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List of Publications by Year in descending order

323 papers	46,198 citations	1238 110 h-index	1934 207 g-index
332 all docs	332 docs citations	332 times ranked	7768 citing authors

#	Article	IF	Citations
1	An origin of ultraslow spreading ridges for the Yarlung-Tsangpo ophiolites. Fundamental Research, 2022, 2, 74-83.	3.3	20
2	Newly discovered Early Carboniferous and Late Permian magmatic rocks in eastern Myanmar: Implications for the tectonic evolution of the eastern Paleo-Tethys. Journal of Asian Earth Sciences, 2022, 227, 105093.	2.3	4
3	Matrix effects during in situ U-Pb dating of perovskite with variable crystal structure: Evidence from the Tazheran Massif, Russia. Chemical Geology, 2022, 589, 120685.	3.3	8
4	Natural Allanite Reference Materials forIn SituUâ€Thâ€Pb and Smâ€Nd Isotopic Measurements by LAâ€(MC)â€ICPâ€MS. Geostandards and Geoanalytical Research, 2022, 46, 169-203.	3.1	9
5	In situ Uâ€“Pb geochronology of vesuvianite by LA-SF-ICP-MS. Journal of Analytical Atomic Spectrometry, 2022, 37, 69-81.	3.0	7
6	Rapid screening of Zr-containing particles from Changâ€™e-5 lunar soil samples for isotope geochronology: Technical roadmap for future study. Geoscience Frontiers, 2022, 13, 101367.	8.4	17
7	U-Pb isotopic dating of cassiterite: Development of reference materials and in situ applications by LA-SF-ICP-MS. Chemical Geology, 2022, 593, 120754.	3.3	16
8	The heterogeneous mantle massif in south Tibetan ophiolites and its implication for the tectonic evolution of Neo-Tethys. Lithos, 2022, 424-425, 106761.	1.4	3
9	é«˜çµæ•åº¦<bold>-</bold>å•æŽ¥æ”¶æ¯<bold>LA-SF-ICP-MS</bold>åŽŸä½ SCIENTIA SINICA Terrae, 2022, 52, 1375-1390.	0.8	0
10	Silurian A-type metaquartz-syenite to -granite in the Eastern Anatolia: Implications for Late Ordovician-Silurian rifting at the northern margin of Gondwana. Gondwana Research, 2021, 91, 1-17.	6.0	12
11	Petrogenesis of the Main Range and Eastern Province granites in eastern Myanmar: New insights from zircon Uâ€“Pb ages and Srâ€“Nd isotopes. Lithos, 2021, 382-383, 105895.	1.4	6
12	Precise and accurate Luâ€“Hf isotope analysis of columbite-group minerals by MC-ICP-MS. Journal of Analytical Atomic Spectrometry, 2021, 36, 1643-1656.	3.0	3
13	Tectonic Controls on Block Rotation and Sheeted Sill Emplacement in the Xigaze Ophiolite (Tibet): The Construction Mode of Slowâ€Spreading and Ultraslowâ€Spreading Oceanic Crusts. Geochemistry, Geophysics, Geosystems, 2021, 22, e2020GC009297.	2.5	15
14	First evidence of eclogites overprinted by ultrahigh temperature metamorphism in Everest East, Himalaya: Implications for collisional tectonics on early Earth. Earth and Planetary Science Letters, 2021, 558, 116760.	4.4	62
15	Eocene Metamorphism and Anatexis in the Kathmandu Klippe, Central Nepal: Implications for Early Crustal Thickening and Initial Rise of the Himalaya. Tectonics, 2021, 40, e2020TC006532.	2.8	11
16	Was there an exchange of detritus between the northern and southern Black Sea terranes in the Mesozoic-early Cenozoic?. Gondwana Research, 2021, , .	6.0	3
17	Reviews on the Paleozoic-Mesozoic granitoids and sedimentary rocks in North Korea. Journal of the Geological Society of Korea, 2021, 57, 523-544.	0.7	2
18	In situ zircon U Pb dating of Jurassic granitoids in North Korea and its tectonic implications. Lithos, 2021, 398-399, 106346.	1.4	4

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19	Recycling of ancient sub-oceanic mantle in the Neo-Tethyan asthenosphere: Evidence from major and trace elements and Hfâ€“Os isotopes of the Kop Mountain ophiolite, NE Turkey. Geochimica Et Cosmochimica Acta, 2021, 311, 43-58.	3.9	5
20	Multistage magmatism recorded in a single gneiss dome: Insights from the Lhagoi Kangri leucogranites, Himalayan orogen. Lithos, 2021, 398-399, 106222.	1.4	4
21	Foundation of the Institute of Geology, Chinese Academy of Sciences: Inheritation and continuation of the Geological Survey of China. Acta Petrologica Sinica, 2021, 37, 284-316.	0.8	1
22	The Xigaze ophiolite: fossil ultraslow-spreading ocean lithosphere in the Tibetan Plateau. Journal of the Geological Society, 2021, 178, .	2.1	15
23	Non-KREEP origin for Changâ€™e-5 basalts in the Procellarum KREEP Terrane. Nature, 2021, 600, 59-63.	27.8	124
24	Two-billion-year-old volcanism on the Moon from Changâ€™e-5 basalts. Nature, 2021, 600, 54-58.	27.8	170
25	Felsic volcanism as a factor driving the end-Permian mass extinction. Science Advances, 2021, 7, eabh1390.	10.3	63
26	Heterogeneous potassium isotopic composition of the upper continental crust. Geochimica Et Cosmochimica Acta, 2020, 278, 122-136.	3.9	72
27	Extreme Mg and Zn isotope fractionation recorded in the Himalayan leucogranites. Geochimica Et Cosmochimica Acta, 2020, 278, 305-321.	3.9	31
28	Pervasive Miocene melting of thickened crust from the Lhasa terrane to Himalaya, southern Tibet and its constraint on generation of Himalayan leucogranite. Geochimica Et Cosmochimica Acta, 2020, 278, 137-156.	3.9	52
29	Mesozoic crustal growth in Mainland Southeast Asia: Zircon U-Pb and Hf isotopic evidence from the Late Cretaceous Luyingtang granitic pluton in the northernmost SE Asian granite Province, SW China. Journal of Asian Earth Sciences, 2020, 190, 104151.	2.3	3
30	In situ sequential Uâ€“Pb age and Smâ€“Nd systematics measurements of natural LREE-enriched minerals using single laser ablation multi-collector inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 2020, 35, 510-517.	3.0	2
31	Highly fractionated Himalayan leucogranites and associated rare-metal mineralization. Lithos, 2020, 352-353, 105319.	1.4	101
32	Metasomatized lithospheric mantle for Mesozoic giant gold deposits in the North China craton. Geology, 2020, 48, 169-173.	4.4	85
33	Heterogeneous sub-ridge mantle of the Neo-Tethys: Constraints from Re-Os isotope and HSE compositions of the Xigaze ophiolites. Lithos, 2020, 378-379, 105819.	1.4	4
34	Early Evolution of Himalayan Orogenic Belt and Generation of Middle Eocene Magmatism: Constraint From Haweng Granodiorite Porphyry in the Tethyan Himalaya. Frontiers in Earth Science, 2020, 8, .	1.8	32
35	Quantitatively Tracking the Elevation of the Tibetan Plateau Since the Cretaceous: Insights From Wholeâ€Rock Sr/Y and La/Yb Ratios. Geophysical Research Letters, 2020, 47, e2020GL089202.	4.0	57
36	Natural Clinopyroxene Reference Materials for in situ Sr Isotopic Analysis via LA-MC-ICP-MS. Frontiers in Chemistry, 2020, 8, 594316.	3.6	12

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37	Accurate and precise in situ Uâ€“Pb isotope dating of wolframite series minerals via LA-SF-ICP-MS. Journal of Analytical Atomic Spectrometry, 2020, 35, 2191-2203.	3.0	37
38	Petrogenesis of the Late Triassic Mengsong strongly peraluminous granites in the southeastern Tibetan Plateau: highly fractionated from crystal mush. International Geology Review, 2020, , 1-18.	2.1	1
39	Early Mesozoic magmatism and tectonic evolution of the Qinling Orogen: Implications for oblique continental collision. Gondwana Research, 2020, 88, 296-332.	6.0	32
40	Testing oceanic crustâ€“mantle decoupling by Srâ€“Ndâ€“Hfâ€“Os isotopes of Neo-Tethyan ophiolites. Lithos, 2020, 376-377, 105757.	1.4	9
41	Identification of Forearc Sediments in the Milin-Zedong Region and Their Constraints on Tectonomagmatic Evolution of the Gangdese Arc, Southern Tibet. Lithosphere, 2020, 2020, .	1.4	3
42	Highâ€Precision Srâ€Ndâ€Hfâ€Pb Isotopic Composition of Chinese Geological Standard Glass Reference Materials CGSGâ€1, CGSGâ€2, CGSGâ€4 and CGSGâ€5 by MCâ€ICPâ€MS and TIMS. Geostandards and Geoanalytical Research, 2020, 44, 567-579.	3.1	9
43	Mesoproterozoic (~1.32ÂGa) modification of lithospheric mantle beneath the North China craton caused by break-up of the Columbia supercontinent. Precambrian Research, 2020, 342, 105674.	2.7	18
44	Origin of the Triassic Lincang granites in the southeastern Tibetan Plateau: Crystallization from crystal mush. Lithos, 2020, 360-361, 105452.	1.4	17
45	Spodumene pegmatites from the Pusila pluton in the higher Himalaya, South Tibet: Lithium mineralization in a highly fractionated leucogranite batholith. Lithos, 2020, 358-359, 105421.	1.4	41
46	From extension to tectonic inversion: Mid-Cretaceous onset of Andean-type orogeny in the Lhasa block and early topographic growth of Tibet. Bulletin of the Geological Society of America, 2020, 132, 2432-2454.	3.3	18
47	Evolution of mantle peridotites from the Luobusa ophiolite in the Tibetan Plateau: Sr-Nd-Hf-Os isotope constraints. Lithos, 2020, 362-363, 105477.	1.4	15
48	In-sequence buoyancy extrusion of the Himalayan Metamorphic Core, central Nepal: Constraints from monazite petrochronology and thermobarometry. Journal of Asian Earth Sciences, 2020, 199, 104406.	2.3	12
49	Contaminating melt flow in magmatic peridotites from the lower continental crust (Rocca) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.3	6
50	The mechanisms of fractional crystallization for the Himalayan leucogranites. Acta Petrologica Sinica, 2020, 36, 3551-3571.	0.8	12
51	Cyclical one-way continental rupture-drift in the Tethyan evolution: Subduction-driven plate tectonics. Science China Earth Sciences, 2019, 62, 2005-2016.	5.2	91
52	Subduction re-initiation at dying ridge of Neo-Tethys: Insights from mafic and metamafic rocks in Lhaze ophiolitic mÃ©lange, Yarlung-Tsangbo Suture Zone. Earth and Planetary Science Letters, 2019, 523, 115707.	4.4	52
53	In Situ Uâ€Thâ€Pb Dating and Srâ€Nd Isotope Analysis of BastnÄsite by LAâ€(MC)â€ICPâ€MS. Geostandards and Geoanalytical Research, 2019, 43, 543-565.	3.1	32
54	The Langjiexue Group is an in situ sedimentary sequence rather than an exotic block: Constraints from coeval Upper Triassic strata of the Tethys Himalaya (Qulonggongba Formation). Science China Earth Sciences, 2019, 62, 783-797.	5.2	13

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55	Synchronous Periadriatic magmatism in the Western and Central Alps in the absence of slab breakoff. Terra Nova, 2019, 31, 120-128.	2.1	29
56	Postcollisional delamination and partial melting of enriched lithospheric mantle: Evidence from Oligocene (ca. 30 Ma) potassium-rich lavas in the Gemuchaka area of the central Qiangtang Block, Tibet. Bulletin of the Geological Society of America, 2019, 131, 1385-1408.	3.3	22
57	Is Himalayan leucogranite a product by in situ partial melting of the Greater Himalayan Crystalline? A comparative study of leucosome and leucogranite from Nyalam, southern Tibet. Lithos, 2019, 342-343, 542-556.	1.4	39
58	Mineralogical evidence for fractionation processes in the Himalayan leucogranites of the Ramba Dome, southern Tibet. Lithos, 2019, 340-341, 71-86.	1.4	64
59	The geology of North Korea: An overview. Earth-Science Reviews, 2019, 194, 57-96.	9.1	53
60	Reconsideration of Neo-Tethys evolution constrained from the nature of the Dazhuqu ophiolitic mantle, southern Tibet. Contributions To Mineralogy and Petrology, 2019, 174, 1.	3.1	36
61	Natural Titanite Reference Materials for In Situ Uâ€Pb and Smâ€Nd Isotopic Measurements by <scp>LA</scp>â€(<scp>MC</scp>)â€<scp>ICP</scp>â€<scp>MS</scp>. Geostandards and Geoanalytical Research, 2019, 43, 355-384.	3.1	36
62	Evidence of sub-continental lithospheric mantle sources and open-system crystallization processes from in-situ Uâ€“Pb ages and Ndâ€“Srâ€“Hf isotope geochemistry of the Cretaceous ultramafic-alkaline-(carbonatite) intrusions from the Shillong Plateau, north-eastern India. Lithos, 2019, 330-331, 108-119.	1.4	20
63	Rinkite-(Ce) in the nepheline syenite pegmatite from the Saima alkaline complex, northeastern China: Its occurrence, alteration, and implications for REE mineralization. Canadian Mineralogist, 2019, 57, 903-924.	1.0	8
64	Destruction of the North China Craton in the Mesozoic. Annual Review of Earth and Planetary Sciences, 2019, 47, 173-195.	11.0	428
65	Two parallel magmatic belts with contrasting isotopic characteristics from southern Tibet to Myanmar: zircon Uâ€“Pb and Hf isotopic constraints. Journal of the Geological Society, 2019, 176, 574-587.	2.1	36
66	Episodic Nbâ€“Ta mineralisation in South China: Constraints from in situ LAâ€“ICPâ€“MS columbite-tantalite Uâ€“Pb dating. Ore Geology Reviews, 2019, 105, 71-85.	2.7	58
67	A Palaeoproterozoic basement beneath the Rangnim Massif revealed by the in situ Uâ€“Pb ages and Hf isotopes of xenocrystic zircons from Triassic kimberlites of North Korea. Geological Magazine, 2019, 156, 1657-1667.	1.5	4
68	Intra-oceanic arc: Its formation and evolution. Acta Petrologica Sinica, 2019, 35, 1-15.	0.8	23
69	Zircon U-Pb age and Hf isotope of intrusive rocks from the Yawa area in the west part of southern Lhasa terrane, Tibet. Acta Petrologica Sinica, 2019, 35, 423-438.	0.8	5
70	Early Miocene rapid exhumation in southern Tibet: Insights from Pâ€“Tâ€“tâ€“Dâ€“magmatism path of Yardoi dome. Lithos, 2018, 304-307, 38-56.	1.4	20
71	Uâ€“Pb age determination of schorlomite garnet by laser ablation inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 2018, 33, 231-239.	3.0	44
72	Mantle sources of kimberlites through time: A U-Pb and Lu-Hf isotope study of zircon megacrysts from the Siberian diamond fields. Chemical Geology, 2018, 479, 228-240.	3.3	54

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73	Mesozoic decratonization of the North China Craton by lithospheric delamination: Evidence from Sr-Nd-Hf-Os isotopes of mantle xenoliths of Cenozoic alkaline basalts in Yangyuan, Hebei Province, China. Journal of Asian Earth Sciences, 2018, 160, 396-407.	2.3	21
74	Genesis of late Early Cretaceous high-silica rhyolites in eastern Zhejiang Province, southeast China: A crystal mush origin with mantle input. Lithos, 2018, 296-299, 482-495.	1.4	32
75	Limited recycling of crustal osmium in forearc mantle during slab dehydration. Geology, 2018, 46, 239-242.	4.4	26
76	â€˜Premierâ€™ evidence for prolonged kimberlite pipe formation and its influence on diamond transport from deep Earth. Geology, 2018, 46, 843-846.	4.4	34
77	Asian Orogeny And Continental Tectonics From Geochemical Perspectives: A Special Issue in Memory of Professor Bor-ming Jahn for His Scientific Contributions and Service to JAES (Part 2). Journal of Asian Earth Sciences, 2018, 167, 1.	2.3	0
78	Variably evolved gabbroic intrusions within the Xigaze ophiolite (Tibet): new insights into the origin of ophiolite diversity. Contributions To Mineralogy and Petrology, 2018, 173, 1.	3.1	24
79	Magnesium Isotope Composition of Subduction Zone Fluids as Constrained by Jadeitites From Myanmar. Journal of Geophysical Research: Solid Earth, 2018, 123, 7566-7585.	3.4	19
80	<scp>GZ</scp>7 and <scp>GZ</scp>8 â€“ Two Zircon Reference Materials for <scp>SIMS</scp> Uâ€Pb Geochronology. Geostandards and Geoanalytical Research, 2018, 42, 431-457.	3.1	32
81	Reply to comment by on the article â€œComposition of the lithospheric mantle in the northern part of Siberian craton: Constraints from peridotites in the Obnazhennaya kimberliteâ€•by , Lithos 294, 383â€“396. Lithos, 2018, 314-315, 688-689.	1.4	0
82	Emplacement age and isotopic composition of the Prairie Lake carbonatite complex, Northwestern Ontario, Canada. Geological Magazine, 2017, 154, 217-236.	1.5	21
83	Decoding Neoarchaean to Palaeoproterozoic tectonothermal events in the Rangnim Massif, North Korea: regional correlation and broader implications. International Geology Review, 2017, 59, 16-28.	2.1	35
84	Highly fractionated granites: Recognition and research. Science China Earth Sciences, 2017, 60, 1201-1219.	5.2	429
85	Craton destruction and related resources. International Journal of Earth Sciences, 2017, 106, 2233-2257.	1.8	143
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87	Formation age and metasomatism of the sub-continental lithospheric mantle beneath southeast China: Sr-Nd-Hf-Os isotopes of Mingxi mantle xenoliths. Journal of Asian Earth Sciences, 2017, 145, 591-604.	2.3	16
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91	Composition of the lithospheric mantle in the northern part of Siberian craton: Constraints from peridotites in the Obnazhennaya kimberlite. Lithos, 2017, 294-295, 383-396.	1.4	10
92	Asian Orogeny And Continental Tectonics From Geochemical Perspectives: A Special Issue in Memory of Professor Bor-ming Jahn for His Scientific Contributions and Service to JAES. Journal of Asian Earth Sciences, 2017, 145, 297.	2.3	0
93	Early cretaceous topographic growth of the Lhasaplano, Tibetan plateau: Constraints from the Damxung conglomerate. Journal of Geophysical Research: Solid Earth, 2017, 122, 5748-5765.	3.4	27
94	A preliminary study of rare-metal mineralization in the Himalayan leucogranite belts, South Tibet. Science China Earth Sciences, 2017, 60, 1655-1663.	5.2	79
95	Zircon U-Pb geochronology and Hf isotopes of granitic rocks and river sands in the Nyingchi region, Tibet: Constraints on evolution of the deep crust beneath the southeast Lhasa terrane. Journal of Asian Earth Sciences, 2017, 145, 613-625.	2.3	12
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97	Uâ€“Pb ages, geochemistry, Câ€“Oâ€“Ndâ€“Srâ€“Hf isotopes and petrogenesis of the CatalÃ£o II carbonatitic complex (Alto ParanaÃba Igneous Province, Brazil): implications for regional-scale heterogeneities in the Brazilian carbonatite associations. International Journal of Earth Sciences, 2017, 106, 1963-1989.	1.8	36
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99	Pliocene-Quaternary crustal melting in central and northern Tibet and insights into crustal flow. Nature Communications, 2016, 7, 11888.	12.8	90
100	In-situ Uâ€“Pb dating and Nd isotopic analysis of perovskite from a rodingite blackwall associated with UHP serpentinite from southwestern Tianshan, China. Chemical Geology, 2016, 431, 67-82.	3.3	22
101	Upper Triassic turbidites of the northern Tethyan Himalaya (Langjiexue Group): The terminal of a sediment-routing system sourced in the Gondwanide Orogen. Gondwana Research, 2016, 34, 84-98.	6.0	70
102	Srâ€“Ndâ€“Hf isotopes of the intrusive rocks in the Cretaceous Xigaze ophiolite, southern Tibet: Constraints on its formation setting. Lithos, 2016, 258-259, 133-148.	1.4	49
103	Contrasting source domains for the Phanerozoic granitoids in South Korea revealed by zircon Hf isotopic signatures. Geosciences Journal, 2016, 20, 585-596.	1.2	6
104	Zircon U-Pb geochronological constraints on rapid exhumation of the mantle peridotite of the Xigaze ophiolite, southern Tibet. Chemical Geology, 2016, 443, 67-86.	3.3	62
105	Petrology and geochemistry of mantle peridotites from the Kalaymyo and Myitkyina ophiolites (Myanmar): Implications for tectonic settings. Lithos, 2016, 264, 495-508.	1.4	56
106	Zr and REE mineralization in sodic lujavrite from the Saima alkaline complex, northeastern China: A mineralogical study and comparison with potassic rocks. Lithos, 2016, 262, 232-246.	1.4	24
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110	Petrogenesis of coeval silica-saturated and silica-undersaturated alkaline rocks: Mineralogical and geochemical evidence from the Saima alkaline complex, NE China. Journal of Asian Earth Sciences, 2016, 117, 184-207.	2.3	59
111	Highly fractionated Late Eocene (~ 35 Ma) leucogranite in the Xiaru Dome, Tethyan Himalaya, South Tibet. Lithos, 2016, 240-243, 337-354.	1.4	109
112	Scheelite and coexisting F-rich zoned garnet, vesuvianite, fluorite, and apatite in calc-silicate rocks from the Mogok metamorphic belt, Myanmar: Implications for metasomatism in marble and the role of halogens in W mobilization and mineralization. Journal of Asian Earth Sciences, 2016, 117, 82-106.	2.3	46
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122	Granites: From felsic rocks to the recorder of continental evolution. Science China Earth Sciences, 2015, 58, 2353-2354.	5.2	1
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125	Detrital zircon Uâ€“Pb age and Hf isotopic composition from foreland sediments of the Assam Basin, NE India: Constraints on sediment provenance and tectonics of the Eastern Himalaya. Journal of Asian Earth Sciences, 2015, 111, 254-267.	2.3	33
126	Diagenetic xenotime dating to constrain the initial depositional time of the Yan-Liao Rift. Precambrian Research, 2015, 271, 20-32.	2.7	26

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129	Early Eocene sedimentary recycling in the Kailas area, southwestern Tibet: Implications for the initial Indiaâ€“Asia collision. Sedimentary Geology, 2015, 315, 1-13.	2.1	21
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131	Thinning and destruction of the cratonic lithosphere: A global perspective. Science China Earth Sciences, 2014, 57, 2878-2890.	5.2	102
132	Zircon U-Pb and Hf isotopic constraints on the onset time of India-Asia collision. Numerische Mathematik, 2014, 314, 548-579.	1.4	203
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