

# Shao-Cong Lai

## List of Publications by Year in descending order

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65  
papers

1,841  
citations

257450

24  
h-index

276875

41  
g-index

65  
all docs

65  
docs citations

65  
times ranked

991  
citing authors

#	ARTICLE	IF	CITATIONS
1	Granitic Magmatism in Eastern Tethys Domain (Western China) and their Geodynamic Implications. <i>Acta Geologica Sinica</i> , 2022, 96, 401-415.	1.4	8
2	Westward migration of high-magma addition rate events in SE Tibet. <i>Tectonophysics</i> , 2022, 830, 229308.	2.2	3
3	Magma mixing for the genesis of Neoproterozoic Mopanshan granitoids in the western Yangtze Block, South China. <i>Journal of Asian Earth Sciences</i> , 2022, 231, 105227.	2.3	9
4	Nickel isotopic composition of the upper continental crust. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 332, 263-284.	3.9	6
5	Early Palaeozoic alkaline trachytes in the North Daba Mountains, South Qinling Belt: petrogenesis and geological implications. <i>International Geology Review</i> , 2021, 63, 2037-2056.	2.1	7
6	Neoproterozoic metasomatized mantle beneath the western Yangtze Block, South China: Evidence from whole-rock geochemistry and zircon U-Pb-Hf isotopes of mafic rocks. <i>Journal of Asian Earth Sciences</i> , 2021, 206, 104616.	2.3	19
7	Peritectic assemblage entrainment (PAE) model for the petrogenesis of Neoproterozoic high-maficity I-type granitoids in the western Yangtze Block, South China. <i>Lithos</i> , 2021, 402-403, 106247.	1.4	5
8	Three stages of early Paleozoic magmatism in the Tibetan-Himalayan orogen: New insights into the final Gondwana assembly. <i>Journal of Asian Earth Sciences</i> , 2021, 221, 104949.	2.3	3
9	High-temperature melting of different crustal levels in the inner zone of the Emeishan large igneous province: Constraints from the Permian ferrosyenite and granite from the Panxi region. <i>Lithos</i> , 2021, 402-403, 105979.	1.4	2
10	High-K calc-alkaline to shoshonitic intrusions in SE Tibet: implications for metasomatized lithospheric mantle beneath an active continental margin. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	3.1	5
11	Late Triassic high-Mg diorites and associated mafic dikes from the southern Zhangguangcai Range (NE) Tj ETQq1 1 0.784314 rgBT / Overlooked 627-649.	1.3	5
12	Genesis of high-potassium calc-alkaline peraluminous I-type granite: New insights from the Gaoligong belt granites in southeastern Tibet Plateau. <i>Lithos</i> , 2020, 354-355, 105343.	1.4	8
13	Petrogenesis and geochemical diversity of Late Mesoproterozoic S-type granites in the western Yangtze Block, South China: Co-entrainment of peritectic selective phases and accessory minerals. <i>Lithos</i> , 2020, 352-353, 105326.	1.4	20
14	Genesis of ca. 850-835 Ma high-Mg# diorites in the western Yangtze Block, South China: Implications for mantle metasomatism under the subduction process. <i>Precambrian Research</i> , 2020, 343, 105738.	2.7	18
15	Neo-Tethyan evolution in southeastern extension of Tibet: Constraints from Early Paleocene to Early Eocene granitic rocks with associated enclaves in Tengchong Block. <i>Lithos</i> , 2020, 364-365, 105551.	1.4	7
16	Geochemistry and zircon U-Pb-Hf isotopes of the 780 Ma I-type granites in the western Yangtze Block: petrogenesis and crustal evolution. <i>International Geology Review</i> , 2019, 61, 1222-1243.	2.1	31
17	Early-Middle Triassic Intrusions in Western Inner Mongolia, China: Implications for the Final Orogenic Evolution in Southwestern Xing-Meng Orogenic Belt. <i>Journal of Earth Science (Wuhan)</i> , Tj ETQq1 1 0.784314 rgBT / Overlooked	1.3	5
18	Neoproterozoic peraluminous granites in the western margin of the Yangtze Block, South China: Implications for the reworking of mature continental crust. <i>Precambrian Research</i> , 2019, 333, 105443.	2.7	31

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19	Petrogenesis and geodynamic implications of Neoproterozoic gabbro-diorites, adakitic granites, and A-type granites in the southwestern margin of the Yangtze Block, South China. <i>Journal of Asian Earth Sciences</i> , 2019, 183, 103977.	2.3	38
20	Petrogenesis of high-K calc-alkaline granodiorite and its enclaves from the SE Lhasa block, Tibet (SW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2019, 131, 1224-1238.	3.3	21
21	Late Triassic Biotite Monzogranite from the Western Litang Area, Yidun Terrane, SW China: Petrogenesis and Tectonic Implications. <i>Acta Geologica Sinica</i> , 2019, 93, 307-321.	1.4	3
22	Petrogenesis of Early Cretaceous high-Mg# granodiorites in the northeastern Lhasa terrane, SE Tibet: Evidence for mantle-deep crustal interaction. <i>Journal of Asian Earth Sciences</i> , 2019, 177, 17-37.	2.3	5
23	Middle Permian high Sr/Y monzogranites in central Inner Mongolia: reworking of the juvenile lower crust of Bainaimiao arc belt during slab break-off of the Palaeo-Asian oceanic lithosphere. <i>International Geology Review</i> , 2019, 61, 2083-2099.	2.1	6
24	Compositional variations of granitic rocks in continental margin arc: Constraints from the petrogenesis of Eocene granitic rocks in the Tengchong Block, SW China. <i>Lithos</i> , 2019, 326-327, 125-143.	1.4	18
25	Neoproterozoic gabbro-granite association from the Micangshan area, northern Yangtze Block: Implication for crustal growth in an active continental margin. <i>Geological Journal</i> , 2018, 53, 2471-2486.	1.3	8
26	Petrogenesis of the Zheduoshan Cenozoic granites in the eastern margin of Tibet: Constraints on the initial activity of the Xianshuihe Fault. <i>Journal of Geodynamics</i> , 2018, 117, 49-59.	1.6	9
27	Petrogenesis of late Paleozoic-to-early Mesozoic granitoids and metagabbroic rocks of the Tengchong Block, SW China: implications for the evolution of the eastern Paleo-Tethys. <i>International Journal of Earth Sciences</i> , 2018, 107, 431-457.	1.8	19
28	U-Pb zircon geochronology, geochemistry, and Sr-Nd-Pb-Hf isotopic composition of the Late Cretaceous monzogranite from the north of the Yidun Arc, Tibetan Plateau Eastern, SW China: petrogenesis and tectonic implication. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	1.3	0
29	Early-Cretaceous Syenites and Granites in the Northeastern Tengchong Block, SW China: Petrogenesis and Tectonic Implications. <i>Acta Geologica Sinica</i> , 2018, 92, 1349-1365.	1.4	10
30	Strongly peraluminous fractionated S-type granites in the Baoshan Block, SW China: Implications for two-stage melting of fertile continental materials following the closure of Bangong-Nujiang Tethys. <i>Lithos</i> , 2018, 316-317, 178-198.	1.4	39
31	Early Cretaceous Na-rich granitoids and their enclaves in the Tengchong Block, SW China: Magmatism in relation to subduction of the Bangong-Nujiang Tethys ocean. <i>Lithos</i> , 2017, 286-287, 175-190.	1.4	42
32	Geochemical and geochronological characteristics of Late Cretaceous to Early Paleocene granitoids in the Tengchong Block, Southwestern China: Implications for crustal anatexis and thickness variations along the eastern Neo-Tethys subduction zone. <i>Tectonophysics</i> , 2017, 694, 87-100.	2.2	37
33	Neoproterozoic alkaline intrusive complex in the northwestern Yangtze Block, Micang Mountains region, South China: petrogenesis and tectonic significance. <i>International Geology Review</i> , 2017, 59, 311-332.	2.1	27
34	Late Early-Cretaceous quartz diorite-granodiorite monzogranite association from the Gaoligong belt, southeastern Tibet Plateau: Chemical variations and geodynamic implications. <i>Lithos</i> , 2017, 288-289, 311-325.	1.4	30
35	Evolution of the Proto-Tethys in the Baoshan block along the East Gondwana margin: constraints from early Palaeozoic magmatism. <i>International Geology Review</i> , 2017, 59, 1-15.	2.1	77
36	Petrogenesis of Eocene granitoids and microgranular enclaves in the western Tengchong Block: Constraints on eastward subduction of the Neo-Tethys. <i>Lithos</i> , 2016, 264, 96-107.	1.4	24

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37	Early Jurassic monzogranite-tonalite association from the southern Zhangguangcai Range: Implications for paleo-Pacific plate subduction along northeastern China. <i>Lithosphere</i> , 2016, 8, 396-411.	1.4	17
38	Tectono-magmatic evolution of the Gaoligong belt, southeastern margin of the Tibetan plateau: Constraints from granitic gneisses and granitoid intrusions. <i>Gondwana Research</i> , 2016, 35, 238-256.	6.0	59
39	Early-Cretaceous highly fractionated I-type granites from the northern Tengchong block, western Yunnan, SW China: Petrogenesis and tectonic implications. <i>Journal of Asian Earth Sciences</i> , 2015, 100, 145-163.	2.3	85
40	Neoproterozoic quartz monzodiorite-granodiorite association from the Luding-Kangding area: Implications for the interpretation of an active continental margin along the Yangtze Block (South) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.7	10
41	Zircon U-Pb ages, geochemistry, and Sr-Nd-Pb-Hf isotopic compositions of the Pinghe pluton, Southwest China: implications for the evolution of the early Palaeozoic Proto-Tethys in Southeast Asia. <i>International Geology Review</i> , 2014, 56, 885-904.	2.1	28
42	The carbonated source region of Cenozoic mafic and ultra-mafic lavas from western Qinling: Implications for eastern mantle extrusion in the northeastern margin of the Tibetan Plateau. <i>Gondwana Research</i> , 2014, 25, 1501-1516.	6.0	18
43	Petrogenesis of early Paleozoic peraluminous granite in the Sibumasu Block of SW Yunnan and diachronous accretionary orogenesis along the northern margin of Gondwana. <i>Lithos</i> , 2013, 182-183, 67-85.	1.4	144
44	Permian high Ti/Y basalts from the eastern part of the Emeishan Large Igneous Province, southwestern China: Petrogenesis and tectonic implications. <i>Journal of Asian Earth Sciences</i> , 2012, 47, 216-230.	2.3	84
45	Petrochemistry of granulite xenoliths from the Cenozoic Qiangtang volcanic field, northern Tibetan Plateau: implications for lower crust composition and genesis of the volcanism. <i>International Geology Review</i> , 2011, 53, 926-945.	2.1	24
46	Magma mixing origin for the post-collisional adakitic monzogranite of the Triassic Yangba pluton, Northwestern margin of the South China block: geochemistry, Sr-Nd isotopic, zircon U-Pb dating and Hf isotopic evidences. <i>Contributions To Mineralogy and Petrology</i> , 2010, 159, 389-409.	3.1	135
47	Origin of Late Triassic high-Mg adakitic granitoid rocks from the Dongjiangkou area, Qinling orogen, central China: Implications for subduction of continental crust. <i>Lithos</i> , 2010, 120, 347-367.	1.4	93
48	Geochemical evidence for origin of magma mixing for the Triassic monzonitic granite and its enclaves at Mishuling in the Qinling orogen (central China). <i>Lithos</i> , 2009, 112, 259-276.	1.4	158
49	U-Pb zircon, geochemical and Sr-Nd-Hf isotopic constraints on the age and origin of Early Palaeozoic I-type granite from the Tengchong-Baoshan Block, Western Yunnan Province, SW China. <i>Journal of Asian Earth Sciences</i> , 2009, 36, 168-182.	2.3	132
50	Post-collisional plutonism with adakitic signatures: The Triassic Yangba granodiorite (Bikou terrane,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.5	3
51	Partial Melting of Thickened Tibetan Crust: Geochemical Evidence from Cenozoic Adakitic Volcanic Rocks. <i>International Geology Review</i> , 2007, 49, 357-373.	2.1	29
52	Cenozoic volcanic rocks in the Belog Co area, Qiangtang, northern Tibet, China: Petrochemical evidence for partial melting of the mantle-crust transition zone. <i>Diqiu Huaxue</i> , 2007, 26, 305-311.	0.5	4
53	Post-collisional adakitic biotite plagiogranites from Guangtoushan pluton (Mianxian, central China): Petrogenesis and tectonic implication. <i>Frontiers of Earth Science</i> , 2007, 1, 299-303.	0.5	3
54	Geochemistry and Sr-Nd-Pb isotopic characteristics of the Mugouriwang Cenozoic volcanic rocks from Tibetan Plateau: Constraints on mantle source of the underplated basic magma. <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 984-994.	0.9	5

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55	Geochemistry and LA-ICP-MS zircon U-Pb dating of the Dongjiahe ophiolite complex from the western Bikou terrane. <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 305-313.	0.9	24
56	Geochemical characteristics of Bikou volcanic group and Sr-Nd-Pb isotopic composition: Evidence for breakup event in the north margin of Yangtze plate, Jining era. <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 339-350.	0.9	9
57	Genesis of the Madang Cenozoic sodic alkaline basalt in the eastern margin of the Tibetan Plateau and its continental dynamic implications. <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 314-321.	0.9	2
58	Further Study on Geochemical Characteristics and Genesis of the Boninitic Rocks from Bikou Group, Northern Yangtze Plate. <i>Journal of China University of Geosciences</i> , 2006, 17, 126-131.	0.5	3
59	Geochemistry of the ophiolite and oceanic island basalt in the Kangxian-Pipasi-Nanping tectonic mélange zone, South Qinling and their tectonic significance. <i>Science in China Series D: Earth Sciences</i> , 2004, 47, 128-137.	0.9	27
60	Geochemistry and regional distribution of ophiolites and associated volcanics in Mianli <sup>1/2</sup> e suture, Qinling-Dabie Mountains. <i>Science in China Series D: Earth Sciences</i> , 2004, 47, 289.	0.9	62
61	Geochemistry and Petrogenesis of Cenozoic Andesite-Dacite Associations from the Hoh Xil Region, Tibetan Plateau. <i>International Geology Review</i> , 2003, 45, 998-1019.	2.1	37
62	Discovery of the granulite xenoliths in Cenozoic volcanic rocks from Hoh Xil, Tibetan plateau *. <i>Progress in Natural Science: Materials International</i> , 2003, 13, 712-716.	4.4	2
63	Petrogenesis and its significance to continental dynamics of the Neogene high-potassium calc-alkaline volcanic rock association from north Qiangtang, Tibetan Plateau. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 45-55.	0.9	9
64	Three-phase uplift of the Qinghai-Tibet plateau during the Cenozoic period: Igneous petrology constraints. <i>Diqiu Huaxue</i> , 2000, 19, 152-160.	0.5	2
65	Petrogenesis of the Cenozoic volcanic rocks from the northern part of Qinhai-Xizang (Tibet) plateau. <i>Diqiu Huaxue</i> , 1999, 18, 361-371.	0.5	4