John T Wasson

List of Publications by Year
in descending order

206	14,307	9756 73	24915 109
papers	citations	h-index	g-index

207	207	207	2932
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Campo del Cielo: A Campo by any other name. Meteoritics and Planetary Science, 2019, 54, 280-289.	0.7	5
2	Secondary melting events in Semarkona chondrules revealed by compositional zoning in low-Ca pyroxene. Geochimica Et Cosmochimica Acta, 2017, 211, 256-279.	1.6	34
3	The Anoka, Minnesota iron meteorite as parent to Hopewell meteoritic metal beads from Havana, Illinois. Journal of Archaeological Science, 2017, 81, 13-22.	1.2	9
4	Formation of non-magmatic iron-meteorite group IIE. Geochimica Et Cosmochimica Acta, 2017, 197, 396-416.	1.6	43
5	Formation of the Treysa quintet and the main-group pallasites by impact-generated processes in the IIIAB asteroid. Meteoritics and Planetary Science, 2016, 51, 773-784.	0.7	9
6	Variations in impact effects among <scp>IIIE</scp> iron meteorites. Meteoritics and Planetary Science, 2016, 51, 1611-1631.	0.7	33
7	The VicÃªncia meteorite fall: A new unshocked (S1) weakly metamorphosed (3.2) <scp>LL</scp> chondrite. Meteoritics and Planetary Science, 2015, 50, 1089-1111.	0.7	14
8	Shock effects in the Willamette ungrouped iron meteorite. Meteoritics and Planetary Science, 2015, 50, 1984-1994.	0.7	22
9	Absence of matrixâ€like chondrule rims in <scp>CR</scp>2 <scp>LAP</scp> 02342. Meteoritics and Planetary Science, 2014, 49, 245-260.	0.7	7
10	R-chondrite bulk-chemical compositions and diverse oxides: Implications for parent-body processes. Geochimica Et Cosmochimica Acta, 2014, 124, 131-151.	1.6	36
11	Progressive aqueous alteration of CR carbonaceous chondrites. Geochimica Et Cosmochimica Acta, 2014, 139, 267-292.	1.6	113
12	Vesta and extensively melted asteroids: Why HED meteorites are probably not from Vesta. Earth and Planetary Science Letters, 2013, 381, 138-146.	1.8	44
13	Compositional and petrographic similarities of CV and CK chondrites: A single group with variations in textures and volatile concentrations attributable to impact heating, crushing and oxidation. Geochimica Et Cosmochimica Acta, 2013, 108, 45-62.	1.6	42
14	Low-Ir IAB irons from Morasko and other locations in central Europe: One fall, possibly distinct from IAB-MG. Meteoritics and Planetary Science, 2013, 48, 2531-2541.	0.7	12
15	Co/Ni ratios at taenite/kamacite interfaces and relative cooling rates in iron meteorites. Geochimica Et Cosmochimica Acta, 2012, 84, 508-524.	1.6	14
16	Mariboâ€”A new CM fall from Denmark. Meteoritics and Planetary Science, 2012, 47, 30-50.	0.7	71
17	Fractionated matrix composition in CV3 Vigarano and alteration processes on the CV parent asteroid. Meteoritics and Planetary Science, 2012, 47, 1035-1048.	0.7	9
18	Relationship between iron-meteorite composition and size: Compositional distribution of irons from North Africa. Geochimica Et Cosmochimica Acta, 2011, 75, 1757-1772.	1.6	27

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19	Shock effects in â€œEH6â€•enstatite chondrites and implications for collisional heating of the EH and EL parent asteroids. Geochimica Et Cosmochimica Acta, 2011, 75, 3757-3780.	1.6	46
20	Metal in CR chondrites. Geochimica Et Cosmochimica Acta, 2010, 74, 2212-2230.	1.6	38
21	Metalâ€“silicate silicon isotope fractionation in enstatite meteorites and constraints on Earth's core formation. Earth and Planetary Science Letters, 2010, 295, 487-496.	1.8	90
22	Matrix and whole-rock fractionations in the Acfer 094 type 3.0 ungrouped carbonaceous chondrite. Meteoritics and Planetary Science, 2010, 45, 73.	0.7	15
23	Carbonates in CM chondrites: Complex formational histories and comparison to carbonates in CI chondrites. Meteoritics and Planetary Science, 2010, 45, 513-530.	0.7	79
24	Compositions and taxonomy of 15 unusual carbonaceous chondrites. Meteoritics and Planetary Science, 2010, 45, 531-554.	0.7	71
25	Clastic matrix in EH3 chondrites. Meteoritics and Planetary Science, 2009, 44, 589-601.	0.7	41
26	Composition of matrix in the CR chondrite LAP 02342. Geochimica Et Cosmochimica Acta, 2009, 73, 1436-1460.	1.6	68
27	Possible impact-induced refractory-lithophile fractionations in EL chondrites. Geochimica Et Cosmochimica Acta, 2009, 73, 1523-1537.	1.6	33
28	The IIG iron meteorites: Probable formation in the IIAB core. Geochimica Et Cosmochimica Acta, 2009, 73, 4879-4890.	1.6	52
29	53Mnâ€“53Cr systematics of carbonates in CM chondrites: Implications for the timing and duration of aqueous alteration. Geochimica Et Cosmochimica Acta, 2009, 73, 7433-7442.	1.6	61
30	The Twannberg (Switzerland) IIG iron meteorites: Mineralogy, chemistry, and CRE ages. Meteoritics and Planetary Science, 2009, 44, 187-199.	0.7	15
31	Exposing metal and silicate charges to electrical discharges: Did chondrules form by nebular lightning?. Icarus, 2008, 195, 504-510.	1.1	20
32	Evaporation of nebular fines during chondrule formation. Icarus, 2008, 195, 895-907.	1.1	32
33	Formation of IIAB iron meteorites. Geochimica Et Cosmochimica Acta, 2007, 71, 760-781.	1.6	100
34	Progressive aqueous alteration of CM carbonaceous chondrites. Geochimica Et Cosmochimica Acta, 2007, 71, 2361-2382.	1.6	421
35	Memorial: George West Wetherill (1925â€“2006). Meteoritics and Planetary Science, 2007, 42, 149-150.	0.7	0
36	Non-nebular origin of dark mantles around chondrules and inclusions in CM chondrites. Geochimica Et Cosmochimica Acta, 2006, 70, 1271-1290.	1.6	111

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37	Compositional trends among IID irons; their possible formation from the P-rich lower magma in a two-layer core. Geochimica Et Cosmochimica Acta, 2006, 70, 6153-6167.	1.6	39
38	Silica and pyroxene in IVA irons; possible formation of the IVA magma by impact melting and reduction of L-LL-chondrite materials followed by crystallization and cooling. Geochimica Et Cosmochimica Acta, 2006, 70, 3149-3172.	1.6	56
39	Siderophile-element anomalies in CK carbonaceous chondrites: Implications for parent-body aqueous alteration and terrestrial weathering of sulfides. Geochimica Et Cosmochimica Acta, 2006, 70, 4019-4037.	1.6	35
40	Non-spherical lobate chondrules in CO3.0 Y-81020: General implications for the formation of low-FeO porphyritic chondrules in CO chondrites. Geochimica Et Cosmochimica Acta, 2005, 69, 211-220.	1.6	31
41	Carbon-rich chondritic clast PV1 from the Plainview H-chondrite regolith breccia: Formation from H3 chondrite material by possible cometary impact. Geochimica Et Cosmochimica Acta, 2005, 69, 3419-3430.	1.6	31
42	Oxygen-isotopic compositions of low-FeO relicts in high-FeO host chondrules in Acfer 094, a type 3.0 carbonaceous chondrite closely related to CM. Geochimica Et Cosmochimica Acta, 2005, 69, 3831-3840.	1.6	43
43	Pt-Re-Os systematics of group IIAB and IIIAB iron meteorites 1 1Associate editor: G. Herzog. Geochimica Et Cosmochimica Acta, 2004, 68, 1413-1431.	1.6	86
44	Initial 26Al/27Al in carbonaceous-chondrite chondrules: too little 26Al to melt asteroids. Geochimica Et Cosmochimica Acta, 2004, 68, 2947-2957.	1.6	106
45	Oxygen-isotopic compositions of relict and host grains in chondrules in the Yamato 81020 CO3.0 chondrite. Geochimica Et Cosmochimica Acta, 2004, 68, 3599-3606.	1.6	58
46	Beryllium-10 in Australasian tektites: Constraints on the location of the source crater. Geochimica Et Cosmochimica Acta, 2004, 68, 3883-3896.	1.6	75
47	Evidence in CO3.0 chondrules for a drift in the O isotopic composition of the solar nebula. Meteoritics and Planetary Science, 2004, 39, 1591-1598.	0.7	23
48	Ubiquitous low-FeO relict grains in type II chondrules and limited overgrowths on phenocrysts following the final melting event. Geochimica Et Cosmochimica Acta, 2003, 67, 2239-2250.	1.6	70
49	Formation of metal and silicate globules in Gujba: a new Bencubbin-like meteorite fall. Geochimica Et Cosmochimica Acta, 2003, 67, 3283-3298.	1.6	121
50	Microscale oxygen isotopic exchange and magnetite formation in the Ningqiang anomalous carbonaceous chondrite. Geochimica Et Cosmochimica Acta, 2003, 67, 4655-4660.	1.6	21
51	Main-group pallasites. Geochimica Et Cosmochimica Acta, 2003, 67, 3079-3096.	1.6	114
52	Large Aerial Bursts: An Important Class of Terrestrial Accretionary Events. Astrobiology, 2003, 3, 163-179.	1.5	70
53	the IAB iron-meteorite complex: A group, five subgroups, numerous grouplets, closely related, mainly formed by crystal segregation in rapidly cooling melts. Geochimica Et Cosmochimica Acta, 2002, 66, 2445-2473.	1.6	223
54	A AB-complex iron meteorite containing low-Ca clinopyroxene. Geochimica Et Cosmochimica Acta, 2002, 66, 3657-3671.	1.6	12

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55	Extremely rapid cooling of a carbonaceous-chondrite chondrule containing very 16O-rich olivine and a 26Mg-excess. Geochimica Et Cosmochimica Acta, 2002, 66, 4355-4363.	1.6	86
56	Mineralogy and petrology of amoeboid olivine inclusions in CO3 chondrites: Relationship to parentâ€body aqueous alteration. Meteoritics and Planetary Science, 2002, 37, 1781-1796.	0.7	116
57	Willow Grove: A unique nickelâ€rich ataxite from Victoria, Australia. Meteoritics and Planetary Science, 2001, 36, A247.	0.7	6
58	The Portales Valley meteorite breccia: evidence for impact-induced melting and metamorphism of an ordinary chondrite. Geochimica Et Cosmochimica Acta, 2001, 65, 323-342.	1.6	93
59	Fractionation trends among IVA iron meteorites: contrasts with IIIAB trends. Geochimica Et Cosmochimica Acta, 2001, 65, 951-970.	1.6	102
60	16 O-rich melilite in CO3.0 chondrites: possible formation of common, 16 O-poor melilite by aqueous alteration. Geochimica Et Cosmochimica Acta, 2001, 65, 4539-4549.	1.6	75
61	Chondrules in the LEW85332 ungrouped carbonaceous chondrite: fractionation processes in the solar nebula. Geochimica Et Cosmochimica Acta, 2000, 64, 1279-1290.	1.6	14
62	Oxygen isotopes in R-chondrite magnetite and olivine: links between R chondrites and ordinary chondrites. Geochimica Et Cosmochimica Acta, 2000, 64, 3897-3911.	1.6	46
63	Oxygen isotopes in magnetite and fayalite in CV chondrites Kaba and Mokoia. Meteoritics and Planetary Science, 2000, 35, 1239-1248.	0.7	54
64	Oxygen-isotopic evolution of the solar nebula. Reviews of Geophysics, 2000, 38, 491-512.	9.0	44
65	Massive chromite in the Brenham pallasite and the fractionation of Cr during the crystallization of asteroidal cores. Geochimica Et Cosmochimica Acta, 1999, 63, 1219-1232.	1.6	57
66	Troilite in the chondrules of type-3 ordinary chondrites: implications for chondrule formation. Geochimica Et Cosmochimica Acta, 1999, 63, 2281-2298.	1.6	72
67	Trapped melt in IIIAB irons; solid/liquid elemental partitioning during the fractionation of the IIIAB magma. Geochimica Et Cosmochimica Acta, 1999, 63, 2875-2889.	1.6	113
68	Extreme oxygen-isotope compositions in magnetite from unequilibrated ordinary chondrites. Nature, 1998, 392, 577-579.	13.7	122
69	New Chilean iron meteorites: Medium octahedrites from Northern Chile are unique. Meteoritics and Planetary Science, 1998, 33, 175-179.	0.7	11
70	Paucity of sulfide in a large slab of Esquel: New perspectives on pallasite formation. Meteoritics and Planetary Science, 1998, 33, 221-227.	0.7	74
71	Chemical Classification of Iron Meteorites: XII. New Members of the Magmatic Groups. Geochimica Et Cosmochimica Acta, 1998, 62, 715-724.	1.6	82
72	Carbide-magnetite assemblages in type-3 ordinary chondrites. Geochimica Et Cosmochimica Acta, 1997, 61, 219-237.	1.6	133

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73	Origin of magnetite in oxidized CV chondrites: in situ measurement of oxygen isotope compositions of Allende magnetite and olivine. Earth and Planetary Science Letters, 1997, 146, 337-349.	1.8	66
74	The compositional classification of chondrites: VII. The R chondrite group. Geochimica Et Cosmochimica Acta, 1996, 60, 2243-2256.	1.6	157
75	Mbosi: An anomalous iron with unique silicate inclusions. Meteoritics and Planetary Science, 1996, 31, 633-639.	0.7	5
76	Excavation and analysis of layered tektites from northeast Thailand: Results of 1994 field expedition. Meteoritics and Planetary Science, 1996, 31, 36-41.	0.7	24
77	Classification and origin of IAB and IIICD iron meteorites. Geochimica Et Cosmochimica Acta, 1995, 59, 593-612.	1.6	146
78	Compound chondrules. Geochimica Et Cosmochimica Acta, 1995, 59, 1847-1869.	1.6	100
79	Igneous rims on low-FeO and high-FeO chondrules in ordinary chondrites. Geochimica Et Cosmochimica Acta, 1995, 59, 4951-4966.	1.6	70
80	Field recovery of layered tektites in northeast Thailand. Journal of Geophysical Research, 1995, 100, 14383.	3.3	13
81	The compositional classification of chondrites: VI. The CR carbonaceous chondrite group. Geochimica Et Cosmochimica Acta, 1994, 58, 2873-2888.	1.6	184
82	Fayalite-silica association in unequilibrated ordinary chondrites: Evidence for aqueous alteration on a parent body. Earth and Planetary Science Letters, 1994, 122, 403-416.	1.8	28
83	Silicaâ€merrihueite/roedderiteâ€bearing chondrules and clasts in ordinary chondrites: New occurrences and possible origin. Meteoritics, 1994, 29, 707-718.	1.5	48
84	Equilibration temperatures of EL chondrites: A major downward revision in the ferrosilite contents of enstatite. Meteoritics, 1994, 29, 658-662.	1.5	25
85	The origin of chromitic chondrules and the volatility of Cr under a range of nebular conditions. Earth and Planetary Science Letters, 1993, 119, 569-584.	1.8	24
86	Tektites and climate. Journal of Geophysical Research, 1993, 98, 3043-3052.	3.3	19
87	Reduction during metamorphism of four ordinary chondrites. Geochimica Et Cosmochimica Acta, 1993, 57, 1867-1878.	1.6	54
88	Iridium anomaly associated with the Australasian tektite-producing impact: Masses of the impactor and of the Australasian tektites. Geochimica Et Cosmochimica Acta, 1993, 57, 4851-4859.	1.6	35
89	Constraints on chondrule origins. Meteoritics, 1993, 28, 14-28.	1.5	86
90	A 10.8â€kg layered (Muongâ€Nongâ€type) tektite from Wenchang, Hainan, China. Meteoritics, 1993, 28, 136-137.	1.5	6

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91	Origin of metallic Fe-Ni in Renazzo and related chondrites. Geochimica Et Cosmochimica Acta, 1992, 56, 2521-2533.	1.6	65
92	Layered tektites: a multiple impact origin for the Australasian tektites. Earth and Planetary Science Letters, 1991, 102, 95-109.	1.8	63
93	The compositional classification of chondrites: V. The Karoonda (CK) group of carbonaceous chondrites. Geochimica Et Cosmochimica Acta, 1991, 55, 881-892.	1.6	223
94	The histories of ordinary chondrite parent bodies: U,Thâ€He age distributions. Meteoritics, 1991, 26, 161-167.	1.5	50
95	Naked stars and hot meteorites. Nature, 1990, 345, 208-209.	13.7	1
96	Compositional range in the Canyon Diablo meteoroid. Geochimica Et Cosmochimica Acta, 1990, 54, 3175-3183.	1.6	27
97	Compositions of large metal nodules in mesosiderites: Links to iron meteorite group IIIAB and the origin of mesosiderite subgroups. Geochimica Et Cosmochimica Acta, 1990, 54, 3197-3208.	1.6	83
98	Oxygen isotopes in chondrules and coarse-grained chondrule rims from the Allende meteorite. Earth and Planetary Science Letters, 1990, 96, 247-255.	1.8	72
99	Allan Hills 85085: A subchondritic meteorite of mixed nebular and regolithic heritage. Earth and Planetary Science Letters, 1990, 101, 148-161.	1.8	88
100	Chemical classification of iron meteorites: XI. Multi-element studies of 38 new irons and the high abundance of ungrouped irons from Antarctica. Geochimica Et Cosmochimica Acta, 1989, 53, 735-744.	1.6	115
101	Ordinary chondrites: Bulk compositions, classification, lithophile-element fractionations and composition-petrographic type relationships. Geochimica Et Cosmochimica Acta, 1989, 53, 2747-2767.	1.6	315
102	Chondrules and matrix in the Ornans CO3 meteorite: Possible precursor components. Geochimica Et Cosmochimica Acta, 1988, 52, 425-432.	1.6	56
103	The Ningqiang Meteorite: Classification and Petrology of an Anomalous CV Chondrite. Meteoritics, 1988, 23, 13-23.	1.5	56
104	Trace Element Partitioning between Taenite and Kamacite; Relationship to the Cooling Rates of Iron Meteorites. Meteoritics, 1988, 23, 107-112.	1.5	35
105	Compositional Study of a Suite of Samples from the 28â€t Armanty (Xinjiang) Iron Meteorite. Meteoritics, 1988, 23, 365-369.	1.5	13
106	Chondrules, matrix and coarse-grained chondrule rims in the Allende meteorite: Origin, interrelationships and possible precursor components. Geochimica Et Cosmochimica Acta, 1987, 51, 1923-1937.	1.6	137
107	Ru, Re, Os, Pt and Au in iron meteorites. Geochimica Et Cosmochimica Acta, 1987, 51, 1717-1726.	1.6	130
108	Compositional evidence regarding the origins of rims on Semarkona chondrules. Geochimica Et Cosmochimica Acta, 1987, 51, 3003-3011.	1.6	32

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109	Properties of the Guin ungrouped iron meteorite: the origin of Guin and of group-IIE irons. Earth and Planetary Science Letters, 1986, 76, 209-226.	1.8	59
110	Compositions of enstatite (EH3, EH4,5 and EL6) chondrites: Implications regarding their formation. Geochimica Et Cosmochimica Acta, 1986, 50, 2153-2164.	1.6	130
111	Chondrules in the Murray CM2 meteorite and compositional differences between CM-CO and ordinary chondrite chondrules. Geochimica Et Cosmochimica Acta, 1986, 50, 307-315.	1.6	82
112	Composition and formation of metal nodules and veins in ordinary chondrites. Geochimica Et Cosmochimica Acta, 1986, 50, 1989-1995.	1.6	55
113	A nonmagmatic origin of group-IIE iron meteorites. Geochimica Et Cosmochimica Acta, 1986, 50, 725-732.	1.6	113
114	Formation of mesosiderites by low-velocity impacts as a natural consequence of planet formation. Nature, 1985, 318, 168-170.	13.7	55
115	BOCAIUVAâ€”A SILICATEâ€INCLUSION BEARING IRON METEORITE RELATED TO THE EAGLEâ€STATION PALLASITES. Meteoritics, 1985, 20, 259-273.	1.5	36
116	Chondrules in the Qingzhen type-3 enstatite chondrite: Possible precursor components and comparison to ordinary chondrite chondrules. Geochimica Et Cosmochimica Acta, 1985, 49, 1781-1795.	1.6	105
117	The compositional classification of chondrites: IV. Ungrouped chondritic meteorites and clasts. Geochimica Et Cosmochimica Acta, 1985, 49, 261-270.	1.6	81
118	The origin and history of the metal and sulfide components of chondrules. Geochimica Et Cosmochimica Acta, 1985, 49, 925-939.	1.6	128
119	Siderophile interelement variations in the Cretaceous-Tertiary boundary sediments from Caravaca, Spain. Earth and Planetary Science Letters, 1985, 73, 183-195.	1.8	109
120	Chemical classification of iron meteoritesâ€”X. Multielement studies of 43 irons, resolution of group IIIE from IIIAB, and evaluation of Cu as a taxonomic parameter. Geochimica Et Cosmochimica Acta, 1984, 48, 785-804.	1.6	116
121	Compositional trends and cooling rates of group IVB iron meteorites. Geochimica Et Cosmochimica Acta, 1984, 48, 805-813.	1.6	52
122	Metal and associated phases in Krymka and Chainpur: Nebular formational processes. Geochimica Et Cosmochimica Acta, 1984, 48, 1885-1897.	1.6	53
123	Refractory precursor components of Semarkona chondrules and the fractionation of refractory elements among chondrites. Geochimica Et Cosmochimica Acta, 1983, 47, 759-771.	1.6	114
124	Composition and origin of clasts and inclusions in the Abee enstatite chondrite breccia. Earth and Planetary Science Letters, 1983, 62, 180-192.	1.8	51
125	Petrology and chemistry of two â€œlargeâ€•granite clasts from the moon. Earth and Planetary Science Letters, 1983, 64, 175-185.	1.8	132
126	Seventh Foray: Whitlockiteâ€rich lithologies, a diopsideâ€bearing troctolitic anorthosite, Ferroan anorthosites, and KREEP. Journal of Geophysical Research, 1983, 88, B151.	3.3	52

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127	Sixth foray for pristine nonmare rocks and an assessment of the diversity of lunar anorthosites. Journal of Geophysical Research, 1983, 88, A615.	3.3	52
128	The compositional classification of some Chinese iron meteorites. Geochemistry, 1983, 2, 34-44.	0.1	5
129	Geochemical constraints on the nature of large accretionary events. Special Paper of the Geological Society of America, 1982, , 235-242.	0.5	14
130	Fine, nickel-poor Fe-Ni grains in the olivine of unequilibrated ordinary chondrites. Geochimica Et Cosmochimica Acta, 1982, 46, 929-939.	1.6	69
131	Evidence for primitive nebular components in chondrules from the Chainpur chondrite. Geochimica Et Cosmochimica Acta, 1982, 46, 1081-1099.	1.6	109
132	Systematic compositional variations in the Cape York iron meteorite. Geochimica Et Cosmochimica Acta, 1982, 46, 1913-1920.	1.6	54
133	The compositional classification of chondrites: II The enstatite chondrite groups. Geochimica Et Cosmochimica Acta, 1982, 46, 597-608.	1.6	139
134	The compositional classification of chondrites: III. Ungrouped carbonaceous chondrites. Geochimica Et Cosmochimica Acta, 1982, 46, 2217-2228.	1.6	106
135	The role of S in the evolution of the parental cores of the iron meteorites. Geochimica Et Cosmochimica Acta, 1982, 46, 2419-2426.	1.6	68
136	Composition and classification of clasts in the St. Mesmin LL chondrite breccia. Earth and Planetary Science Letters, 1981, 54, 367-378.	1.8	9
137	Metal and associated phases in Bishunpur, a highly unequilibrated ordinary chondrite. Geochimica Et Cosmochimica Acta, 1981, 45, 1001-1015.	1.6	97
138	The compositional classification of chondritesâ€"I. The carbonaceous chondrite groups. Geochimica Et Cosmochimica Acta, 1981, 45, 1217-1230.	1.6	309
139	High noble metal concentrations in a late Pliocene sediment. Nature, 1981, 292, 417-420.	13.7	75
140	Instrumental Meutron Activation Analysis of Iron Meteorites. Radiochimica Acta, 1981, 29, 45-52.	0.5	21
141	Origin of Iron Meteorite Groups IAB and IIICD. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1980, 35, 781-795.	0.7	98
142	THE PARSA ENSTATITE CHONDRITE. Meteoritics, 1980, 15, 225-233.	1.5	51
143	Contribution of the mantle to the lunar asymmetry. Icarus, 1980, 44, 752-771.	1.1	56
144	Si-rich Feâ€"Ni grains in highly unequilibrated chondrites. Nature, 1980, 287, 817-820.	13.7	33

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145	Siderophile-enriched sediments from the Cretaceousâ€“Tertiary boundary. Nature, 1980, 288, 651-656.	13.7	178
146	Composition of the metal phases in ordinary chondrites: implications regarding classification and metamorphism. Geochimica Et Cosmochimica Acta, 1980, 44, 431-446.	1.6	170
147	Chemical classification of iron meteoritesâ€”IX. A new group (IIF), revision of IAB and IIICD, and data on 57 additional irons. Geochimica Et Cosmochimica Acta, 1980, 44, 773-787.	1.6	105
148	Nebular condensation of Ga, Ge and Sb and the chemical classification of iron meteorites. Nature, 1979, 282, 790-793.	13.7	70
149	Refractory element fractionations among carbonaceous chondrite groups. Nature, 1979, 282, 827-829.	13.7	7
150	The origin of KREEP. Reviews of Geophysics, 1979, 17, 73-88.	9.0	405
151	Cutting the Old Woman Meteorite. Eos, 1979, 60, 522.	0.1	0
152	Volatiles in chainpur chondrules. Geophysical Research Letters, 1979, 6, 597-600.	1.5	36
153	Mesosiderites and howardites: igneous formation and possible genetic relationships. Geochimica Et Cosmochimica Acta, 1979, 43, 673-688.	1.6	51
154	Formation of the Bencubbin polymict meteoritic breccia. Geochimica Et Cosmochimica Acta, 1978, 42, 507-515.	1.6	61
155	Cooling rates of group IVA iron meteorites. Earth and Planetary Science Letters, 1978, 40, 141-150.	1.8	39
156	A core origin for group IVA iron meteorites: a reply to Moren and Goldstein. Earth and Planetary Science Letters, 1978, 40, 162-167.	1.8	20
157	FOUR NEW IRON METEORITE FINDS. Meteoritics, 1977, 12, 425-436.	1.5	8
158	Nebular condensation of moderately volatile elements and their abundances in ordinary chondrites. Earth and Planetary Science Letters, 1977, 36, 1-13.	1.8	243
159	Reply to Edward Anders: A discussion of alternative models for explaining the distribution of moderately volatile elements in ordinary chondrites. Earth and Planetary Science Letters, 1977, 36, 21-28.	1.8	28
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