Shuwen Dong

List of Publications by Year in Descending Order

112 papers	5,178 citations	37 h-index	70 g-index
118 ext. papers	6,044 ext. citations	3 avg, IF	5.5 L-index

#	Paper	IF	Citations
112	Late Mesozoic intracontinental deformation and magmatism in North and NE China in response to multi-plate convergence in NE Asia: An overview and new view. *Tectonophysics*, **2022**, 229377	3.1	2
111	Polyphase deformation in the Badu complex: Insights into Triassic intraplate orogeny in South China. *Journal of Structural Geology*, **2021**, 104475	3	1
110	Magnetostratigraphic ages of the Cenozoic Weihe and Shanxi Grabens in North China and their tectonic implications. *Tectonophysics*, **2021**, 813, 228914	3.1	4
109	Mantle influx compensates crustal thinning beneath the Cathaysia Block, South China: Evidence from SINOPROBE reflection profiling. *Earth and Planetary Science Letters*, **2020**, 544, 116360	5.3	22
108	Early Devonian (415–400 Ma) A-type granitoids and diabases in the Wuyishan, eastern Cathaysia: A signal of crustal extension coeval with the separation of South China from Gondwana. *Bulletin of the Geological Society of America*, **2020**, 132, 2295-2317	3.9	5
107	Jurassic intracontinental deformation of the central North China Plate: Insights from syn-tectonic sedimentation, structural geology, and U Pb geochronology of the Yungang Basin, North China. *Tectonophysics*, **2020**, 778, 228371	3.1	4
106	Xenocrystic/inherited Precambrian zircons entrained within igneous rocks from eastern South China: Tracking unexposed ancient crust and implications for late Paleoproterozoic orogenesis. *Gondwana Research*, **2020**, 84, 194-210	5.1	3
105	Neotectonics around the Ordos Block, North China: A review and new insights. *Earth-Science Reviews*, **2020**, 200, 102969	10.2	41
104	Building Southeast China in the late Mesozoic: Insights from alternating episodes of shortening and extension along the Lianhuashan fault zone. *Earth-Science Reviews*, **2020**, 201, 103056	10.2	30
103	Nature and Evolution of Pre-Neoproterozoic Continental Crust in South China: A Review and Tectonic Implications. *Acta Geologica Sinica*, **2020**, 94, 1731	0.7	0
102	New insights into Paleoproterozoic tectonics of the Yangtze Block in the context of early Nuna assembly: Possible collisional granitic magmatism in the Zhongxiang Complex, South China. *Precambrian Research*, **2019**, 334, 105452	3.9	9
101	Tectonically controlled evolution of the Yellow River drainage system in the Weihe region, North China: Constraints from sedimentation, mineralogy and geochemistry. *Journal of Asian Earth Sciences*, **2019**, 179, 350-364	2.8	10
100	Lithospheric delamination and upwelling asthenosphere in the Longmenshan area: insight from teleseismic P-wave tomography. *Scientific Reports*, **2019**, 9, 6967	4.9	5
99	Late Paleogene sinistral strike-slip system along east Qinling and in southern North China: Implications for interaction between collision-related block trans-rotation and subduction-related back-arc extension in East China. *Tectonophysics*, **2019**, 769, 228181	3.1	10
98	Early Paleozoic tectonic reactivation of the Shaoxing-Jiangshan fault zone: Structural and geochronological constraints from the Chencai domain, South China. *Journal of Structural Geology*, **2018**, 110, 116-130	3	10
97	An Andean-type retro-arc foreland system beneath northwest South China revealed by SINOPROBE profiling. *Earth and Planetary Science Letters*, **2018**, 490, 170-179	5.3	57
96	Late Mesozoic high-K calc-alkaline magmatism in Southeast China: the Tongling example. *International Geology Review*, **2018**, 60, 1326-1360	2.3	26

95	Formation process of mid-Neoproterozoic mafic rocks from the western Jiangnan Orogen, South China: insights from SHRIMP U-Pb dating and geochemical analysis. *International Geology Review*, **2018**, 60, 365-381	2.3	3
94	Geochronology, geochemistry, and tectonic implications of Jishou Cretaceous diabase, western Xuefengshan tectonic zone in South China. *Geological Journal*, **2018**, 53, 1186-1199	1.7	1
93	The Yanshan orogeny and late Mesozoic multi-plate convergence in East Asia: Commemorating 90th years of the Yanshan Orogeny. *Science China Earth Sciences*, **2018**, 61, 1888-1909	4.6	47
92	Age and chemical composition of Archean metapelites in the Zhongxiang Complex and implications for early crustal evolution of the Yangtze Craton. *Lithos*, **2018**, 320-321, 280-301	2.9	4
91	Yanshanian deformation along the northern margin of the North China Craton: Constraints from growth strata in the Shiguai Basin, Inner Mongolia, China. *Basin Research*, **2018**, 30, 1155-1179	3.2	6
90	Early crustal evolution of the Yangtze Craton, South China: New constraints from zircon U-Pb-Hf isotopes and geochemistry of ca. 2.9-2.6 Ga granitic rocks in the Zhongxiang Complex. *Precambrian Research*, **2018**, 314, 325-352	3.9	55
89	New insights into Phanerozoic tectonics of South China: Early Paleozoic sinistral and Triassic dextral transpression in the east Wuyishan and Chencai domains, NE Cathaysia. *Tectonics*, **2017**, 36, 819-853	4.3	62
88	Permo-Triassic structural evolution of the Shiwandashan and Youjiang structural belts, South China. *Journal of Structural Geology*, **2017**, 100, 24-44	3	34
87	The Jurassic structural evolution of the western Daqingshan area, eastern Yinshan belt, North China. *International Geology Review*, **2017**, 59, 1885-1907	2.3	15
86	Neoproterozoic post-collisional extension of the central Jiangnan Orogen: Geochemical, geochronological, and Lu-Hf isotopic constraints from the ca. 820-800 Ma magmatic rocks. *Precambrian Research*, **2017**, 294, 91-110	3.9	44
85	Orogeny processes of the western Jiangnan Orogen, South China:Insights from Neoproterozoic igneous rocks and a deep seismic profile. *Journal of Geodynamics*, **2017**, 103, 42-56	2.2	10
84	Tectonic history of the Ordos Block and Qinling Orogen inferred from crustal thickness. *Geophysical Journal International*, **2017**, 210, 303-320	2.6	12
83	Apatite fission track geochronology of the Southern Hunan province across the Shi-Hang Belt: insights into the Cenozoic dynamic topography of South China. *International Geology Review*, **2017**, 59, 981-995	2.3	8
82	Thermal evolution of the Hengshan extensional dome in central South China and its tectonic implications: New insights into low-angle detachment formation. *Gondwana Research*, **2016**, 35, 425-441	5.1	16
81	New insights into Phanerozoic tectonics of south China: Part 1, polyphase deformation in the Jiuling and Lianyunshan domains of the central Jiangnan Orogen. *Journal of Geophysical Research: Solid Earth*, **2016**, 121, 3048-3080	3.6	69
80	Episodic Mesozoic constructional events of central South China: constraints from lines of evidence of superimposed folds, fault kinematic analysis, and magma geochronology. *International Geology Review*, **2016**, 58, 1076-1107	2.3	11
79	The structural and tectonic relationships of the major fault systems of the Tan-Lu fault zone, with a focus on the segments within the North China region. *Journal of Asian Earth Sciences*, **2015**, 110, 85-100	2.8	28
78	A possible buried Paleoproterozoic collisional orogen beneath central South China: Evidence from seismic-reflection profiling. *Precambrian Research*, **2015**, 264, 1-10	3.9	72

77	Middle Jurassic syn-kinematic magmatism, anatexis and metamorphism in the Zheduo-Gonggar massif, implication for the deformation of the Xianshuihe fault zone, East Tibet. *Journal of Asian Earth Sciences*, **2015**, 107, 35-52	2.8	14
76	Cenozoic tectonic evolution of the South Ningxia region, northeastern Tibetan Plateau inferred from new structural investigations and fault kinematic analyses. *Tectonophysics*, **2015**, 649, 139-164	3.1	41
75	Continental dynamics of Eastern China: Insights from tectonic history and receiver function analysis. *Earth-Science Reviews*, **2015**, 145, 9-24	10.2	13
74	The typical large-scale superposed folds in the central South China: Implications for Mesozoic intracontinental deformation of the South China Block. *Tectonophysics*, **2015**, 664, 50-66	3.1	26
73	Numerical investigation of the geodynamic mechanism for the late Jurassic deformation of the Ordos block and surrounding orogenic belts. *Journal of Asian Earth Sciences*, **2015**, 114, 623-633	2.8	12
72	Active tectonics in Taiwan: insights from a 3-D viscous finite element model. *Earthquake Science*, **2015**, 28, 353-363	1.5	4
71	Anisotropic upper crust above the aftershock zone of the 2013 Ms 7.0 Lushan earthquake from the shear wave splitting analysis. *Geochemistry, Geophysics, Geosystems*, **2015**, 16, 3679-3696	3.6	8
70	Mesozoic tectonic evolution of the Daba Shan Thrust Belt in the southern Qinling orogen, central China: Constraints from surface geology and reflection seismology. *Tectonics*, **2015**, 34, 1545-1575	4.3	36
69	Late Jurassic–Early Cretaceous continental convergence and intracontinental orogenesis in East Asia: A synthesis of the Yanshan Revolution. *Journal of Asian Earth Sciences*, **2015**, 114, 750-770	2.8	126
68	Characteristics of Hydrocarbon Fluid Inclusions and Their Significance for Evolution of Petroleum Systems in the Dabashan Foreland, Central China. *Acta Geologica Sinica*, **2015**, 89, 861-875	0.7	3
67	Destruction of the North China Craton: a perspective based on receiver function analysis. *Geological Journal*, **2015**, 50, 93-103	1.7	17
66	Crustal structure and geodynamics of the Middle and Lower reaches of Yangtze metallogenic belt and neighboring areas: Insights from deep seismic reflection profiling. *Journal of Asian Earth Sciences*, **2015**, 114, 704-716	2.8	28
65	The deformation and tectonic evolution of the Huahui Basin, northeast China, during the Cretaceous–Early Cenozoic. *Journal of Asian Earth Sciences*, **2015**, 114, 717-731	2.8	11
64	Late Cenozoic sedimentation of Nihewan Basin, central North China and its tectonic significance. *Journal of Asian Earth Sciences*, **2015**, 114, 242-257	2.8	14
63	Crustal thickening and uplift of the Tibetan Plateau inferred from receiver function analysis. *Journal of Asian Earth Sciences*, **2015**, 99, 112-124	2.8	3
62	Tectonic evolution of Cretaceous extensional basins in Zhejiang Province, eastern South China: structural and geochronological constraints. *International Geology Review*, **2014**, 56, 1602-1629	2.3	39
61	Seismic structure of the Longmenshan area in SW China inferred from receiver function analysis: Implications for future large earthquakes. *Journal of Asian Earth Sciences*, **2014**, 96, 226-236	2.8	8
60	Timing of the initiation of the Jurassic Yanshan movement on the North China Craton: evidence from sedimentary cycles, heavy minerals, geochemistry, and zircon U–Pb geochronology. *International Geology Review*, **2014**, 56, 288-312	2.3	36

59	Geochronology and Hf isotopes of granite gravel from Fanjingshan, South China: Implication for the precambrian tectonic evolution of western Jiangnan orogen. *Journal of Earth Science (Wuhan, China)*, **2014**, 25, 619-629	2.2	18
58	Mechanism on Moho offset induced by aseismic slip of deeply buried faults. *Earthquake Science*, **2014**, 27, 247-256	1.5	1
57	Cretaceous tectonic evolution of South China: A preliminary synthesis. *Earth-Science Reviews*, **2014**, 134, 98-136	10.2	298
56	Seismic evidence for plume-induced rifting in the Songliao Basin of Northeast China. *Tectonophysics* , **2014**, 627, 171-181	3.1	18
55	Detrital zircon geochronology of pre-Cretaceous strata: tectonic implications for the Jiangnan Orogen, South China. *Geological Magazine*, **2014**, 151, 975-995	2	27
54	Crustal structure and continental dynamics of Central China: A receiver function study and implications for ultrahigh-pressure metamorphism. *Tectonophysics*, **2014**, 610, 172-181	3.1	17
53	Experimental investigation of phase transformations of olivine and enstatite at the lower part of the mantle transition zone: Implications for structure of the 660 km seismic discontinuity. *Science China Earth Sciences*, **2014**, 57, 592-599	4.6	1
52	Progress in deep lithospheric exploration of the continental China: A review of the SinoProbe. *Tectonophysics*, **2013**, 606, 1-13	3.1	45
51	Tectonically driven organic fluid migration in the Dabashan Foreland Belt: Evidenced by geochemistry and geothermometry of vein-filling fibrous calcite with organic inclusions. *Journal of Asian Earth Sciences*, **2013**, 75, 202-212	2.8	16
50	Crustal structure beneath the middle□lower Yangtze metallogenic belt in East China: Constraints from passive source seismic experiment on the Mesozoic intra-continental mineralization. *Tectonophysics*, **2013**, 606, 48-59	3.1	37
49	Zircon U□Pb geochronology of the Mesozoic metamorphic rocks and granitoids in the coastal tectonic zone of SE China: Constraints on the timing of Late Mesozoic orogeny. *Journal of Asian Earth Sciences*, **2013**, 62, 237-252	2.8	49
48	3D thermal structure of the continental lithosphere beneath China and adjacent regions. *Journal of Asian Earth Sciences*, **2013**, 62, 697-704	2.8	46
47	The Hengshan low-angle normal fault zone: Structural and geochronological constraints on the Late Mesozoic crustal extension in South China. *Tectonophysics*, **2013**, 606, 97-115	3.1	64
46	Reflection seismic imaging of the Lujiang□Zongyang volcanic basin, Yangtze Metallogenic Belt: An insight into the crustal structure and geodynamics of an ore district. *Tectonophysics*, **2013**, 606, 60-77	3.1	35
45	What drove continued continent-continent convergence after ocean closure? Insights from high-resolution seismic-reflection profiling across the Daba Shan in central China. *Geology*, **2013**, 41, 671-674	5	86
44	Structural and geochronological constraints on the Mesozoic tectonic evolution of the North Dabashan zone, South Qinling, central China. *Journal of Asian Earth Sciences*, **2013**, 64, 99-114	2.8	56
43	Oil/Gas migration and aggregation in intra-continental orogen based on numerical simulation: A case study from the Dabashan orocline, Central China. *Journal of Earth Science (Wuhan, China)*, **2013** , 24, 254-261	2.2	1
42	Tectonic development of the northeastern Tibetan Plateau as constrained by high-resolution deep seismic-reflection data. *Lithosphere*, **2013**, 5, 555-574	2.7	60

41	Geohazards Induced by the Lushan Ms7.0 Earthquake in Sichuan Province, Southwest China: Typical Examples, Types and Distributional Characteristics. *Acta Geologica Sinica*, **2013**, 87, 646-657	0.7	26
40	Formation of the Moping Dome in the Xuefengshan Orocline, Central China and its Tectonic Significance. *Acta Geologica Sinica*, **2013**, 87, 720-729	0.7	8
39	Seismogenic Structure of the April 20, 2013, Lushan Ms7 Earthquake in Sichuan. *Acta Geologica Sinica*, **2013**, 87, 633-645	0.7	24
38	Meso-Cenozoic tectonic evolution of the Dangyang Basin, north-central Yangtze craton, central China. *International Geology Review*, **2013**, 55, 382-396	2.3	15
37	Phase transitions of harzburgite and buckled slab under eastern China. *Geochemistry, Geophysics, Geosystems*, **2013**, 14, 1182-1199	3.6	21
36	Seismic Evidence for a Geosuture between the Yangtze and Cathaysia Blocks, South China. *Scientific Reports*, **2013**, 3, 2200	4.9	69
35	Formation of Natural Bitumen and its Implication for Oil/gas Prospect in Dabashan Foreland. *Acta Geologica Sinica*, **2012**, 86, 462-472	0.7	4
34	Intra-continental Dabashan orocline, southwestern Qinling, Central China. *Journal of Asian Earth Sciences*, **2012**, 46, 20-38	2.8	80
33	UPb and 40Ar/39Ar geochronology of the Tongbai complex, central China: Implications for Cretaceous exhumation and lateral extrusion of the TongbaiDabie HP/UHP terrane. *Journal of Asian Earth Sciences*, **2012**, 47, 155-170	2.8	30
32	Seismic Technique for Studying Sedimentary Layer: Bohai Basin as an Example. *Acta Geologica Sinica*, **2012**, 86, 1105-1115	0.7	5
31	Samarium-Neodymium and Strontium Systematics Applied to Calcite Veins in Dabashan Thrust and Fold Belt in China: Dating and Tracing of the Fluid. *Advanced Materials Research*, **2012**, 455-456, 1552-1560	0.5	1
30	A multidisciplinary Earth science research program in China. *Eos*, **2011**, 92, 313-314	1.5	12
29	Changes of Late Mesozoic Tectonic Regimes around the Ordos Basin (North China) and their Geodynamic Implications. *Acta Geologica Sinica*, **2011**, 85, 1254-1276	0.7	34
28	Not all folds and thrusts in the Yangtze foreland thrust belt are related to the Dabie Orogen: Insights from Mesozoic deformation south of the Yangtze River. *Geological Journal*, **2010**, 45, 650-663	1.7	38
27	A Numerical Simulating Study of Mechanical Characteristics of Superposed Deformation in Daba Mountain Foreland. *Earth Science Frontiers*, **2009**, 16, 190-196		18
26	High-pressure metamorphic rocks from Tongbaishan, central China: UPb and 40Ar/39Ar age constraints on the provenance of protoliths and timing of metamorphism. *Lithos*, **2008**, 105, 301-318	2.9	91
25	Moho-mapping in the Dabie ultrahigh-pressure collisional orogen, central China. *Numerische Mathematik*, **2008**, 308, 517-528	5.3	14
24	Collision leading to multiple-stage large-scale extrusion in the Qinling orogen: Insights from the Mianlue suture. *Gondwana Research*, **2007**, 12, 121-143	5.1	218

23	Mineral chemistry, geochemistry and U-Pb SHRIMP zircon data of the Yangxin monzonitic intrusive in the foreland of the Dabie orogen. *Science in China Series D: Earth Sciences*, **2006**, 49, 684-695		11
22	Dating of subduction and differential exhumation of UHP rocks from the Central Dabie Complex (E-China): Constraints from microfabrics, Rb–Sr and U–Pb isotope systems. *Lithos*, **2006**, 89, 174-201	2.9	49
21	The Sino-Korean–Yangtze suture, the Huwan detachment, and the Paleozoic–Tertiary exhumation of (ultra)high-pressure rocks along the Tongbai-Xinxian-Dabie Mountains **2006**,		42
20	Zircon U–Pb SHRIMP ages of weakly to unmetamorphosed granitoids of the Yangtze basement outcrop in Dabieshan, central China. *Journal of Asian Earth Sciences*, **2006**, 27, 779-787	2.8	7
19	Crustal structure of the southern Dabie ultrahigh-pressure orogen and Yangtze foreland from deep seismic reflection profiling. *Terra Nova*, **2004**, 16, 319-324	3	39
18	Thermobaric structure of a traverse across western Dabieshan: implications for collision tectonics between the Sino-Korean and Yangtze cratons. *Journal of Metamorphic Geology*, **2004**, 22, 361-379	4.4	70
17	SHRIMP U–Pb zircon dating of a metagabbro and eclogites from western Dabieshan (Hong'an Block), China, and its tectonic implications. *Tectonophysics*, **2004**, 394, 171-192	3.1	106
16	Neoproterozoic Granitoid Did Not Record Ultrahigh-Pressure Metamorphism from the Southern Dabieshan of China. *Journal of Geology*, **2003**, 111, 719-732	2	15
15	Cenozoic deformation history of the Tancheng–Lujiang Fault Zone, north China, and dynamic implications. *Island Arc*, **2003**, 12, 281-293	2	23
14	Cretaceous deformation history of the middle Tan-Lu fault zone in Shandong Province, eastern China. *Tectonophysics*, **2003**, 363, 243-258	3.1	184
13	Tectonics of the Qinling (Central China): tectonostratigraphy, geochronology, and deformation history. *Tectonophysics*, **2003**, 366, 1-53	3.1	654
12	Cretaceous–Cenozoic history of the southern Tan-Lu fault zone: apatite fission-track and structural constraints from the Dabie Shan (eastern China). *Tectonophysics*, **2002**, 359, 225-253	3.1	128
11	Crustal structure of the eastern Dabie Shan interpreted from deep reflection and shallow tomographic data. *Tectonophysics*, **2001**, 333, 347-359	3.1	32
10	Kinematics of exhumation of high- and ultrahigh-pressure rocks in the Hong'an and Tongbai Shan of the Qinling-Dabie collisional orogen, eastern China **2001**,		10
9	High-Si phengite, mineral chemistry and P–T evolution of ultra-high-pressure eclogites and calc-silicates from the Dabie Shan, eastern China. *Geological Journal*, **2000**, 35, 185-207	1.7	30
8	Exhumation of ultrahigh-pressure continental crust in east central China: Late Triassic-Early Jurassic tectonic unroofing. *Journal of Geophysical Research*, **2000**, 105, 13339-13364		500
7	Exhumation of the ultrahigh-pressure continental crust in east central China: Cretaceous and Cenozoic unroofing and the Tan-Lu fault. *Journal of Geophysical Research*, **2000**, 105, 13303-13338		285
6	Significance of allanite-(Ce) in granitic gneisses from the ultrahigh-pressure metamorphic terrane, Dabie Shan, central China. *Mineralogical Magazine*, **1999**, 63, 579-586	1.7	17

5	How did the foreland react? Yangtze foreland fold-and-thrust belt deformation related to exhumation of the Dabie Shan ultrahigh-pressure continental crust (eastern China). *Terra Nova*, **1999**, 11, 266-272	3	38
4	Thermochronologic constraints on deformation and cooling history of high- and ultrahigh-pressure rocks in the Qinling-Dabie orogen, eastern China. *Tectonics*, **1999**, 18, 621-638	4.3	150
3	Differential exhumation of tectonic units and ultrahigh-pressure metamorphic rocks in the Dabie Mountains, China. *Island Arc*, **1998**, 7, 174-183	2	14
2	Discovery of low grade metamorphic volcanic rock sheets within UHP in Dabie Mts. and its implications. *Science Bulletin*, **1997**, 42, 1199-1203		10
1	Subduction characteristics of the ordovician erlangping back-arc basin in the east qinling mountains, china: implications for the tectonic evolution of the northern margin of the proto-tethys ocean. *International Geology Review*,1-21	2.3	1