Weiwei Ding

List of Publications by Year
in descending order

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49	1,629	471509	302126
papers	citations	17 h-index	39 g-index

49	49	49	919
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Oceanic crustal structure and tectonic origin of the southern Kyushu-Palau Ridge in the Philippine Sea. Acta Oceanologica Sinica, 2022, 41, 39.	1.0	1
2	Crustal structure and variation along the southern part of the Kyushu-Palau Ridge. Acta Oceanologica Sinica, 2022, 41, 50-57.	1.0	1
3	Detachment-controlled subsidence pattern at hyper-extended passive margin: Insights from backstripping modelling of the Baiyun Rift, northern South China Sea. Gondwana Research, 2022, , .	6.0	6
4	Submarine wide-angle seismic experiments in the High Arctic â€“ The JASMInE Expedition in the slowest spreading Gakkel Ridge. Geosystems and Geoenvironment, 2022, , 100076.	3.2	2
5	Variability of sulfur isotopes and trace metals in pyrites from the upper oceanic crust of the South China Sea basin, implications for sulfur and trace metal cycling in subsurface. Chemical Geology, 2022, 606, 120982.	3.3	5
6	Delimiting the eastern extent of the Altyn Tagh Fault: Insights from structural analyses of seismic reflection profiles. Terra Nova, 2021, 33, 1-11.	2.1	9
7	Extension Discrepancy of the Hyperâ€Thinned Continental Crust in the Baiyun Rift, Northern Margin of the South China Sea. Tectonics, 2021, 40, e2020TC006547.	2.8	14
8	Effects of multi-seamount subduction on accretionary wedge deformation: Insights from analogue modelling. Journal of Geodynamics, 2021, 145, 101842.	1.6	4
9	Dynamic processes of the curved subduction system in Southeast Asia: A review and future perspective. Earth-Science Reviews, 2021, 217, 103647.	9.1	39
10	Compressionâ€Induced Anomalous Subsidence in the Extensional Sedimentary Basin: A Numerical Study From the Pearl River Mouth Basin, Northern South China Sea Margin. Geophysical Research Letters, 2021, 48, e2021GL094750.	4.0	2
11	Evidence for rapid large-amplitude vertical motions in the Valencia Trough (Western Mediterranean) generated by 3D subduction slab roll-back. Earth and Planetary Science Letters, 2021, 575, 117179.	4.4	2
12	Mesozoic suture zone in the East China Sea: Evidence from wide-angle seismic profiles. Tectonophysics, 2021, 820, 229116.	2.2	7
13	Asymmetry in oceanic crustal structure of the South China Sea basin and its implications on mantle geodynamics. International Geology Review, 2020, 62, 840-858.	2.1	15
14	Asymmetric post-spreading magmatism in the South China Sea: based on the quantification of the volume and its spatiotemporal distribution of the seamounts. International Geology Review, 2020, 62, 955-969.	2.1	14
15	Sedimentary budget of the Northwest Sub-basin, South China Sea: controlling factors and geological implications. International Geology Review, 2020, 62, 970-987.	2.1	7
16	Neogene subsidence pattern in the multi-episodic extension systems: Insights from backstripping modelling of the Okinawa Trough. Marine and Petroleum Geology, 2020, 111, 662-675.	3.3	14
17	Lateral evolution of the rift-to-drift transition in the South China Sea: Evidence from multi-channel seismic data and IODP Expeditions 367&368 drilling results. Earth and Planetary Science Letters, 2020, 531, 115932.	4.4	72
18	An immediate response to the Indian-Eurasian collision along the northeastern Tibetan Plateau: Evidence from apatite fission track analysis in the Kuantan Shan-Hei Shan. Tectonophysics, 2020, 774, 228278.	2.2	53

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19	Seismic Structure of a Postspreading Seamount Emplaced on the Fossil Spreading Center in the Southwest Subbasin of the South China Sea. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB019827.	3.4	11
20	Seismic evidence for the crustal deformation and kinematic evolution of the Nansha Block, South China Sea. Journal of Asian Earth Sciences, 2020, 203, 104536.	2.3	10
21	Crustal structure and variation in the southwest continental margin of the South China Sea: Evidence from a wide-angle seismic profile. Journal of Asian Earth Sciences, 2020, 203, 104557.	2.3	12
22	Slab Dehydration and Mantle Upwelling in the Vicinity of the Sumatra Subduction Zone: Evidence from Receiver Function Imaging of Mantle Transition Zone Discontinuities. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB019381.	3.4	13
23	Marginal basins of the NW Pacific and Eastern Eurasia. International Geology Review, 2020, 62, 781-788.	2.1	4
24	Effects of trenchâ€perpendicular ridge subduction on accretionary wedge deformation: Clues from analogue modelling. Geological Journal, 2019, 54, 2665-2678.	1.3	4
25	The Latest Spreading Periods of the South China Sea: New Constraints From Macrostructure Analysis of IODP Expedition 349 Cores and Geophysical Data. Journal of Geophysical Research: Solid Earth, 2019, 124, 9980-9998.	3.4	21
26	The influence of oceanographic processes on contourite features: A multidisciplinary study of the northern South China Sea. Marine Geology, 2019, 415, 105967.	2.1	35
27	Geodynamic effects of subducted seamount at the Manila Trench: Insights from numerical modeling. Tectonophysics, 2019, 764, 46-61.	2.2	14
28	The effect of overburden thickness on deformation mechanisms in the Keping fold-thrust belt, southwestern Chinese Tian Shan Mountains: Insights from analogue modeling. Tectonophysics, 2019, 753, 79-92.	2.2	15
29	Structures within the oceanic crust of the central South China Sea basin and their implications for oceanic accretionary processes. Earth and Planetary Science Letters, 2018, 488, 115-125.	4.4	97
30	Sedimentary budget of the Southwest Subâ€basin, South China Sea: Controlling factors and geological implications. Geological Journal, 2018, 53, 3082-3092.	1.3	9
31	Arcuate Pamir in the Paleogene? Insights from a review of stratigraphy and sedimentology of the basin fills in the foreland of NE Chinese Pamir, western Tarim Basin. Earth-Science Reviews, 2018, 180, 1-16.	9.1	38
32	Late Mesozoic transition from Andeanâ€type to Western Pacificâ€type of the East China continental marginâ€"Is the East China Sea basement an allochthonous terrain?. Geological Journal, 2018, 53, 1994-2002.	1.3	17
33	Receiver Function Investigations of Seismic Anisotropy Layering Beneath Southern California. Journal of Geophysical Research: Solid Earth, 2018, 123, 10,672.	3.4	2
34	Reorganization of sediment dispersal in the Jiuxi Basin at ~17â€¯Ma and its implications for uplift of the NE Tibetan Plateau. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 511, 558-576.	2.3	33
35	Chemical compositions and precipitation timing of basement calcium carbonate veins from the South China Sea. Marine Geology, 2017, 392, 170-178.	2.1	3
36	Preface: Magmatic and Tectonic Process, Seabed Resource from the mid-ocean ridge to continental margin. Marine Geophysical Researches, 2017, 38, 1-2.	1.2	5

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37	Cenozoic tectonic subsidence in the southern continental margin, South China Sea. Frontiers of Earth Science, 2017, 11, 427-441.	2.1	13
38	Chemical compositions and precipitation timing of basement calcium carbonate veins from the South China Sea. Marine Geology, 2017, 394, 116-124.	2.1	3
39	The velocity structure of a fossil spreading centre in the Southwest Subâ€basin, South China Sea. Geological Journal, 2016, 51, 548-561.	1.3	18
40	Propagated rifting in the Southwest Sub-basin, South China Sea: Insights from analogue modelling. Journal of Geodynamics, 2016, 100, 71-86.	1.6	49
41	Conjugate margin pattern of the Southwest Subâ€basin, South China Sea: insights from deformation structures in the continentâ€ocean transition zone. Geological Journal, 2016, 51, 524-534.	1.3	17
42	The effect of foreland palaeo-uplift on deformation mechanism in the Wupoer fold-and-thrust belt, NE Pamir: Constraints from analogue modelling. Journal of Geodynamics, 2016, 100, 115-129.	1.6	26
43	Spreading dynamics and sedimentary process of the Southwest Sub-basin, South China Sea: Constraints from multi-channel seismic data and IODP Expedition 349. Journal of Asian Earth Sciences, 2016, 115, 97-113.	2.3	76
44	Seismic stratigraphy of the central South China Sea basin and implications for neotectonics. Journal of Geophysical Research: Solid Earth, 2015, 120, 1377-1399.	3.4	155
45	Oligoceneâ€“Miocene carbonates in the Reed Bank area, South China Sea, and their tectono-sedimentary evolution. Marine Geophysical Researches, 2015, 36, 149-165.	1.2	42
46	Ages and magnetic structures of the South China Sea constrained by deep tow magnetic surveys and IODP Expedition 349. Geochemistry, Geophysics, Geosystems, 2014, 15, 4958-4983.	2.5	419
47	Seismic stratigraphy and tectonic structure from a composite multi-channel seismic profile across the entire Dangerous Grounds, South China Sea. Tectonophysics, 2013, 582, 162-176.	2.2	103
48	The propagation of seafloor spreading in the southwestern subbasin, South China Sea. Science Bulletin, 2012, 57, 3182-3191.	1.7	44
49	Crustal structure of the northwestern sub-basin, South China Sea: Results from a wide-angle seismic experiment. Science China Earth Sciences, 2012, 55, 159-172.	5.2	54