Shuwen Dong

List of Publications by Year
in descending order

116 papers	6,944 citations	61977 43 h-index	62593 80 g-index
125 all docs	125 docs citations	125 times ranked	2501 citing authors

#	Article	IF	Citations
1	Tectonics of the Qinling (Central China): tectonostratigraphy, geochronology, and deformation history. Tectonophysics, 2003, 366, 1-53.	2.2	768
2	Exhumation of ultrahigh-pressure continental crust in east central China: Late Triassic-Early Jurassic tectonic unroofing. Journal of Geophysical Research, 2000, 105, 13339-13364.	3.3	608
3	Cretaceous tectonic evolution of South China: A preliminary synthesis. Earth-Science Reviews, 2014, 134, 98-136.	9.1	458
4	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.	3.3	346
5	Collision leading to multiple-stage large-scale extrusion in the Qinling orogen: Insights from the Mianlue suture. Gondwana Research, 2007, 12, 121-143.	6.0	238
6	Cretaceous deformation history of the middle Tan-Lu fault zone in Shandong Province, eastern China. Tectonophysics, 2003, 363, 243-258.	2.2	216
7	Late Jurassicâ€“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.	2.3	180
8	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.	2.8	175
9	Cretaceousâ^'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.	2.2	145
10	SHRIMP Uâ€“Pb zircon dating of a metagabbro and eclogites from western Dabieshan (Hong'an Block), China, and its tectonic implications. Tectonophysics, 2004, 394, 171-192.	2.2	123
11	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.	4.4	121
12	An Andean-type retro-arc foreland system beneath northwest South China revealed by SINOPROBE profiling. Earth and Planetary Science Letters, 2018, 490, 170-179.	4.4	109
13	High-pressure metamorphic rocks from Tongbaishan, central China: Uâ€“Pb and 40Ar/39Ar age constraints on the provenance of protoliths and timing of metamorphism. Lithos, 2008, 105, 301-318.	1.4	105
14	The Yanshan orogeny and late Mesozoic multi-plate convergence in East Asiaâ€”Commemorating 90th years of the â€œYanshan Orogenyâ€• Science China Earth Sciences, 2018, 61, 1888-1909.	5.2	104
15	Intra-continental Dabashan orocline, southwestern Qinling, Central China. Journal of Asian Earth Sciences, 2012, 46, 20-38.	2.3	102
16	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.	3.4	101
17	A possible buried Paleoproterozoic collisional orogen beneath central South China: Evidence from seismic-reflection profiling. Precambrian Research, 2015, 264, 1-10.	2.7	100
18	Seismic Evidence for a Geosuture between the Yangtze and Cathaysia Blocks, South China. Scientific Reports, 2013, 3, 2200.	3.3	97

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19	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.	2.8	90
20	Neotectonics around the Ordos Block, North China: A review and new insights. Earth-Science Reviews, 2020, 200, 102969.	9.1	85
21	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.	2.2	84
22	Tectonic development of the northeastern Tibetan Plateau as constrained by high-resolution deep seismic-reflection data. Lithosphere, 2013, 5, 555-574.	1.4	81
23	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.	3.4	79
24	Early crustal evolution of the Yangtze Craton, South China: New constraints from zircon U-Pb-Hf isotopes and geochemistry of ca. 2.9â€“2.6â€¯Ga granitic rocks in the Zhongxiang Complex. Precambrian Research, 2018, 314, 325-352.	2.7	79
25	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.	9.1	78
26	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.	2.3	74
27	3D thermal structure of the continental lithosphere beneath China and adjacent regions. Journal of Asian Earth Sciences, 2013, 62, 697-704.	2.3	67
28	The Sino-Koreanâ€“Yangtze suture, the Huwan detachment, and the Paleozoicâ€“Tertiary exhumation of (ultra)high-pressure rocks along the Tongbai-Xinxian-Dabie Mountains. , 2006, , .		62
29	Progress in deep lithospheric exploration of the continental China: A review of the SinoProbe. Tectonophysics, 2013, 606, 1-13.	2.2	62
30	Zircon Uâ€“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.	2.3	61
31	Mantle influx compensates crustal thinning beneath the Cathaysia Block, South China: Evidence from SINOPROBE reflection profiling. Earth and Planetary Science Letters, 2020, 544, 116360.	4.4	60
32	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.	2.8	59
33	Crustal structure beneath the middleâ€“lower Yangtze metallogenic belt in East China: Constraints from passive source seismic experiment on the Mesozoic intra-continental mineralization. Tectonophysics, 2013, 606, 48-59.	2.2	58
34	Reflection seismic imaging of the Lujiangâ€“Zongyang volcanic basin, Yangtze Metallogenic Belt: An insight into the crustal structure and geodynamics of an ore district. Tectonophysics, 2013, 606, 60-77.	2.2	57
35	Neoproterozoic post-collisional extension of the central Jiangnan Orogen: Geochemical, geochronological, and Lu-Hf isotopic constraints from the ca. 820â€“800 Ma magmatic rocks. Precambrian Research, 2017, 294, 91-110.	2.7	57
36	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.	2.2	56

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37	Dating of subduction and differential exhumation of UHP rocks from the Central Dabie Complex (E-China): Constraints from microfabrics, Rbâ€“Sr and Uâ€“Pb isotope systems. Lithos, 2006, 89, 174-201.	1.4	54
38	Tectonic evolution of Cretaceous extensional basins in Zhejiang Province, eastern South China: structural and geochronological constraints. International Geology Review, 2014, 56, 1602-1629.	2.1	52
39	Crustal structure of the southern Dabie ultrahigh-pressure orogen and Yangtze foreland from deep seismic reflection profiling. Terra Nova, 2004, 16, 319-324.	2.1	51
40	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.	2.3	51
41	Permo-Triassic structural evolution of the Shiwandashan and Youjiang structural belts, South China. Journal of Structural Geology, 2017, 100, 24-44.	2.3	50
42	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.	2.2	48
43	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.	1.3	47
44	Changes of Late Mesozoic Tectonic Regimes around the Ordos Basin (North China) and their Geodynamic Implications. Acta Geologica Sinica, 2011, 85, 1254-1276.	1.4	47
45	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.	2.1	41
46	Timing of the initiation of the Jurassic Yanshan movement on the North China Craton: evidence from sedimentary cycles, heavy minerals, geochemistry, and zircon Uâ€“Pb geochronology. International Geology Review, 2014, 56, 288-312.	2.1	41
47	Crustal structure of the eastern Dabie Shan interpreted from deep reflection and shallow tomographic data. Tectonophysics, 2001, 333, 347-359.	2.2	39
48	Uâ€“Pb and 40Ar/39Ar geochronology of the Tongbai complex, central China: Implications for Cretaceous exhumation and lateral extrusion of the Tongbaiâ€“Dabie HP/UHP terrane. Journal of Asian Earth Sciences, 2012, 47, 155-170.	2.3	35
49	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.	1.3	34
50	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.	2.3	34
51	Detrital zircon geochronology of pre-Cretaceous strata: tectonic implications for the Jiangnan Orogen, South China. Geological Magazine, 2014, 151, 975-995.	1.5	30
52	Seismogenic Structure of the April 20, 2013, Lushan Ms7 Earthquake in Sichuan. Acta Geologica Sinica, 2013, 87, 633-645.	1.4	29
53	Seismic evidence for plume-induced rifting in the Songliao Basin of Northeast China. Tectonophysics, 2014, 627, 171-181.	2.2	29
54	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.	6.0	29

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55	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.	1.4	28
56	Late Mesozoic high-K calc-alkaline magmatism in Southeast China: the Tongling example. International Geology Review, 2018, 60, 1326-1360.	2.1	27
57	Cenozoic deformation history of the Tancheng-Lujiang Fault Zone, north China, and dynamic implications. Island Arc, 2003, 12, 281-293.	1.1	26
58	The Jurassic structural evolution of the western Daqingshan area, eastern Yinshan belt, North China. International Geology Review, 2017, 59, 1885-1907.	2.1	25
59	Meso-Cenozoic tectonic evolution of the Dangyang Basin, north-central Yangtze craton, central China. International Geology Review, 2013, 55, 382-396.	2.1	23
60	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.	2.2	23
61	Phase transitions of harzburgite and buckled slab under eastern China. Geochemistry, Geophysics, Geosystems, 2013, 14, 1182-1199.	2.5	22
62	Crustal structure and continental dynamics of Central China: A receiver function study and implications for ultrahigh-pressure metamorphism. Tectonophysics, 2014, 610, 172-181.	2.2	22
63	Significance of allanite-(Ce) in granitic gneisses from the ultrahigh-pressure metamorphic terrane, Dabie Shan, central China. Mineralogical Magazine, 1999, 63, 579-586.	1.4	21
64	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.	2.3	21
65	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,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.4	21
66	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.	2.1	21
67	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.	2.3	21
68	Construction of the Continental Asia in Phanerozoic: A Review. Acta Geologica Sinica, 2022, 96, 26-51.	1.4	21
69	Late Cenozoic sedimentation of Nihewan Basin, central North China and its tectonic significance. Journal of Asian Earth Sciences, 2015, 114, 242-257.	2.3	20
70	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.	2.3	20
71	Tectonic history of the Ordos Block and Qinling Orogen inferred from crustal thickness. Geophysical Journal International, 2017, 210, 303-320.	2.4	20
72	Early Devonian (415â€“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.	3.3	20

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73	Moho-mapping in the Dabie ultrahigh-pressure collisional orogen, central China. Numerische Mathematik, 2008, 308, 517-528.	1.4	19
74	Destruction of the North China Craton: a perspective based on receiver function analysis. Geological Journal, 2015, 50, 93-103.	1.3	19
75	Differential exhumation of tectonic units and ultrahigh-pressure metamorphic rocks in the Dabie Mountains, China. Island Arc, 1998, 7, 174-183.	1.1	18
76	Neoproterozoic Granitoid Did Not Record Ultrahighâ€Pressure Metamorphism from the Southern Dabieshan of China. Journal of Geology, 2003, 111, 719-732.	1.4	18
77	A Numerical Simulating Study of Mechanical Characteristics of Superposed Deformation in Daba Mountain Foreland. Earth Science Frontiers, 2009, 16, 190-196.	0.6	18
78	Continental dynamics of Eastern China: Insights from tectonic history and receiver function analysis. Earth-Science Reviews, 2015, 145, 9-24.	9.1	18
79	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.	2.7	17
80	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.	2.7	17
81	The deformation and tectonic evolution of the Huahui Basin, northeast China, during the Cretaceousâ€“Early Cenozoic. Journal of Asian Earth Sciences, 2015, 114, 717-731.	2.3	16
82	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, 835, 229377.	2.2	16
83	Orogeny processes of the western Jiangnan Orogen, South Chinaï¼šInsights from Neoproterozoic igneous rocks and a deep seismic profile. Journal of Geodynamics, 2017, 103, 42-56.	1.6	15
84	Discovery of low grade metamorphic volcanic rock sheets within UHP in Dabie Mts. and its implications. Science Bulletin, 1997, 42, 1199-1203.	1.7	14
85	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.	2.3	14
86	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, , .		14
87	A multidisciplinary Earth science research program in China. Eos, 2011, 92, 313-314.	0.1	13
88	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.	2.3	13
89	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.	2.1	13
90	Magnetostratigraphic ages of the Cenozoic Weihe and Shanxi Grabens in North China and their tectonic implications. Tectonophysics, 2021, 813, 228914.	2.2	13

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91	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.	0.9	11
92	Nature and Evolution of Preâ€Neoproterozoic Continental Crust in South China: A Review and Tectonic Implications. Acta Geologica Sinica, 2020, 94, 1731-1756.	1.4	11
93	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.	6.0	10
94	Coupled Lithospheric Deformation in the Qinling Orogen, Central China: Insights From Seismic Reflection and Surfaceâ€Wave Tomography. Geophysical Research Letters, 2022, 49, .	4.0	10
95	Anisotropic upper crust above the aftershock zone of the 2013 M s 7.0 L ushan earthquake from the shear wave splitting analysis. Geochemistry, Geophysics, Geosystems, 2015, 16, 3679-3696.	2.5	9
96	Threeâ€Dimensional Thermal Structure of East Asian Continental Lithosphere. Journal of Geophysical Research: Solid Earth, 2022, 127, .	3.4	9
97	Zircon Uâ€“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.	2.3	8
98	Formation of the Moping Dome in the Xuefengshan Orocline, Central China and its Tectonic Significance. Acta Geologica Sinica, 2013, 87, 720-729.	1.4	8
99	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.	2.3	8
100	Lithospheric delamination and upwelling asthenosphere in the Longmenshan area: insight from teleseismic P-wave tomography. Scientific Reports, 2019, 9, 6967.	3.3	8
101	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.	2.2	8
102	Polyphase deformation in the Badu complex: Insights into Triassic intraplate orogeny in South China. Journal of Structural Geology, 2022, 154, 104475.	2.3	8
103	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.	1.4	6
104	Seismic Technique for Studying Sedimentary Layer: Bohai Basin as an Example. Acta Geologica Sinica, 2012, 86, 1105-1115.	1.4	5
105	Active tectonics in Taiwan: insights from a 3-D viscous finite element model. Earthquake Science, 2015, 28, 353-363.	0.9	5
106	Crustal thickening and uplift of the Tibetan Plateau inferred from receiver function analysis. Journal of Asian Earth Sciences, 2015, 99, 112-124.	2.3	5
107	Formation process of mid-Neoproterozoic mafic rocks from the western Jiangnan Orogen, South China: insights from SHRIMP Uâ€“Pb dating and geochemical analysis. International Geology Review, 2018, 60, 365-381.	2.1	5
108	Formation of Natural Bitumen and its Implication for Oil/gas Prospect in Dabashan Foreland. Acta Geologica Sinica, 2012, 86, 462-472.	1.4	4

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109	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.	1.4	4
110	Geochronology, geochemistry, and tectonic implications of Jishou Cretaceous diabase, western Xuefengshan tectonic zone in South China. Geological Journal, 2018, 53, 1186-1199.	1.3	4
111	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.	3.2	2
112	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.	5.2	2
113	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.	0.3	1
114	Mechanism on Moho offset induced by aseismic slip of deeply buried faults. Earthquake Science, 2014, 27, 247-256.	0.9	1
115	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, 0, , 1-21.	2.1	1
116	Jurassic contractional deformation in the centralâ€“western North China craton in response to multi-plate convergence in the East Asia. Geosystems and Geoenvironment, 2022, , 100099.	3.2	1