

Richard C Greenwood

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,013
citations

623699

14
h-index

501174

28
g-index

31
all docs

31
docs citations

31
times ranked

2024
citing authors

#	ARTICLE	IF	CITATIONS
1	Comet 81P/Wild 2 Under a Microscope. <i>Science</i> , 2006, 314, 1711-1716.	12.6	848
2	Impact Features on Stardust: Implications for Comet 81P/Wild 2 Dust. <i>Science</i> , 2006, 314, 1716-1719.	12.6	286
3	Oxygen isotopic constraints on the origin and parent bodies of eucrites, diogenites, and howardites. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 5835-5853.	3.9	148
4	Melting and differentiation of early-formed asteroids: The perspective from high precision oxygen isotope studies. <i>Chemie Der Erde</i> , 2017, 77, 1-43.	2.0	132
5	Linking asteroids and meteorites to the primordial planetesimal population. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 277, 377-406.	3.9	93
6	Oxygen isotopic evidence for accretion of Earth's water before a high-energy Moon-forming giant impact. <i>Science Advances</i> , 2018, 4, eaao5928.	10.3	77
7	An asteroidal origin for water in the Moon. <i>Nature Communications</i> , 2016, 7, 11684.	12.8	68
8	H and Cl isotope systematics of apatite in brecciated lunar meteorites Northwest Africa 4472, Northwest Africa 773, Sayh al Uhaymir 169, and Kalahari 009. <i>Meteoritics and Planetary Science</i> , 2014, 49, 2266-2289.	1.6	62
9	Geochemistry and oxygen isotope composition of main-group pallasites and olivine-rich clasts in mesosiderites: Implications for the "Great Dunite Shortage" and HED-mesosiderite connection. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 169, 115-136.	3.9	48
10	Geochemistry of intermediate olivine-phyric shergottite Northwest Africa 6234, with similarities to basaltic shergottite Northwest Africa 480 and olivine-phyric shergottite Northwest Africa 2990. <i>Meteoritics and Planetary Science</i> , 2012, 47, 1256-1273.	1.6	46
11	Standardizing the reporting of $\delta^{17}\text{O}$ data from high precision oxygen triple-isotope ratio measurements of silicate rocks and minerals. <i>Chemical Geology</i> , 2020, 532, 119332.	3.3	33
12	The relationship between CM and CO chondrites: Insights from combined analyses of titanium, chromium, and oxygen isotopes in CM, CO, and ungrouped chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 301, 70-90.	3.9	23
13	Oxygen Isotopes and Sampling of the Solar System. <i>Space Science Reviews</i> , 2020, 216, 1.	8.1	22
14	The Northwest Africa (<scp>NWA</scp>) 5790 meteorite: A mesostasis-rich nakhlite with little or no Martian aqueous alteration. <i>Meteoritics and Planetary Science</i> , 2015, 50, 287-304.	1.6	21
15	Signatures of the post-hydration heating of highly aqueously altered CM carbonaceous chondrites and implications for interpreting asteroid sample returns. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 289, 69-92.	3.9	15
16	Preservation of primordial signatures of water in highly-shocked ancient lunar rocks. <i>Earth and Planetary Science Letters</i> , 2020, 544, 116364.	4.4	12
17	Organics preserved in anhydrous interplanetary dust particles: Pristine or not?. <i>Meteoritics and Planetary Science</i> , 2020, 55, 1320-1348.	1.6	12
18	Comment on "The triple oxygen isotope composition of the Earth mantle and understanding $\delta^{17}\text{O}$ variations in terrestrial rocks and minerals" by Pack and Herwartz [<i>Earth Planet. Sci. Lett.</i> 390 (2014) 138-145]. <i>Earth and Planetary Science Letters</i> , 2015, 418, 181-183.	4.4	11

#	ARTICLE	IF	CITATIONS
19	What is the Oxygen Isotope Composition of Venus? The Scientific Case for Sample Return from Earth's "Sister Planet". <i>Space Science Reviews</i> , 2020, 216, 1.	8.1	9
20	Eucrite-type achondrites: Petrology and oxygen isotope compositions. <i>Meteoritics and Planetary Science</i> , 2022, 57, 484-526.	1.6	9
21	Carbonaceous matter in the SariĖsek meteorite. <i>Meteoritics and Planetary Science</i> , 2019, 54, 1495-1511.	1.6	8
22	Isotopic evidence for pallasite formation by impact mixing of olivine and metal during the first 10 million years of the Solar System. , 2022, 1, .		8
23	Exploring the Bimodal Solar System via Sample Return from the Main Asteroid Belt: The Case for Revisiting Ceres. <i>Space Science Reviews</i> , 2020, 216, 59.	8.1	6
24	Petrological, petrofabric, and oxygen isotopic study of five ungrouped meteorites related to brachinites. <i>Meteoritics and Planetary Science</i> , 2019, 54, 752-767.	1.6	5
25	Geochemistry and Sm-Nd chronology of a Stannern-group eucrite, Northwest Africa 7188. <i>Meteoritics and Planetary Science</i> , 2019, 54, 2710-2728.	1.6	3
26	Lunar meteorite Northwest Africa 11962: A regolith breccia containing records of titanium-rich lunar volcanism and the high alkali suite. <i>Meteoritics and Planetary Science</i> , 2021, 56, 971-991.	1.6	3
27	Compositional diversity of ordinary chondrites inferred from petrology, bulk chemical, and oxygen isotopic compositions of the lowest FeO ordinary chondrite, Yamato 982717. <i>Meteoritics and Planetary Science</i> , 2019, 54, 1919-1929.	1.6	2
28	Carbonate assemblages in Cold Bokkeveld CM chondrite reveal complex parent body evolution. <i>Meteoritics and Planetary Science</i> , 2021, 56, 723-741.	1.6	2
29	Comment on: "A simple cryogenic method for efficient measurement of triple oxygen isotopes in silicates" by Ghoshmaulik et al. (<i>Rapid Commun Mass Spectrom.</i> 2020;34(18):e8833). <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8913.	1.5	1
30	Petrology, mineralogy, and geochemistry of the olivine diogenite NWA 4255: new insights into the magmatic evolution of asteroid 4 Vesta. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	1.3	0