

Shoufa Lin

List of Publications by Year in descending order

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102
papers

4,985
citations

159585

30
h-index

91884

69
g-index

108
all docs

108
docs citations

108
times ranked

1938
citing authors

#	ARTICLE	IF	CITATIONS
1	Middle Cambrian to Permian subduction-related accretionary orogenesis of Northern Xinjiang, NW China: Implications for the tectonic evolution of central Asia. <i>Journal of Asian Earth Sciences</i> , 2008, 32, 102-117.	2.3	858
2	Paleozoic multiple subduction-accretion processes of the southern Altaids. <i>Numerische Mathematik</i> , 2009, 309, 221-270.	1.4	483
3	Paleozoic multiple accretionary and collisional processes of the Beishan orogenic collage. <i>Numerische Mathematik</i> , 2010, 310, 1553-1594.	1.4	338
4	Zircon U-Pb and Hf isotopic study of gneissic rocks from the Chinese Altai: Progressive accretionary history in the early to middle Palaeozoic. <i>Chemical Geology</i> , 2008, 247, 352-383.	3.3	296
5	Accretionary orogenesis of the Chinese Altai: Insights from Paleozoic granitoids. <i>Chemical Geology</i> , 2007, 242, 22-39.	3.3	272
6	Detrital zircon age and Hf isotopic studies for metasedimentary rocks from the Chinese Altai: Implications for the Early Paleozoic tectonic evolution of the Central Asian Orogenic Belt. <i>Tectonics</i> , 2007, 26, .	2.8	177
7	2.1-1.85Ga tectonic events in the Yangtze Block, South China: Petrological and geochronological evidence from the Kongling Complex and implications for the reconstruction of supercontinent Columbia. <i>Lithos</i> , 2013, 182-183, 200-210.	1.4	173
8	Appalachian-style multi-terrane Wilson cycle model for the assembly of South China. <i>Geology</i> , 2018, 46, 319-322.	4.4	138
9	Geochronology and geochemistry of igneous rocks from the Kongling terrane: Implications for Mesoarchean to Paleoproterozoic crustal evolution of the Yangtze Block. <i>Precambrian Research</i> , 2014, 255, 30-47.	2.7	129
10	Transpression (or transtension) zones of triclinic symmetry: natural example and theoretical modelling. <i>Geological Society Special Publication</i> , 1998, 135, 41-57.	1.3	103
11	Geochemistry and tectonic implications of late Mesoproterozoic alkaline bimodal volcanic rocks from the Tieshajie Group in the southeastern Yangtze Block, South China. <i>Precambrian Research</i> , 2013, 230, 179-192.	2.7	101
12	Tectonic evolution of the southeastern margin of the Yangtze Block: Constraints from SHRIMP U-Pb and LA-ICP-MS Hf isotopic studies of zircon from the eastern Jiangnan Orogenic Belt and implications for the tectonic interpretation of South China. <i>Precambrian Research</i> , 2013, 236, 145-156.	2.7	100
13	U-Pb and Hf isotopic study of zircons from migmatized amphibolites in the Cathaysia Block: Implications for the early Paleozoic peak tectonothermal event in Southeastern China. <i>Gondwana Research</i> , 2011, 19, 191-201.	6.0	93
14	Ca. 830 Ma back-arc type volcanic rocks in the eastern part of the Jiangnan orogen: Implications for the Neoproterozoic tectonic evolution of South China Block. <i>Precambrian Research</i> , 2016, 275, 209-224.	2.7	85
15	Deformation path in high-strain zones, with reference to slip partitioning in transpressional plate-boundary regions. <i>Journal of Structural Geology</i> , 2001, 23, 991-1005.	2.3	81
16	Synchronous vertical and horizontal tectonism in the Neoproterozoic: Kinematic evidence from a synclinal keel in the northwestern Superior craton, Canada. <i>Precambrian Research</i> , 2005, 139, 181-194.	2.7	75
17	Geochronology and geochemistry of volcanic rocks from the Shaojiwa Formation and Xingzi Group, Lushan area, SE China: Implications for Neoproterozoic back-arc basin in the Yangtze Block. <i>Precambrian Research</i> , 2013, 238, 1-17.	2.7	65
18	Synchronous vertical and horizontal tectonism at late stages of Archean cratonization and genesis of Hemlo gold deposit, Superior craton, Ontario, Canada. <i>Geology</i> , 2013, 41, 359-362.	4.4	65

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19	Crustal evolution of the Eastern Block in the North China Craton: Constraints from zircon U ²³⁵ /Pb geochronology and Lu ¹⁷⁶ /Hf isotopes of the Northern Liaoning Complex. <i>Precambrian Research</i> , 2016, 275, 35-47.	2.7	58
20	Promontory-promontory collision in the Canadian Appalachians. <i>Geology</i> , 1994, 22, 897.	4.4	53
21	Using along-strike variation in strain and kinematics to define the movement direction of curved transpressional shear zones: An example from northwestern Superior Province, Manitoba. <i>Geology</i> , 2001, 29, 767.	4.4	49
22	The origin of ridge-in-groove slickenside striae and associated steps in an S-C mylonite. <i>Journal of Structural Geology</i> , 1992, 14, 315-321.	2.3	47
23	Geochronology and geochemistry of volcanic rocks from the Jingtai Formation in the eastern Jiangnan orogen, South China: Constraints on petrogenesis and tectonic implications. <i>Precambrian Research</i> , 2018, 309, 166-180.	2.7	45
24	The geometrical relationship between the stretching lineation and the movement direction of shear zones. <i>Journal of Structural Geology</i> , 1992, 14, 491-497.	2.3	44
25	Collision between the North and South China blocks: A crustal-detachment model for suturing in the region east of the Tanlu fault: Comment and Reply. <i>Geology</i> , 1995, 23, 574.	4.4	43
26	Structural evolution of the Cross Lake greenstone belt in the northwestern Superior Province, Manitoba: implications for relationship between vertical and horizontal tectonism. <i>Canadian Journal of Earth Sciences</i> , 2006, 43, 767-787.	1.3	38
27	Diapirism and sagduction as a mechanism for deposition and burial of "Timiskaming-type" sedimentary sequences, Superior Province: Evidence from detrital zircon geochronology and implications for the Borden Lake conglomerate in the exposed middle to lower crust in the Kapuskasing uplift. <i>Precambrian Research</i> , 2013, 238, 148-157.	2.7	37
28	The Hongliuhe fold-and-thrust belt: Evidence of terminal collision and suture-reactivation after the Early Permian in the Beishan orogenic collage, Northwest China. <i>Gondwana Research</i> , 2015, 27, 796-810.	6.0	37
29	Structural controls on coalbed methane reservoirs in Faer coal mine, Southwest China. <i>Journal of Earth Science (Wuhan, China)</i> , 2013, 24, 437-448.	3.2	35
30	U-Pb Geochronological Constraints On The Evolution Of The ASPY Terrane, Cape Breton Island: Implications For Relationships Between ASPY And BRAS D'OR Terranes And Ganderia In The Canadian Appalachians. <i>Numerische Mathematik</i> , 2007, 307, 371-398.	1.4	33
31	Importance of differentiating ductile slickenside striations from stretching lineations and variation of shear direction across a high-strain zone. <i>Journal of Structural Geology</i> , 2007, 29, 850-862.	2.3	32
32	Petrogenesis and implications for tectonic setting of Cambrian suprasubduction-zone ophiolitic rocks in the central Beishan orogenic collage, Northwest China. <i>Journal of Asian Earth Sciences</i> , 2015, 113, 369-390.	2.3	32
33	First Direct Evidence of Pan-African Orogeny Associated with Gondwana Assembly in the Cathaysia Block of Southern China. <i>Scientific Reports</i> , 2017, 7, 794.	3.3	30
34	Detrital provenance of Early Mesozoic basins in the Jiangnan domain, South China: Paleogeographic and geodynamic implications. <i>Tectonophysics</i> , 2016, 675, 141-158.	2.2	28
35	Structural setting of the Young-Davidson syenite-hosted gold deposit in the Western Cadillac-Larder Lake Deformation Zone, Abitibi Greenstone Belt, Superior Province, Ontario. <i>Precambrian Research</i> , 2014, 248, 39-59.	2.7	27
36	Stratigraphic and Structural Setting of the Hemlo Gold Deposit, Ontario, Canada. <i>Economic Geology</i> , 2001, 96, 477-507.	3.8	24

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37	Relationship between non-cylindrical fold geometry and the shear direction in monoclinic and triclinic shear zones. <i>Journal of Structural Geology</i> , 2007, 29, 1022-1033.	2.3	23
38	Relationship between the Aspy and Bras d'Or "terrane" in the northeastern Cape Breton Highlands, Nova Scotia. <i>Canadian Journal of Earth Sciences</i> , 1993, 30, 1773-1781.	1.3	22
39	The Middle Ordovician to Early Silurian voyage of the Dashwoods microcontinent, West Newfoundland; based on new U/Pb and ⁴⁰ Ar/ ³⁹ Ar geochronological, and kinematic constraints. <i>Numerische Mathematik</i> , 2007, 307, 311-338.	1.4	21
40	Tectonically deformed coal types and pore structures in Puhe and Shanchahe coal mines in western Guizhou. <i>Mining Science and Technology</i> , 2011, 21, 353-357.	0.3	21
41	Deformation partitioning in transpressional shear zones with an along-strike stretch component: An example from the Superior Boundary Zone, Manitoba, Canada. <i>Journal of Structural Geology</i> , 2011, 33, 192-202.	2.3	20
42	The Corner Brook Lake block in the Newfoundland Appalachians: A suspect terrane along the Laurentian margin and evidence for large-scale orogen-parallel motion. <i>Bulletin of the Geological Society of America</i> , 2013, 125, 1618-1632.	3.3	20
43	Structural constraints on the tectonic evolution of a late Archean greenstone belt in the northeastern Superior Province, northern Quebec (Canada). <i>Tectonophysics</i> , 1996, 265, 151-167.	2.2	19
44	Interpretation of deformation fabrics of infrastructure zone rocks in the context of channel flow and other tectonic models. <i>Geological Society Special Publication</i> , 2006, 268, 221-235.	1.3	19
45	Paleostress inversion of fault-slip data from the Jurassic to Cretaceous Huangshan Basin and implications for the tectonic evolution of southeastern China. <i>Journal of Geodynamics</i> , 2016, 98, 31-52.	1.6	19
46	Kinematics and timing of shear zone deformation in the western Coast Belt: evidence for mid-Cretaceous orogen-parallel extension. <i>Journal of Structural Geology</i> , 2014, 68, 273-299.	2.3	18
47	Geological evolution of the northwestern Superior Province: Clues from geology, kinematics, and geochronology in the Gods Lake Narrows area, Oxford Lake-Stull terrane, Manitoba. <i>Canadian Journal of Earth Sciences</i> , 2006, 43, 749-765.	1.3	17
48	Structural evolution and tectonic significance of the Eastern Highlands shear zone in Cape Breton Island, the Canadian Appalachians. <i>Canadian Journal of Earth Sciences</i> , 1995, 32, 545-554.	1.3	16
49	New high-precision U-Pb ages for the Island Lake greenstone belt, northwestern Superior Province: implications for regional stratigraphy and the extent of the North Caribou terrane. <i>Canadian Journal of Earth Sciences</i> , 2006, 43, 789-803.	1.3	16
50	Dunhuang Tectonic Belt in northwestern China as a part of the Central Asian Orogenic Belt: Structural and U-Pb geochronological evidence. <i>Tectonophysics</i> , 2018, 747-748, 281-297.	2.2	16
51	Unraveling the Geologic History of the Hemlo Archean Gold Deposit, Superior Province, Canada: A U-Pb Geochronological Study. <i>Economic Geology</i> , 2003, 98, 51-67.	3.8	16
52	Himalayan-type escape tectonics along the Superior Boundary Zone in Manitoba, Canada. <i>Precambrian Research</i> , 2011, 187, 248-262.	2.7	15
53	Appalachian-style multi-terrane Wilson cycle model for the assembly of South China: REPLY. <i>Geology</i> , 2018, 46, e447-e448.	4.4	15
54	Successive arc accretion in the southern Central Asian orogenic belt, NW China: Evidence from two Paleozoic arcs with offset magmatic periods. <i>Bulletin of the Geological Society of America</i> , 2018, 130, 537-557.	3.3	15

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55	Geology and U-Pb geochronology of the Island Lake greenstone belt, northwestern Superior Province, Manitoba. <i>Canadian Journal of Earth Sciences</i> , 2000, 37, 1275-1286.	1.3	14
56	Transformation from Neoproterozoic Sinistral to Early Paleozoic Dextral Shearing for the Jingdezhen Ductile Shear Zone in the Jiangnan Orogen, South China. <i>Journal of Earth Science (Wuhan)</i> , 2022, 33, 1023-1034.	0.2	1
57	$^{40}\text{Ar}/^{39}\text{Ar}$ age pattern associated with differential uplift along the Eastern Highlands shear zone, Cape Breton Island, Canadian Appalachians. <i>Journal of Structural Geology</i> , 2001, 23, 1031-1042.	2.3	13
58	Structural Setting and Geochronology of Auriferous Quartz Veins at the High Rock Island Gold Deposit, Northwestern Superior Province, Manitoba, Canada. <i>Economic Geology</i> , 2002, 97, 43-57.	3.8	13
59	Meso- and Neoproterozoic evolution of the Island Lake greenstone belt and the northwestern Superior Province: Evidence from litho-geochemistry, Nd isotope data, and U-Pb zircon geochronology. <i>Precambrian Research</i> , 2014, 246, 160-179.	2.7	13
60	Paleoproterozoic hydrothermal reactivation in a neoproterozoic orogenic lode-gold deposit of the southern Abitibi subprovince: U-Pb monazite geochronological evidence from the Young-Davidson mine, Ontario. <i>Precambrian Research</i> , 2014, 249, 263-272.	2.7	13
61	Zircon U-Pb ages and Hf isotope compositions of the Chencai migmatite, central Zhejiang Province, South China: constraints on the early Palaeozoic orogeny. <i>Geological Magazine</i> , 2018, 155, 1377-1393.	1.5	12
62	Constraints on the tectonic evolution of the southern central Asian orogenic belt from early Permian-middle Triassic granitoids from the central Dunhuang orogenic belt, NW China. <i>Journal of Asian Earth Sciences</i> , 2020, 194, 104283.	2.3	12
63	Detrital zircon geochronology of a conglomerate in the northeastern Cape Breton Highlands: implications for the relationships between terranes in Cape Breton Island, the Canadian Appalachians. <i>Canadian Journal of Earth Sciences</i> , 1995, 32, 216-223.	1.3	11
64	Timing and kinematics of crustal movement in the Northern Superior superterrane: Insights from the Gull Rapids area of the Split Lake Block, Manitoba. <i>Precambrian Research</i> , 2009, 168, 134-148.	2.7	11
65	Long-lived transpression in the Archean Bird River greenstone belt, western Superior Province, Southeastern Manitoba. <i>Precambrian Research</i> , 2009, 174, 381-407.	2.7	11
66	Early Palaeozoic oceanic island-seamount assemblage in northern Fujian, South China: Implications for pre-Devonian tectonic evolution of the Wuyi orogenic belt. <i>Geological Journal</i> , 2020, 55, 3208-3228.	1.3	11
67	The 1.14 Ga mafic intrusions in the SW Yangtze Block, South China: Records of late Mesoproterozoic intraplate magmatism. <i>Journal of Asian Earth Sciences</i> , 2021, 205, 104603.	2.3	11
68	Magmatic and tectonic emplacement of the Pukaskwa batholith, Superior Province, Ontario, Canada. This article is one of a series of papers published in this Special Issue on the theme of <i>Geochronology</i> in honour of Tom Krogh. <i>Canadian Journal of Earth Sciences</i> , 2011, 48, 187-204.	1.3	10
69	Characteristics of Coalbed Methane Reservoirs in Faer Coalfield, Western Guizhou. <i>Energy Exploration and Exploitation</i> , 2013, 31, 411-428.	2.3	10
70	Latest Mesoproterozoic provenance shift in the southwestern Yangtze Block, South China: Insights into tectonic evolution in the context of the supercontinent cycle. <i>Gondwana Research</i> , 2021, 99, 131-148.	6.0	10
71	The ca. 1.18-1.14 Ga A-type granites in the southwestern Yangtze Block, South China: New evidence for late Mesoproterozoic continental rifting. <i>Precambrian Research</i> , 2021, 363, 106358.	2.7	9
72	Identification of ca. 520 Ma mid-ocean-ridge-type ophiolite suite in the inner Cathaysia block, South China: Evidence from shearing-type oceanic plagiogranite. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 1701-1720.	3.3	9

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73	Structure and geochronology of the Tongbai complex and their implications for the evolution of the Tongbai orogenic belt, central China. <i>International Geology Review</i> , 2017, 59, 470-483.	2.1	8
74	Turbidite record of a middle Neoproterozoic active continental margin in the West Cathaysia terrane, South China: Implications for the relationships between the Yangtze and Cathaysia blocks and their positions in Rodinia. <i>Precambrian Research</i> , 2020, 337, 105457.	2.7	8
75	Deformation history of the Qianlishan Complex, Khondalite Belt, North China: Structures, ages and tectonic implications. <i>Journal of Structural Geology</i> , 2020, 141, 104176.	2.3	8
76	Episodic Archean crustal accretion in the North China Craton: Insights from integrated zircon U-Pb-Hf-O isotopes of the Southern Jilin Complex, northeast China. <i>Precambrian Research</i> , 2021, 358, 106150.	2.7	8
77	Paleoproterozoic tectonic evolution from subduction to collision of the Khondalite Belt in North China: Evidence from multiple magmatism in the Qianlishan Complex. <i>Precambrian Research</i> , 2022, 368, 106471.	2.7	8
78	The geometrical relationship between the stretching lineation and the movement direction of shear zones: Reply. <i>Journal of Structural Geology</i> , 1993, 15, 241-242.	2.3	7
79	Geochronology and geochemistry of bimodal volcanic rocks from the western Jiangnan Orogenic Belt: Petrogenesis, source nature and tectonic implication. <i>Precambrian Research</i> , 2021, 359, 106218.	2.7	7
80	Comment: When did the life of plate tectonics begin?. <i>GSA Today</i> , 2007, 17, 12.	2.0	7
81	Elucidating tectonic events and processes from variably tectonized conglomerate clast detrital geochronology: Examples from the Permian Hongliuhe Formation in the southern Central Asian orogenic Belt, NW China. <i>Tectonics</i> , 2016, 35, 1626-1641.	2.8	6
82	Locating terrane boundaries in South China with big geochemical data mining. <i>Journal of Geochemical Exploration</i> , 2022, 236, 106977.	3.2	5
83	Orogen-scale L tectonite domain in the Tongbai orogenic belt, central China: Geological setting and origin. <i>Journal of Structural Geology</i> , 2017, 94, 184-194.	2.3	4
84	Geochronological and geochemical data of paragneiss and amphibolite from the Chencai Group in South China: Implications for petrogenesis and tectonic significance. <i>Geological Journal</i> , 2020, 55, 6823-6840.	1.3	4
85	Metamorphism and geochronology of high-pressure mafic granulites (retrograded eclogites?) in East Cathaysia terrane of South China: Implications for Mesozoic tectonic evolution. <i>Bulletin of the Geological Society of America</i> , 0, , .	3.3	4
86	Late Neoproterozoic metavolcanic rocks from the Tonghua area, Southern Jilin Province, China: Constraints on the formation and evolution of the northeastern North China Craton. <i>Precambrian Research</i> , 2021, 362, 106266.	2.7	4
87	Geochronology and geochemical characteristics of Paleoproterozoic syn-orogenic granitoids and constraints on the geological evolution of the Jiao-Liao-Ji orogenic Belt, North China Craton. <i>Precambrian Research</i> , 2021, 365, 106386.	2.7	4
88	Comment on "Tectonic burial, thrust emplacement, and extensional exhumation of the Cabot nappe in the Appalachian hinterland of Cape Breton Island, Canada" by Gregory Lynch. <i>Tectonics</i> , 1997, 16, 702-706.	2.8	3
89	Paleozoic multiple accretionary and collisional processes of the Beishan orogenic collage. <i>Numerische Mathematik</i> , 2011, 311, 483-483.	1.4	3
90	Stratigraphy, structure and lode gold system at the Central Manitoba mine trend, Rice Lake greenstone belt, Archean Superior Province, Manitoba, Canada. <i>Precambrian Research</i> , 2016, 281, 80-100.	2.7	3

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91	Geochronology and geochemistry of granites from the Hengjian area, Qinling Orogenic Belt: Implications for the Late Palaeozoic tectonic evolution of the North Qinling Terrane, China. <i>Geological Journal</i> , 2021, 56, 5140-5162.	1.3	3
92	Structural Setting and Geochronology of Auriferous Quartz Veins at the High Rock Island Gold Deposit, Northwestern Superior Province, Manitoba, Canada. <i>Economic Geology</i> , 2002, 97, 43-57.	3.8	3
93	Analysis of the tectonite types and tectonic deformations of Wenji area in the northern Feidong part of the Tan-Lu Fault Zone. <i>Acta Petrologica Sinica</i> , 2020, 36, 601-620.	0.8	3
94	Petrogenesis and mantle source characteristics of Cenozoic alkaline diabase, Jiangxi Province, southeastern China. <i>International Geology Review</i> , 2014, 56, 1919-1931.	2.1	2
95	A Uniform Orogenic-parallel Extension System of the Shear Zones in the Tongbai-Dabie Orogenic Belt, Central China. <i>Acta Geologica Sinica</i> , 2018, 92, 556-567.	1.4	2
96	A structural-metamorphic study of the Gubaoquan eclogites and enveloping rock units in the Beishan Orogenic Collage, NW China, with emphasis on the structural evolution, nature of juxtaposition and exhumation. <i>International Journal of Earth Sciences</i> , 0, , .	1.8	2
97	Relationship between the Aspy and Bras d'Or "terrane" in the northeastern Cape Breton Highlands, Nova Scotia: Reply. <i>Canadian Journal of Earth Sciences</i> , 1994, 31, 1385-1387.	1.3	1
98	Deformation of the Shirensan Block in the North Qinling. <i>Acta Geologica Sinica</i> , 2017, 91, 351-352.	1.4	1
99	Geochronology and structural deformation of Precambrian metamorphic basement in the eastern Jiangnan orogenic belt: constraints on the assembly time of the Yangtze and Cathaysia blocks. <i>Earth Science Informatics</i> , 0, , 1.	3.2	1
100	Tectonics and Sedimentology of Accretionary and Collisional Orogens. <i>Journal of Asian Earth Sciences</i> , 2022, , 105270.	2.3	1
101	Quartz veins with younger pyrite-gold mineralization, Manitoba, Canada. <i>Journal of Structural Geology</i> , 2009, 31, 757-758.	2.3	0
102	Tectonic Characteristics, Evolution, and Significance of the Zhouwang Fault, Lower Yangtze Area, Eastern China. <i>Acta Geologica Sinica</i> , 0, , .	1.4	0