

Frank T Kyte

List of Publications by Year in descending order

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papers

2,156
citations

279701

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37
all docs

37
docs citations

37
times ranked

1132
citing authors

#	ARTICLE	IF	CITATIONS
1	A meteorite from the Cretaceous/Tertiary boundary. <i>Nature</i> , 1998, 396, 237-239.	13.7	186
2	Cenozoic sedimentation history of the central North Pacific: Inferences from the elemental geochemistry of core LL44-GPC3. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 1719-1740.	1.6	184
3	Siderophile-enriched sediments from the Cretaceous-Tertiary boundary. <i>Nature</i> , 1980, 288, 651-656.	13.7	178
4	Spherule Beds 3.47-3.24 Billion Years Old in the Barberton Greenstone Belt, South Africa: A Record of Large Meteorite Impacts and Their Influence on Early Crustal and Biological Evolution. <i>Astrobiology</i> , 2003, 3, 7-48.	1.5	175
5	Search for evidence of impact at the Permian-Triassic boundary in Antarctica and Australia. <i>Geology</i> , 1998, 26, 979.	2.0	131
6	Early Archean spherule beds: Chromium isotopes confirm origin through multiple impacts of projectiles of carbonaceous chondrite type. <i>Geology</i> , 2003, 31, 283.	2.0	127
7	Siderophile-rich magnetic spheroids from the Cretaceous-Tertiary Boundary in Umbria, Italy. <i>Nature</i> , 1984, 310, 403-405.	13.7	113
8	Regional variations in spinel compositions: An important key to the Cretaceous/Tertiary event. <i>Geology</i> , 1986, 14, 485.	2.0	94
9	Sedimentation history of the South Pacific pelagic clay province over the last 85 million years Inferred from the geochemistry of Deep Sea Drilling Project Hole 596. <i>Paleoceanography</i> , 1992, 7, 441-465.	3.0	92
10	Noble metal abundances in an Early Archean impact deposit. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 1365-1372.	1.6	89
11	Iridium and dinocysts at the Cretaceous-Tertiary boundary on Seymour Island, Antarctica: Implications for the K-T event. <i>Geology</i> , 1994, 22, 675.	2.0	83
12	The Permian-Triassic boundary event: a geochemical study of three Chinese sections. <i>Earth and Planetary Science Letters</i> , 1988, 90, 411-421.	1.8	79
13	High noble metal concentrations in a late Pliocene sediment. <i>Nature</i> , 1981, 292, 417-420.	13.7	75
14	Magnesioferrite spinel in Cretaceous/Tertiary boundary sediments of the Pacific basin: Remnants of hot, early ejecta from the Chicxulub impact?. <i>Earth and Planetary Science Letters</i> , 1995, 132, 113-127.	1.8	67
15	The oldest impact deposits on earth - First confirmation of an extraterrestrial component. , 2000, , 99-115.		55
16	Platinum-group elements (PGE) and rhenium in marine sediments across the Cretaceous-Tertiary boundary: constraints on Re-PGE transport in the marine environment. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 655-670.	1.6	51
17	Unmelted meteoritic debris in the Late Pliocene iridium anomaly: Evidence for the ocean impact of a nonchondritic asteroid. <i>Geochimica Et Cosmochimica Acta</i> , 1985, 49, 1095-1108.	1.6	45
18	Unmelted meteoritic debris collected from Eltanin ejecta in Polarstern cores from expedition ANT XII/4. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002, 49, 1063-1071.	0.6	39

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19	Cretaceous/Tertiary boundary of DSDP Site 596, South Pacific. <i>Geology</i> , 1991, 19, 694.	2.0	30
20	Nickel-rich magnesiowüstite in Cretaceous/Tertiary boundary spherules crystallized from ultramafic, refractory silicate liquids. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 4967-4974.	1.6	30
21	Oceanic impacts—a growing field of fundamental geoscience. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002, 49, 951-957.	0.6	28
22	Anomalous iridium enrichment at the Triassic–Jurassic boundary, Blomidon Formation, Fundy basin, Canada. <i>Earth and Planetary Science Letters</i> , 2005, 240, 634-641.	1.8	28
23	Chromium-isotopes in Late Eocene impact spherules indicate a likely asteroid belt provenance. <i>Earth and Planetary Science Letters</i> , 2011, 302, 279-286.	1.8	26
24	Multiple Ir anomalies in uppermost Triassic to Jurassic-age strata of the Blomidon Formation, Fundy basin, eastern Canada. <i>Earth and Planetary Science Letters</i> , 2008, 274, 103-111.	1.8	23
25	The extraterrestrial component in marine sediments: Description and interpretation. <i>Paleoceanography</i> , 1988, 3, 235-247.	3.0	22
26	A Search for Soot from Global Wildfires in Central Pacific Cretaceous-Tertiary Boundary and Other Extinction and Impact Horizon Sediments. <i>Astrobiology</i> , 2003, 3, 91-97.	1.5	21
27	Composition of impact melt debris from the Eltanin impact strewn field, Bellingshausen Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002, 49, 1029-1047.	0.6	19
28	Distribution of iridium and associated geochemistry across the Triassic–Jurassic boundary in sections at Kuhjoch and Kendlbach, Northern Calcareous Alps, Austria. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 449, 13-26.	1.0	17
29	Geochemical constraints on the nature of large accretionary events. <i>Special Paper of the Geological Society of America</i> , 1982, , 235-242.	0.5	14
30	The Cretaceous-Tertiary boundary on the Pacific plate: Composition and distribution of impact debris. , 1996, , .		10
31	Iridium concentrations and abundances of meteoritic ejecta from the Eltanin impact in sediment cores from Polarstern expedition ANT XII/4. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002, 49, 1049-1061.	0.6	10
32	Tracers of the extraterrestrial component in sediments and inferences for Earth's accretion history. , 2002, , .		7
33	The Cretaceous/Paleogene transition on the East Tasman Plateau, southwestern Pacific. <i>Geophysical Monograph Series</i> , 2004, , 93-112.	0.1	4
34	Rubey Colloquium Paper. <i>Astrobiology</i> , 2003, 3, 1-1.	1.5	3
35	Widespread elevated iridium in Upper Triassic–Lower Jurassic strata of the Newark Supergroup: implications for use as an extinction marker. <i>Scientific Reports</i> , 2020, 10, 19575.	1.6	1
36	Early Archean spherule beds: Chromium isotopes confirm origin through multiple impacts of projectiles of carbonaceous chondrite type: Comment and Reply. <i>Geology</i> , 2003, 31, e37-e37.	2.0	0

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37	Focus on ancient bombardment. Nature, 2012, 485, 44-45.	13.7	0