

Alexander N Krot

List of Publications by Year in descending order

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187
papers

13,360
citations

19608

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24915

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190
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times ranked

3602
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#	ARTICLE	IF	CITATIONS
1	The trace element composition of chondrule constituents: Implications for sample return methodologies and the chondrule silicate reservoir. <i>Meteoritics and Planetary Science</i> , 2022, 57, 429-449.	0.7	0
2	Impact plume-formed and protoplanetary disk high-temperature components in CB and CH metal-rich carbonaceous chondrites. <i>Meteoritics and Planetary Science</i> , 2022, 57, 352-380.	0.7	3
3	Mineralogy, petrology, and oxygen-isotope compositions of magnetite-fayalite assemblages in CO3, CV3, and LL3 chondrites. <i>Meteoritics and Planetary Science</i> , 2022, 57, 392-428.	0.7	3
4	Complementary nucleosynthetic isotope anomalies of Mo and W in chondrules and matrix in the Allende carbonaceous chondrite: The case for hydrothermal metamorphism and its implications. <i>Meteoritics and Planetary Science</i> , 2022, 57, 450-471.	0.7	5
5	Oxygen isotope variations in Mg-rich olivines from type I chondrules in carbonaceous chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 319, 73-93.	1.6	2
6	John T. Wasson (1934-2020). <i>Meteoritics and Planetary Science</i> , 2022, 57, 161-162.	0.7	0
7	Edward R. D. Scott (1947-2021): A tribute to an exceptional scientist and wonderful man. <i>Meteoritics and Planetary Science</i> , 2022, 57, 154-157.	0.7	0
8	On the nature of oxygen-isotope heterogeneity of igneous calcium-aluminum-rich inclusions in cv carbonaceous chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 332, 327-354.	1.6	2
9	Infiltration metasomatism of the Allende coarse-grained calcium-aluminum-rich inclusions. <i>Progress in Earth and Planetary Science</i> , 2021, 8, 61.	1.1	15
10	Beckettite, $\text{Ca}_2\text{V}_6\text{Al}_6\text{O}_{20}$, a new mineral in a Type A refractory inclusion from Allende and clues to processes in the early solar system. <i>Meteoritics and Planetary Science</i> , 2021, 56, 2265-2272.	0.7	1
11	Oxygen isotopic composition of an enstatite ribbon of probable cometary origin. <i>Meteoritics and Planetary Science</i> , 2020, 55, 1371-1381.	0.7	4
12	Arrival and magnetization of carbonaceous chondrites in the asteroid belt before 4562 million years ago. <i>Communications Earth & Environment</i> , 2020, 1, 54.	2.6	14
13	Oxygen isotopic heterogeneity in the early Solar System inherited from the protosolar molecular cloud. <i>Science Advances</i> , 2020, 6, .	4.7	19
14	Exploring the efficiency of stepwise dissolution in removal of stubborn non-radiogenic Pb in chondrule U-Pb dating. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 277, 1-20.	1.6	10
15	A refractory inclusion with solar oxygen isotopes and the rarity of such objects in the meteorite record. <i>Meteoritics and Planetary Science</i> , 2020, 55, 524-534.	0.7	4
16	Machiite, $\text{Al}_2\text{Ti}_3\text{O}_9$, a new oxide mineral from the Murchison carbonaceous chondrite: A new ultra-refractory phase from the solar nebula. <i>American Mineralogist</i> , 2020, 105, 239-243.	0.9	25
17	Warkite, $\text{Ca}_2\text{Sc}_6\text{Al}_6\text{O}_{20}$, a new mineral in carbonaceous chondrites and a key-stone phase in ultrarefractory inclusions from the solar nebula. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 277, 52-86.	1.6	30
18	Oxygen-isotope heterogeneity in the Northwest Africa 3358 (H3.1) refractory inclusions-Fluid-assisted isotopic exchange on the H-chondrite parent body. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 282, 98-112.	1.6	7

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19	Al-Mg isotopic study of spinel-rich fine-grained CAIs. <i>Meteoritics and Planetary Science</i> , 2020, 55, 2519-2538.	0.7	4
20	Mineralogy, petrography, and oxygen and aluminum-magnesium isotope systematics of grossite-bearing refractory inclusions. <i>Chemie Der Erde</i> , 2019, 79, 125529.	0.8	14
21	Refractory inclusions in carbonaceous chondrites: Records of early solar system processes. <i>Meteoritics and Planetary Science</i> , 2019, 54, 1647-1691.	0.7	68
22	2019 Leonard Medal to Hisayoshi Yurimoto. <i>Meteoritics and Planetary Science</i> , 2019, 54, 1890-1891.	0.7	0
23	Mineralogy, petrology, and oxygen isotopic composition of Northwest Africa 12379, metal-rich chondrite with affinity to ordinary chondrites. <i>Chemie Der Erde</i> , 2019, 79, 125537.	0.8	4
24	Discovery of asimowite, the Fe-analog of wadsleyite, in shock-melted silicate droplets of the Suizhou L6 and the Quebrada Chimborazo 001 CB3.0 chondrites. <i>American Mineralogist</i> , 2019, 104, 775-778.	0.9	37
25	Oxygen and Al-Mg isotopic compositions of grossite-bearing refractory inclusions from <sc>CO</sc>3 chondrites. <i>Meteoritics and Planetary Science</i> , 2019, 54, 1362-1378.	0.7	19
26	Evidence for oxygen-isotope exchange in refractory inclusions from Kaba (CV3.1) carbonaceous chondrite during fluid-rock interaction on the CV parent asteroid. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 246, 419-435.	1.6	38
27	Isotopic Dichotomy among Meteorites and Its Bearing on the Protoplanetary Disk. <i>Astrophysical Journal</i> , 2018, 854, 164.	1.6	76
28	Calcium and titanium isotopes in refractory inclusions from CM, CO, and CR chondrites. <i>Earth and Planetary Science Letters</i> , 2018, 489, 179-190.	1.8	13
29	A multielement isotopic study of refractory FUN and F CAIs: Mass-dependent and mass-independent isotope effects. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 221, 296-317.	1.6	27
30	Adrianite, Ca ₁₂ (Al ₄ Mg ₃ Si ₇)O ₃₂ Cl ₆ , a new Cl-rich silicate mineral from the Allende meteorite: An alteration phase in a Ca-Al-rich inclusion. <i>American Mineralogist</i> , 2018, 103, 1329-1334.	0.9	22
31	First evidence for silica condensation within the solar protoplanetary disk. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7497-7502.	3.3	49
32	Refractory Inclusions in Chondritic Meteorites. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 1307-1312.	0.1	0
33	ISOTOPIC DICHOTOMY AMONG METEORITES AND IMPLICATIONS FOR THE EVOLUTION OF THE PROTOPLANETARY DISK. <i>Proceedings of the ... Lunar and Planetary Science Conference.</i> , 2018, 2018, .	0.0	0
34	NEBULAR HISTORY OF DIFFERENTIATED AND CHONDRITIC PLANETESIMALS. <i>Meteoritics and Planetary Science</i> , 2018, 81, 6168.	0.7	0
35	Distribution of ²⁶ Al in the CR chondrite chondrule-forming region of the protoplanetary disk. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 201, 275-302.	1.6	100
36	A divergent heritage for complex organics in Isheyevo lithic clasts. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 205, 119-148.	1.6	14

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37	Calcium-aluminum-rich inclusions with fractionation and unidentified nuclear effects (FUN CAIs): II. Heterogeneities of magnesium isotopes and ^{26}Al in the early Solar System inferred from in situ high-precision magnesium-isotope measurements. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 201, 6-24.	1.6	50
38	^{26}Al - ^{26}Mg systematics in chondrules from Kaba and Yamato 980145 CV3 carbonaceous chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 201, 303-319.	1.6	44
39	Chondrules: Ubiquitous Chondritic Solids Tracking the Evolution of the Solar Protoplanetary Disk. <i>Astrophysics and Space Science Library</i> , 2017, , 161-195.	1.0	14
40	Addischoffite, $\text{Ca}_2\text{Al}_6\text{Al}_6\text{O}_{20}$, a new calcium aluminate mineral from the Acfer 214 CH carbonaceous chondrite: A new refractory phase from the solar nebula. <i>American Mineralogist</i> , 2017, 102, 1556-1560.	0.9	31
41	Calcium-aluminum-rich inclusions recycled during formation of porphyritic chondrules from CH carbonaceous chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 201, 185-223.	1.6	42
42	^{53}Mn - ^{53}Cr chronology of Ca-Fe silicates in CV3 chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 201, 260-274.	1.6	20
43	Search for primitive matter in the Solar System. <i>Icarus</i> , 2017, 282, 375-379.	1.1	9
44	High-temperature rims around calcium-aluminum-rich inclusions from the CR, CB and CH carbonaceous chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 201, 155-184.	1.6	37
45	Occurrences, abundances, and compositional variations of cosmic symplectites in the Acfer 094 ungrouped carbonaceous chondrite. <i>Geochemical Journal</i> , 2017, 51, 3-15.	0.5	27
46	Constraints on mechanisms of chondrule formation from chondrule precursors and chronology of transient heating events in the protoplanetary disk. <i>Geochemical Journal</i> , 2017, 51, 45-68.	0.5	20
47	Refractory Inclusions in Chondritic Meteorites. <i>Encyclopedia of Earth Sciences Series</i> , 2017, , 1-6.	0.1	0
48	Timing of the formation and migration of giant planets as constrained by CB chondrites. <i>Science Advances</i> , 2016, 2, e1601658.	4.7	38
49	New constraints on the relationship between ^{26}Al and oxygen, calcium, and titanium isotopic variation in the early Solar System from a multielement isotopic study of spinel-hibonite inclusions. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 184, 151-172.	1.6	63
50	A link between oxygen, calcium and titanium isotopes in ^{26}Al -poor hibonite-rich CAIs from Murchison and implications for the heterogeneity of dust reservoirs in the solar nebula. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 189, 70-95.	1.6	83
51	Isotopic evidence for primordial molecular cloud material in metal-rich carbonaceous chondrites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2011-2016.	3.3	152
52	The Vicência meteorite fall: A new unshocked (S1) weakly metamorphosed (3.2) chondrite. <i>Meteoritics and Planetary Science</i> , 2015, 50, 1089-1111.	0.7	14
53	A compound Ca-Al-rich inclusion from CV3 chondrite Northwest Africa 3118: Implications for understanding processes during CAI formation. <i>Meteoritics and Planetary Science</i> , 2015, 50, 1512-1528.	0.7	15
54	Oxygen-isotope compositions of chondrule phenocrysts and matrix grains in Kakangari K-grouplet chondrite: Implication to a chondrule-matrix genetic relationship. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 151, 49-67.	1.6	52

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55	Early aqueous activity on the ordinary and carbonaceous chondrite parent bodies recorded by fayalite. <i>Nature Communications</i> , 2015, 6, 7444.	5.8	150
56	^{26}Al in chondrules from CR2 chondrites. <i>Geochemical Journal</i> , 2014, 48, 561-570.	0.5	38
57	The formation of Ca- and Fe-rich silicates in reduced and oxidized CV chondrites: The roles of impact-modified porosity and permeability, and heterogeneous distribution of water ices. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1250-1270.	0.7	55
58	Hutcheonite, $\text{Ca}_3\text{Ti}_2(\text{SiAl}_2)\text{O}_{12}$, a new garnet mineral from the Allende meteorite: An alteration phase in a Ca-Al-rich inclusion. <i>American Mineralogist</i> , 2014, 99, 667-670.	0.9	42
59	^{53}Mn - ^{53}Cr dating of aqueously formed carbonates in the CM2 lithology of the Sutter's Mill carbonaceous chondrite. <i>Meteoritics and Planetary Science</i> , 2014, 49, 2104-2117.	0.7	30
60	Variations in the O-isotope composition of gas during the formation of chondrules from the CR chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 132, 50-74.	1.6	55
61	Records of the Moon-forming impact and the 470 Ma disruption of the L chondrite parent body in the asteroid belt from U-Pb apatite ages of Novato (L6). <i>Meteoritics and Planetary Science</i> , 2014, 49, 1426-1439.	0.7	36
62	Oxygen isotope and chemical compositions of magnetite and olivine in the anomalous CK3 Watson 002 and ungrouped Asuka 881595 carbonaceous chondrites: Effects of parent body metamorphism. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1456-1474.	0.7	19
63	Calcium-aluminum-rich inclusions with fractionation and unknown nuclear effects (FUN CAIs): I. Mineralogy, petrology, and oxygen isotopic compositions. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 145, 206-247.	1.6	57
64	Fall, recovery, and characterization of the Novato L6 chondrite breccia. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1388-1425.	0.7	59
65	Hydrothermal origin of hexagonal $\text{CaAl}_2\text{Si}_2\text{O}_8$ (dmisteinbergite) in a compact type A CAI from the Northwest Africa 2086 CV3 chondrite. <i>Meteoritics and Planetary Science</i> , 2014, 49, 812-823.	0.7	21
66	Amoeboid olivine aggregates from CH carbonaceous chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 139, 131-153.	1.6	18
67	Heterogeneous distribution of ^{26}Al at the birth of the Solar System: Evidence from corundum-bearing refractory inclusions in carbonaceous chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 110, 190-215.	1.6	42
68	Metasomatism in the Early Solar System: The Record from Chondritic Meteorites. <i>Lecture Notes in Earth System Sciences</i> , 2013, , 659-789.	0.5	61
69	Discovery of dmisteinbergite (hexagonal $\text{CaAl}_2\text{Si}_2\text{O}_8$) in the Allende meteorite: A new member of refractory silicates formed in the solar nebula. <i>American Mineralogist</i> , 2013, 98, 1368-1371.	0.9	38
70	MAGNESIUM ISOTOPE EVIDENCE FOR SINGLE STAGE FORMATION OF CB CHONDRULES BY COLLIDING PLANETESIMALS. <i>Astrophysical Journal Letters</i> , 2013, 776, L1.	3.0	31
71	^{26}Al - ^{26}Mg isotope systematics of the first solids in the early solar system. <i>Meteoritics and Planetary Science</i> , 2013, 48, 1383-1400.	0.7	137
72	^{182}Hf - ^{182}W age dating of a ^{26}Al -poor inclusion and implications for the origin of short-lived radioisotopes in the early Solar System. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8819-8823.	3.3	60

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73	EVIDENCE FOR MULTIPLE SOURCES OF ^{10}Be IN THE EARLY SOLAR SYSTEM. <i>Astrophysical Journal Letters</i> , 2012, 748, L25.	3.0	38
74	Radar-Enabled Recovery of the Sutter's Mill Meteorite, a Carbonaceous Chondrite Regolith Breccia. <i>Science</i> , 2012, 338, 1583-1587.	6.0	191
75	Isotopically uniform, ^{16}O -depleted calcium, aluminum-rich inclusions in CH and CB carbonaceous chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 83, 159-178.	1.6	35
76	Forsterite-bearing type B refractory inclusions from CV3 chondrites: From aggregates to volatilized melt droplets. <i>Meteoritics and Planetary Science</i> , 2012, 47, 2128-2147.	0.7	33
77	Compound ultrarefractory CaAl_2 -bearing inclusions from CV3 carbonaceous chondrites. <i>Meteoritics and Planetary Science</i> , 2012, 47, 2107-2127.	0.7	25
78	Workshop on Formation of the First Solids in the Solar System—Honoring Klaus Keil for his Distinguished Career in Meteoritics and Cosmochemistry. <i>Meteoritics and Planetary Science</i> , 2012, 47, 1889-1890.	0.7	1
79	Heavily metamorphosed clasts from the CV chondrite breccias Mokoia and Yamato 86009. <i>Meteoritics and Planetary Science</i> , 2012, 47, 2251-2268.	0.7	22
80	The Absolute Chronology and Thermal Processing of Solids in the Solar Protoplanetary Disk. <i>Science</i> , 2012, 338, 651-655.	6.0	720
81	HETEROGENEOUS DISTRIBUTION OF ^{26}Al AT THE BIRTH OF THE SOLAR SYSTEM. <i>Astrophysical Journal Letters</i> , 2011, 733, L31.	3.0	88
82	FORMATION OF THE SHORT-LIVED RADIONUCLIDE ^{36}Cl IN THE PROTOPLANETARY DISK DURING LATE-STAGE IRRADIATION OF A VOLATILE-RICH RESERVOIR. <i>Astrophysical Journal Letters</i> , 2011, 731, L28.	3.0	31
83	Bringing Part of an Asteroid Back Home. <i>Science</i> , 2011, 333, 1098-1099.	6.0	14
84	EVIDENCE FOR MAGNESIUM ISOTOPE HETEROGENEITY IN THE SOLAR PROTOPLANETARY DISK. <i>Astrophysical Journal Letters</i> , 2011, 735, L37.	3.0	253
85	OXYGEN ISOTOPIC COMPOSITION OF THE SUN AND MEAN OXYGEN ISOTOPIC COMPOSITION OF THE PROTOSOLAR SILICATE DUST: EVIDENCE FROM REFRACTORY INCLUSIONS. <i>Astrophysical Journal</i> , 2010, 713, 1159-1166.	1.6	84
86	Discovery, mineral paragenesis, and origin of wadalite in a meteorite. <i>American Mineralogist</i> , 2010, 95, 440-448.	0.9	38
87	Oxygen isotopic compositions of chondrules from the metal-rich chondrites Isheyev (CH/CBb), MAC 02675 (CBb) and QUE 94627 (CBb). <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 2190-2211.	1.6	58
88	Chondritic lithic clasts in the CB/CH-like meteorite Isheyev: Fragments of previously unsampled parent bodies. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 2500-2522.	1.6	31
89	EXTREME ^{16}O ENRICHMENT IN CALCIUM-ALUMINUM-RICH INCLUSIONS FROM THE ISHEYEVO (CH/CB) CHONDRITE. <i>Astrophysical Journal</i> , 2009, 698, L18-L22.	1.6	40
90	Oxygen- and magnesium-isotope compositions of calcium-aluminum-rich inclusions from CR2 carbonaceous chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 5018-5050.	1.6	104

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91	Chronology of meteorites and the early solar system. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 4919-4921.	1.6	4
92	Origin of Nucleosynthetic Isotope Heterogeneity in the Solar Protoplanetary Disk. <i>Science</i> , 2009, 324, 374-376.	6.0	454
93	²⁶ Al AND THE FORMATION OF THE SOLAR SYSTEM FROM A MOLECULAR CLOUD CONTAMINATED BY WOLF-RAYET WINDS. <i>Astrophysical Journal</i> , 2009, 696, 1854-1863.	1.6	96
94	²⁶ Al- ²⁶ Mg and ²⁰⁷ Pb- ²⁰⁶ Pb systematics of Allende CAIs: Canonical solar initial ²⁶ Al/ ²⁷ Al ratio reinstated. <i>Earth and Planetary Science Letters</i> , 2008, 272, 353-364.	1.8	347
95	Chemical and oxygen isotopic compositions of accretionary rim and matrix olivine in CV chondrites: Constraints on the evolution of nebular dust. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 1887-1913.	1.6	30
96	Oxygen isotopic constraints on the origin of magnesian chondrules and on the gaseous reservoirs in the early Solar System. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 1924-1938.	1.6	100
97	Comparing Wild 2 particles to chondrites and IDPs. <i>Meteoritics and Planetary Science</i> , 2008, 43, 261-272.	0.7	136
98	Refractory inclusions in the CH/CB-like carbonaceous chondrite Isheyevo: I. Mineralogy and petrography. <i>Meteoritics and Planetary Science</i> , 2008, 43, 1531-1550.	0.7	23
99	The Isheyevo meteorite: Mineralogy, petrology, bulk chemistry, oxygen, nitrogen, carbon isotopic compositions, and ⁴⁰ Ar- ³⁹ Ar ages. <i>Meteoritics and Planetary Science</i> , 2008, 43, 915-940.	0.7	69
100	Multiple Generations of Refractory Inclusions in the Metal-Rich Carbonaceous Chondrites Acfer 182/214 and Isheyevo. <i>Astrophysical Journal</i> , 2008, 672, 713-721.	1.6	78
101	Chronology of the Solar System's Oldest Solids. <i>Astrophysical Journal</i> , 2008, 675, L121-L124.	1.6	130
102	Discovery of a New FUN CAI from a CV Carbonaceous Chondrite: Evidence for Multistage Thermal Processing in the Protoplanetary Disk. <i>Astrophysical Journal</i> , 2008, 680, L141-L144.	1.6	39
103	15. Record of Low-Temperature Alteration in Asteroids. , 2008, , 429-462.		9
104	8. Oxygen Isotopes of Chondritic Components. , 2008, , 141-186.		34
105	Remnants of the Early Solar System Water Enriched in Heavy Oxygen Isotopes. <i>Science</i> , 2007, 317, 231-233.	6.0	238
106	Nitrogen and Carbon Isotopic Composition of the Sun Inferred from a High-Temperature Solar Nebular Condensate. <i>Astrophysical Journal</i> , 2007, 656, L33-L36.	1.6	111
107	Evidence for the presence of planetesimal material among the precursors of magnesian chondrules of nebular origin. <i>Earth and Planetary Science Letters</i> , 2007, 254, 1-8.	1.8	87
108	Chondrules in the CB/CH-like carbonaceous chondrite Isheyevo: Evidence for various chondrule-forming mechanisms and multiple chondrule generations. <i>Chemie Der Erde</i> , 2007, 67, 283-300.	0.8	38

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109	Type C Ca, Al-rich inclusions from Allende: Evidence for multistage formation. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 4342-4364.	1.6	49
110	²⁶ Al- ²⁶ Mg systematics of Ca-Al-rich inclusions, amoeboid olivine aggregates, and chondrules from the ungrouped carbonaceous chondrite Acfer 094. <i>Meteoritics and Planetary Science</i> , 2007, 42, 1183-1195.	0.7	25
111	Remelting of refractory inclusions in the chondrule-forming regions: Evidence from chondrule-bearing type C calcium-aluminum-rich inclusions from Allende. <i>Meteoritics and Planetary Science</i> , 2007, 42, 1197-1219.	0.7	24
112	Pb isotopic age of the Allende chondrules. <i>Meteoritics and Planetary Science</i> , 2007, 42, 1321-1335.	0.7	74
113	Comet 81P/Wild 2 Under a Microscope. <i>Science</i> , 2006, 314, 1711-1716.	6.0	848
114	Mineralogy and Petrology of Comet 81P/Wild 2 Nucleus Samples. <i>Science</i> , 2006, 314, 1735-1739.	6.0	589
115	Role of gas-melt interaction during chondrule formation. <i>Earth and Planetary Science Letters</i> , 2006, 251, 232-240.	1.8	140
116	Mineralogy and petrology of Al-rich objects and amoeboid olivine aggregates in the CH carbonaceous chondrite North West Africa 739. <i>Chemie Der Erde</i> , 2006, 66, 57-76.	0.8	23
117	Oxygen isotopic compositions of chondrules: Implications for evolution of oxygen isotopic reservoirs in the inner solar nebula. <i>Chemie Der Erde</i> , 2006, 66, 249-276.	0.8	70
118	Oxygen isotope compositions of chondrules in CR chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 767-779.	1.6	55
119	Aluminum-Magnesium and Oxygen Isotope Study of Relict Ca-Al-rich Inclusions in Chondrules. <i>Astrophysical Journal</i> , 2006, 639, 1227-1237.	1.6	41
120	Timescales and Settings for Alteration of Chondritic Meteorites. , 2006, , 525-554.		76
121	Chronology of the early Solar System from chondrule-bearing calcium-aluminium-rich inclusions. <i>Nature</i> , 2005, 434, 998-1001.	13.7	71
122	Young chondrules in CB chondrites from a giant impact in the early Solar System. <i>Nature</i> , 2005, 436, 989-992.	13.7	290
123	Evolution of Oxygen Isotopic Composition in the Inner Solar Nebula. <i>Astrophysical Journal</i> , 2005, 622, 1333-1342.	1.6	77
124	Thermal Processing of Silicate Dust in the Solar Nebula: Clues from Primitive Chondrite Matrices. <i>Astrophysical Journal</i> , 2005, 623, 571-578.	1.6	74
125	Fine-grained, spinel-rich inclusions from the reduced CV chondrite Efremovka: II. Oxygen isotopic compositions. <i>Meteoritics and Planetary Science</i> , 2005, 40, 1043-1058.	0.7	27
126	Shock melts in QUE 94411, Hammadah al Hamra 237, and Bencubbin: Remains of the missing matrix?. <i>Meteoritics and Planetary Science</i> , 2005, 40, 1377-1391.	0.7	27

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127	Fine-grained dust rims in the Tagish Lake carbonaceous chondrite: Evidence for parent body alteration. <i>Meteoritics and Planetary Science</i> , 2005, 40, 1413-1431.	0.7	30
128	Origin of low-Ca pyroxene in amoeboid olivine aggregates: Evidence from oxygen isotopic compositions. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 1873-1881.	1.6	36
129	Stardust silicates from primitive meteorites. <i>Nature</i> , 2004, 428, 921-924.	13.7	178
130	Amoeboid olivine aggregates and related objects in carbonaceous chondrites: records of nebular and asteroid processes. <i>Chemie Der Erde</i> , 2004, 64, 185-239.	0.8	122
131	Ca,Al-rich inclusions, amoeboid olivine aggregates, and Al-rich chondrules from the unique carbonaceous chondrite Acfer 094: I. mineralogy and petrology. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 2167-2184.	1.6	70
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