurora. <i>Journal of Geophysical Research</i> , <b>2000</b> , 105, 18675-18692		218
1273	Observations of reconnection of interplanetary and lobe magnetic field lines at the high-latitude magnetopause. <i>Journal of Geophysical Research</i> , <b>1991</b> , 96, 14097-14106		215
1272	Structure of the tail plasma/current sheet at ~11 RE and its changes in the course of a substorm. <i>Journal of Geophysical Research</i> , <b>1993</b> , 98, 17345		214
1271	Flux transfer events: Scale size and interior structure. <i>Geophysical Research Letters</i> , <b>1984</b> , 11, 131-134	4.9	214
1270	The Upgraded CARISMA Magnetometer Array in the THEMIS Era. <i>Space Science Reviews</i> , <b>2008</b> , 141, 413-451	4.5	213
1269	Spectroscopic characterization of mineralogy and its diversity across Vesta. <i>Science</i> , <b>2012</b> , 336, 697-700	33.3	209
1268	Magnetic field investigation of the Venus plasma environment: Expected new results from Venus Express. <i>Planetary and Space Science</i> , <b>2006</b> , 54, 1336-1343	2	208

1267	Plasma flow reversals at the dayside magnetopause and the origin of asymmetric polar cap convection. <i>Journal of Geophysical Research</i> , <b>1990</b> , 95, 8073		205
1266	Plasma rest frame frequencies and polarizations of the low-frequency upstream waves: ISEE 1 and 2 Observations. <i>Journal of Geophysical Research</i> , <b>1983</b> , 88, 2021		205
1265	Near-Earth magnetotail shape and size as determined from the magnetopause flaring angle. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 137-152		204
1264	The GGS/POLAR magnetic fields investigation. <i>Space Science Reviews</i> , <b>1995</b> , 71, 563-582	7.5	202
1263	Determining the standoff distance of the bow shock: Mach number dependence and use of models. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 17681		201
1262	Bright carbonate deposits as evidence of aqueous alteration on (1) Ceres. <i>Nature</i> , <b>2016</b> , 536, 54-7	50.4	198
1261	Cassini magnetometer observations during Saturn orbit insertion. <i>Science</i> , <b>2005</b> , 307, 1266-70	33.3	196
1260	Properties of Stream Interactions at One AU During 1995 $\square$ 2004. <i>Solar Physics</i> , <b>2006</b> , 239, 337-392	2.6	192
1259	Patterns of potential magnetic field merging sites on the dayside magnetopause. <i>Journal of Geophysical Research</i> , <b>1984</b> , 89, 1739		191
1258	Vesta's shape and morphology. <i>Science</i> , <b>2012</b> , 336, 687-90	33.3	183
1257	Elemental mapping by Dawn reveals exogenic H in Vesta's regolith. <i>Science</i> , <b>2012</b> , 338, 242-6	33.3	181
1256	The violent collisional history of asteroid 4 Vesta. <i>Science</i> , <b>2012</b> , 336, 690-4	33.3	178
1255	The STEREO/IMPACT Magnetic Field Experiment. <i>Space Science Reviews</i> , <b>2008</b> , 136, 203-226	7.5	178
1254	The Analyser of Space Plasmas and Energetic Atoms (ASPERA-4) for the Venus Express mission. <i>Planetary and Space Science</i> , <b>2007</b> , 55, 1772-1792	2	175
1253	Electron magnetic reconnection without ion coupling in Earth's turbulent magnetosheath. <i>Nature</i> , <b>2018</b> , 557, 202-206	50.4	173
1252	Multipoint analysis of a bursty bulk flow event on April 11, 1985. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 4967-4989		170
1251	Probabilistic models of the Jovian magnetopause and bow shock locations. <i>Journal of Geophysical Research</i> , <b>2002</b> , 107, SMP 17-1		169
1250	Radial expansion of the tail current disruption during substorms: A new approach to the substorm onset region. <i>Journal of Geophysical Research</i> , <b>1992</b> , 97, 3129-3136		163

1249	The Dawn Mission to Vesta and Ceres. <i>Space Science Reviews</i> , <b>2011</b> , 163, 3-23	7.5	162
1248	The geologically recent giant impact basins at Vesta's south pole. <i>Science</i> , <b>2012</b> , 336, 694-7	33.3	161
1247	Multiple spacecraft observations of interplanetary shocks: Four spacecraft determination of shock normals. <i>Journal of Geophysical Research</i> , <b>1983</b> , 88, 4739		159
1246	Dawn arrives at Ceres: Exploration of a small, volatile-rich world. <i>Science</i> , <b>2016</b> , 353, 1008-1010	33.3	157
1245	The electron edge of low latitude boundary layer during accelerated flow events. <i>Geophysical Research Letters</i> , <b>1990</b> , 17, 1833-1836	4.9	155
1244	Observations of the dayside ionopause and ionosphere of Venus. <i>Journal of Geophysical Research</i> , <b>1980</b> , 85, 7679		155
1243	Initial results from the InSight mission on Mars. <i>Nature Geoscience</i> , <b>2020</b> , 13, 183-189	18.3	155
1242	Io's Interaction with the Plasma Torus: Galileo Magnetometer Report. <i>Science</i> , <b>1996</b> , 274, 396-398	33.3	154
1241	Observation of magnetic flux ropes in the Venus ionosphere. <i>Nature</i> , <b>1979</b> , 279, 616-618	50.4	154
1240	Plasma wave turbulence at the magnetopause: Observations from ISEE 1 and 2. <i>Journal of Geophysical Research</i> , <b>1979</b> , 84, 7043		154
1239	Comparisons of Polar satellite observations of solitary wave velocities in the plasma sheet boundary and the high altitude cusp to those in the auroral zone. <i>Geophysical Research Letters</i> , <b>1999</b> , 26, 425-428	4.9	153
1238	Characteristics of ion flow in the quiet state of the inner plasma sheet. <i>Geophysical Research Letters</i> , <b>1993</b> , 20, 1711-1714	4.9	153
1237	Dawn: A mission in development for exploration of main belt asteroids Vesta and Ceres. <i>Acta Astronautica</i> , <b>2006</b> , 58, 605-616	2.9	151
1236	Solar cycle evolution of the structure of magnetic clouds in the inner heliosphere. <i>Geophysical Research Letters</i> , <b>1998</b> , 25, 2959-2962	4.9	149
1235	Hot, diamagnetic cavities upstream from the Earth's bow shock. <i>Journal of Geophysical Research</i> , <b>1986</b> , 91, 2961		149
1234	Color and albedo heterogeneity of Vesta from Dawn. <i>Science</i> , <b>2012</b> , 336, 700-4	33.3	147
1233	Extensive water ice within Ceres' aqueously altered regolith: Evidence from nuclear spectroscopy. <i>Science</i> , <b>2017</b> , 355, 55-59	33.3	146
1232	Distribution of phyllosilicates on the surface of Ceres. <i>Science</i> , <b>2016</b> , 353,	33.3	144

1231	Dawn; the Vesta-HEED connection; and the geologic context for eucrites, diogenites, and howardites. <i>Meteoritics and Planetary Science</i> , <b>2013</b> , 48, 2090-2104	2.8	144
1230	First Results from the THEMIS Mission. <i>Space Science Reviews</i> , <b>2008</b> , 141, 453-476	7.5	143
1229	Ogo 5 observations of upstream waves in the interplanetary medium: Discrete wave packets. <i>Journal of Geophysical Research</i> , <b>1971</b> , 76, 845-861		143
1228	A partially differentiated interior for (1) Ceres deduced from its gravity field and shape. <i>Nature</i> , <b>2016</b> , 537, 515-517	50.4	143
1227	The thickness of the magnetosheath: Constraints on the polytropic index. <i>Geophysical Research Letters</i> , <b>1991</b> , 18, 1821-1824	4.9	142
1226	Magnetic field observations in comet Halley's coma. <i>Nature</i> , <b>1986</b> , 321, 288-289	50.4	140
1225	Delivery of dark material to Vesta via carbonaceous chondritic impacts. <i>Icarus</i> , <b>2012</b> , 221, 544-559	3.8	139
1224	The loss of ions from Venus through the plasma wake. <i>Nature</i> , <b>2007</b> , 450, 650-3	50.4	139
1223	The resolved layer of a collisionless, high $\beta$ supercritical, quasi-perpendicular shock wave: 1. Rankine-Hugoniot geometry, currents, and stationarity. <i>Journal of Geophysical Research</i> , <b>1986</b> , 91, 11019		139
1222	Initial pioneer venus magnetic field results: dayside observations. <i>Science</i> , <b>1979</b> , 203, 745-8	33.3	139
1221	Electron-scale dynamics of the diffusion region during symmetric magnetic reconnection in space. <i>Science</i> , <b>2018</b> , 362, 1391-1395	33.3	139
1220	Slow mode transition in the frontside magnetosheath. <i>Journal of Geophysical Research</i> , <b>1992</b> , 97, 8295		137
1219	Loss of the Martian atmosphere to space: Present-day loss rates determined from MAVEN observations and integrated loss through time. <i>Icarus</i> , <b>2018</b> , 315, 146-157	3.8	136
1218	Cryovolcanism on Ceres. <i>Science</i> , <b>2016</b> , 353,	33.3	135
1217	Dark material on Vesta from the infall of carbonaceous volatile-rich material. <i>Nature</i> , <b>2012</b> , 491, 83-6	50.4	134
1216	Warping of Saturn's magnetospheric and magnetotail current sheets. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		132
1215	MAVEN observations of the response of Mars to an interplanetary coronal mass ejection. <i>Science</i> , <b>2015</b> , 350, aad0210	33.3	131
1214	Titan's magnetic field signature during the first Cassini encounter. <i>Science</i> , <b>2005</b> , 308, 992-5	33.3	130

1213	Ogo 5 observations of the polar cusp on November 1, 1968. <i>Journal of Geophysical Research</i> , <b>1971</b> , 76, 6743-6764		129
1212	Evidence for quasi-stationary reconnection at the dayside magnetopause. <i>Journal of Geophysical Research</i> , <b>1982</b> , 87, 2147		127
1211	Modeling the size and shape of Saturn's magnetopause with variable dynamic pressure. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		126
1210	Reconnection at the high-latitude magnetopause during northward interplanetary magnetic field conditions. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 25467-25488		126
1209	Standing hydromagnetic waves observed by ISEE 1 and 2: Radial extent and harmonic. <i>Journal of Geophysical Research</i> , <b>1982</b> , 87, 3519		126
1208	Ionospheric mass ejection in response to a CME. <i>Geophysical Research Letters</i> , <b>1999</b> , 26, 2339-2342	4.9	124
1207	The ionotail of Venus: Its configuration and evidence for ion escape. <i>Journal of Geophysical Research</i> , <b>1987</b> , 92, 15		124
1206	Localized aliphatic organic material on the surface of Ceres. <i>Science</i> , <b>2017</b> , 355, 719-722	33.3	122
1205	Cratering on Ceres: Implications for its crust and evolution. <i>Science</i> , <b>2016</b> , 353,	33.3	121
1204	Mirror instability in the magnetosphere of comet Halley. <i>Geophysical Research Letters</i> , <b>1987</b> , 14, 644-647	4.9	121
1203	The average magnetic field draping and consistent plasma properties of the Venus magnetotail. <i>Journal of Geophysical Research</i> , <b>1986</b> , 91, 7939		119
1202	Detection of local H <sub>2</sub> O exposed at the surface of Ceres. <i>Science</i> , <b>2016</b> , 353,	33.3	118
1201	Cusp energetic particle events: Implications for a major acceleration region of the magnetosphere. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 69-78		118
1200	Factors controlling degree of correlation between ISEE 1 and ISEE 3 interplanetary magnetic field measurements. <i>Journal of Geophysical Research</i> , <b>1982</b> , 87, 2224		118
1199	The Galileo magnetic field investigation. <i>Space Science Reviews</i> , <b>1992</b> , 60, 357	7.5	117
1198	Characteristics of the Marslike limit of the Venus-solar wind interaction. <i>Journal of Geophysical Research</i> , <b>1987</b> , 92, 8545		116
1197	Multispacecraft modeling of the flux rope structure of interplanetary coronal mass ejections: Cylindrically symmetric versus nonsymmetric topologies. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 10581-10596		115
1196	Morphology of the ring current derived from magnetic field observations. <i>Annales Geophysicae</i> , <b>2004</b> , 22, 1267-1295	2	113



1195	Photometric analysis of 1 Ceres and surface mapping from HST observations. <i>Icarus</i> , <b>2006</b> , 182, 143-160	3.8	112
1194	Structure and properties of the subsolar magnetopause for northward IMF: ISEE observations. <i>Journal of Geophysical Research</i> , <b>1990</b> , 95, 6375		112
1193	The magnetic barrier at Venus. <i>Journal of Geophysical Research</i> , <b>1991</b> , 96, 11145		112
1192	Upstream waves at Mars: Phobos observations. <i>Geophysical Research Letters</i> , <b>1990</b> , 17, 897-900	4.9	111
1191	Evidence for the tailward retreat of a magnetic neutral line in the magnetotail during substorm recovery. <i>Geophysical Research Letters</i> , <b>1981</b> , 8, 261-264	4.9	111
1190	Comparing Solar Minimum 23/24 with Historical Solar Wind Records at 1 AU. <i>Solar Physics</i> , <b>2011</b> , 274, 321-344	2.6	110
1189	How unprecedented a solar minimum?. <i>Reviews of Geophysics</i> , <b>2010</b> , 48,	23.1	110
1188	Proxy studies of energy transfer to the magnetosphere. <i>Journal of Geophysical Research</i> , <b>1991</b> , 96, 9541		110
1187	THEMIS Ground-Based Magnetometers. <i>Space Science Reviews</i> , <b>2008</b> , 141, 389-412	7.5	108
1186	Multispacecraft observation of magnetic cloud erosion by magnetic reconnection during propagation. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		107
1185	Pioneer Venus Orbiter Fluxgate Magnetometer. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>1980</b> , GE-18, 32-35	8.1	107
1184	ION CYCLOTRON WAVES IN THE SOLAR WIND OBSERVED BY STEREO NEAR 1 AU. <i>Astrophysical Journal</i> , <b>2009</b> , 701, L105-L109	4.7	106
1183	Global Configuration of a Magnetic Cloud. <i>Geophysical Monograph Series</i> , <b>1990</b> , 373-377	1.1	106
1182	Sublimation in bright spots on (1) Ceres. <i>Nature</i> , <b>2015</b> , 528, 237-40	50.4	105
1181	Cassini observations of the variation of Saturn's ring current parameters with system size. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112, n/a-n/a		104
1180	Dawn Mission to Vesta and Ceres. <i>Earth, Moon and Planets</i> , <b>2007</b> , 101, 65-91	0.6	104
1179	Electron Heating Within the Earth's Bow Shock. <i>Physical Review Letters</i> , <b>1982</b> , 49, 199-201	7.4	104
1178	DETECTION OF WIDESPREAD HYDRATED MATERIALS ON VESTA BY THE VIR IMAGING SPECTROMETER ON BOARD THE DAWN MISSION. <i>Astrophysical Journal Letters</i> , <b>2012</b> , 758, L36	7.9	103

1177	THE VERY UNUSUAL INTERPLANETARY CORONAL MASS EJECTION OF 2012 JULY 23: A BLAST WAVE MEDIATED BY SOLAR ENERGETIC PARTICLES. <i>Astrophysical Journal</i> , <b>2013</b> , 770, 38	4.7	103
1176	A regular period for Saturn's magnetic field that may track its internal rotation. <i>Nature</i> , <b>2006</b> , 441, 62-4	50.4	103
1175	The distribution of reconnection geometry in flux transfer events using energetic ion, plasma and magnetic data. <i>Journal of Geophysical Research</i> , <b>1984</b> , 89, 3843		102
1174	Composition and structure of the shallow subsurface of Ceres revealed by crater morphology. <i>Nature Geoscience</i> , <b>2016</b> , 9, 538-542	18.3	100
1173	The interior structure of Ceres as revealed by surface topography. <i>Earth and Planetary Science Letters</i> , <b>2017</b> , 476, 153-164	5.3	99
1172	Magnetic field rotation through the magnetopause: ISEE 1 and 2 observations. <i>Journal of Geophysical Research</i> , <b>1982</b> , 87, 8139		99
1171	The importance of plasma conditions for magnetic reconnection at Saturn's magnetopause. <i>Geophysical Research Letters</i> , <b>2012</b> , 39, n/a-n/a	4.9	98
1170	Solar and interplanetary control of the location of the Venus bow shock. <i>Journal of Geophysical Research</i> , <b>1988</b> , 93, 5461		98
1169	A test of Lee's quasi-linear theory of ion acceleration by interplanetary traveling shocks. <i>Journal of Geophysical Research</i> , <b>1986</b> , 91, 11917		98
1168	Distinctive space weathering on Vesta from regolith mixing processes. <i>Nature</i> , <b>2012</b> , 491, 79-82	50.4	97
1167	Magnetic flux ropes in the Venus ionosphere: Observations and models. <i>Journal of Geophysical Research</i> , <b>1983</b> , 88, 58		97
1166	Field-aligned currents in the Earth's magnetotail. <i>Journal of Geophysical Research</i> , <b>1981</b> , 86, 687		97
1165	A state-of-the-art picture of substorm-associated evolution of the near-Earth magnetotail obtained from superposed epoch analysis. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		96
1164	The magnetotail of Mars: Phobos observations. <i>Geophysical Research Letters</i> , <b>1990</b> , 17, 885-888	4.9	96
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