# Shaofeng Liu

List of Publications by Year
in descending order



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|---|---|---|---|
| 67 papers | 3,325 citations | 201674 27 h-index | 149698 56 g-index |
| 70 all docs | 70 docs citations | 70 times ranked | 2152 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Tectonics of South China continent and its implications. Science China Earth Sciences, 2013, 56, 1804-1828. | 5.2 | 423 |
| 2 | A Global Plate Model Including Lithospheric Deformation Along Major Rifts and Orogens Since the Triassic. Tectonics, 2019, 38, 1884-1907. | 2.8 | 316 |
| 3 | Mesozoic sedimentary basin development and tectonic implication, northern Yangtze Block, eastern China: record of continentâ€“continent collision. Journal of Asian Earth Sciences, 2005, 25, 9-27. | 2.3 | 189 |
| 4 | Reconstruction of northeast Asian deformation integrated with western Pacific plate subduction since 200 Ma. Earth-Science Reviews, 2017, 175, 114-142. | 9.1 | 171 |
| 5 | Early Mesozoic basin development in North China: Indications of cratonic deformation. Journal of Asian Earth Sciences, 2013, 62, 221-236. | 2.3 | 155 |
| 6 | Mianlï¿½e tectonic zone and Mianlï¿½e suture zone on southern margin of Qinling-Dabie orogenic belt. Science in China Series D: Earth Sciences, 2004, 47, 300. | 0.9 | 143 |
| 7 | The coupling mechanism of basin and orogen in the western Ordos Basin and adjacent regions of China. Journal of Asian Earth Sciences, 1998, 16, 369-383. | 2.3 | 141 |
| 8 | Upper Triassic - Jurassic sequence stratigraphy and its structural controls in the western Ordos Basin, China. Basin Research, 2000, 12, 1-18. | 2.7 | 125 |
| 9 | Late Cretaceous subsidence in Wyoming: Quantifying the dynamic component. Geology, 2004, 32, 397. | 4.4 | 116 |
| 10 | Post-cratonization deformation processes and tectonic evolution of the North China Craton. Earth-Science Reviews, 2018, 177, 320-365. | 9.1 | 94 |
| 11 | Migration of dynamic subsidence across the Late Cretaceous United States Western Interior Basin in response to Farallon plate subduction. Geology, 2011, 39, 555-558. | 4.4 | 92 |
| 12 | Oblique closure of the northeastern Paleo-Tethys in central China. Tectonics, 2015, 34, 413-434. | 2.8 | 92 |
| 13 | Mesozoic basin development and tectonic evolution of the Dabieshan orogenic belt, central China. Tectonics, 2003, 22, n/a-n/a. | 2.8 | 76 |
| 14 | Early Mesozoic Basin Development and Its Response to Thrusting in the Yanshan Fold-and-Thrust Belt, China. International Geology Review, 2007, 49, 1025-1049. | 2.1 | 71 |
| 15 | Dynamic versus flexural controls of Late Cretaceous Western Interior Basin, USA. Earth and Planetary Science Letters, 2014, 389, 221-229. | 4.4 | 70 |
| 16 | Linkage of Sevier thrusting episodes and Late Cretaceous foreland basin megasequences across southern Wyoming (USA). Basin Research, 2005, 17, 487-506. | 2.7 | 66 |
| 17 | Constraints on the depth, geometry and kinematics of blind detachment faults provided by fault-propagation folds: An example from the Mesozoic fold belt of South China. Journal of Structural Geology, 2009, 31, 150-162. | 2.3 | 62 |
| 18 | Late Mesozoic development of the southern Qinlingâ€“Dabieshan foreland fold-thrust belt, Central China, and its role in continentâ€“continent collision. Tectonophysics, 2015, 644-645, 220-234. | 2.2 | 60 |

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| 19 | Pleistocene drainage reorganization driven by the isostatic response to deep incision into the northeastern Tibetan Plateau. Geology, 2014, 42, 303-306. | 4.4 | 49 |
| 20 | Timing of <scp>X</scp>unhua and <scp>G</scp>uide basin development and growth of the northeastern <scp>T</scp>ibetan <scp>P</scp>lateau, <scp>C</scp>hina. Basin Research, 2013, 25, 74-96. | 2.7 | 45 |
| 21 | Slab Horizontal Subduction and Slab Tearing Beneath East Asia. Geophysical Research Letters, 2019, 46, 5161-5169. | 4.0 | 42 |
| 22 | Mesozoic basin evolution and tectonic mechanism in Yanshan, China. Science in China Series D: Earth Sciences, 2004, 47, 24. | 0.9 | 39 |
| 23 | Syn-tectonic sedimentation and its linkage to fold-thrusting in the region of Zhangjiakou, North Hebei, China. Science China Earth Sciences, 2018, 61, 681-710. | 5.2 | 37 |
| 24 | The Pengguan tectonic dome of Longmen Mountains, Sichuan Province: Mesozoic denudation of a Neoproterozoic magmatic arc-basin system. Science in China Series D: Earth Sciences, 2008, 51, 1545-1559. | 0.9 | 36 |
| 25 | Reconstruction of the Cenozoic deformation of the Bohai Bay Basin, North China. Basin Research, 2021, 33, 364-381. | 2.7 | 36 |
| 26 | Earlyâ€“Middle Jurassic evolution of the northern Yangtze foreland basin: a record of uplift following Triassic continentâ€“continent collision to form the Qinlingâ€“Dabieshan orogenic belt. International Geology Review, 2015, 57, 327-341. | 2.1 | 31 |
| 27 | Tracing exhumation of the Dabie Shan ultrahigh-pressure metamorphic complex using the sedimentary record in the Hefei Basin, China. Bulletin of the Geological Society of America, 2010, 122, 198-218. | 3.3 | 29 |
| 28 | Typical basin-fill sequences and basin migration in Yanshan, North China. Science in China Series D: Earth Sciences, 2004, 47, 181. | 0.9 | 27 |
| 29 | Mesozoic basin development and its indication of collisional orogeny in the Dabie orogen. Science Bulletin, 2013, 58, 827-852. | 1.7 | 27 |
| 30 | Cretaceous anomalous subsidence and its response to dynamic topography in the Songliao Basin, Northeast China. Journal of Asian Earth Sciences, 2015, 109, 86-99. | 2.3 | 26 |
| 31 | A detrital record of continent-continent collision in the Early-Middle Jurassic foreland sequence in the northern Yangtze foreland basin, South China. Journal of Asian Earth Sciences, 2016, 131, 123-137. | 2.3 | 26 |
| 32 | Mechanism of crustal deformation in the Sichuan-Yunnan region, southeastern Tibetan Plateau: Insights from numerical modeling. Journal of Asian Earth Sciences, 2017, 146, 142-151. | 2.3 | 24 |
| 33 | Sedimentation of Jurassic fan-delta wedges in the Xiahuayuan basin reflecting thrust-fault movements of the western Yanshan fold-and-thrust belt, China. Sedimentary Geology, 2018, 368, 24-43. | 2.1 | 24 |
| 34 | Source-to-sink system reconstruction in the northern Jiaolai Basin, eastern China, by multiproxy provenance methods and implications for exhumation of the Sulu orogen. Tectonophysics, 2019, 754, 18-32. | 2.2 | 24 |
| 35 | Contrasted East Asia and South America tectonics driven by deep mantle flow. Earth and Planetary Science Letters, 2019, 517, 106-116. | 4.4 | 22 |
| 36 | Cenozoic basin development and its indication of plateau growth in the Xunhua-Guide district. Science in China Series D: Earth Sciences, 2007, 50, 277-291. | 0.9 | 21 |

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| 37 | Duplex thrusting in the South Dabashan arcuate belt, central China. Journal of Structural Geology, 2017, 103, 120-136. | 2.3 | 21 |
| 38 | Late Jurassicâ€Early Cretaceous Deformation in the Western Yanshan Foldâ€Thrust Belt: Insights From Syntectonic Sedimentation in the Chicheng Basin, North China. Tectonics, 2019, 38, 2449-2476. | 2.8 | 21 |
| 39 | Geomorphic characteristics of the Minjiang drainage basin (eastern Tibetan Plateau) and its tectonic implications: New insights from a digital elevation model study. Island Arc, 2006, 15, 239-250. | 1.1 | 20 |
| 40 | Geomorphic constraints on Middle Yangtze River reversal in eastern Sichuan Basin, China. Journal of Asian Earth Sciences, 2013, 69, 70-85. | 2.3 | 20 |
| 41 | The Horizontal Slab Beneath East Asia and Its Subdued Surface Dynamic Response. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB021156. | 3.4 | 20 |
| 42 | Reconstruction of the stress regime in the Jiaolai Basin, East Asian margin, as decoded from fault-slip analysis. Journal of Structural Geology, 2020, 141, 104190. | 2.3 | 19 |
| 43 | Late Cretaceous drainage reorganization of the Middle Yangtze River. Lithosphere, 2018, 10, 392-405. | 1.4 | 15 |
| 44 | Coseismic Coulomb stress changes caused by the Mw6.9 Yutian earthquake in 2014 and its correlation to the 2008 Mw7.2 Yutian earthquake. Journal of Asian Earth Sciences, 2015, 105, 468-475. | 2.3 | 14 |
| 45 | Growth structures and growth strata of the Qianjiadian Basin in the western Yanshan fold and thrust belt, North China. Science China Earth Sciences, 2019, 62, 1092-1109. | 5.2 | 14 |
| 46 | Isotope chronological trace of granite gravel in Hefei Basin. Science Bulletin, 2001, 46, 1716-1721. | 1.7 | 11 |
| 47 | Ordos Basin Gas Reservoir Outcrop Analogs: Permian Braided Fluvial Sandstone of the Zhuozi Shan and Helan Shan, China. International Geology Review, 2006, 48, 573-584. | 2.1 | 11 |
| 48 | The Late Triassic Sequence-Stratigraphic Framework of the Upper Yangtze Region, South China. Acta Geologica Sinica, 2017, 91, 51-75. | 1.4 | 11 |
| 49 | Analysis of structural deformation in the North Dabashan thrust belt, South Qinling, central China. International Geology Review, 2014, 56, 1276-1294. | 2.1 | 10 |
| 50 | Neogene residual subsidence and its response to a sinking slab in the deep mantle of eastern China. Journal of Asian Earth Sciences, 2017, 143, 269-282. | 2.3 | 10 |
| 51 | Cretaceous Propagation of the Eastern Sichuan Arcuate Foldâ€Thrust Belt in Three Dimensions: Insights from AFT Analysis. Chinese Journal of Geophysics, 2012, 55, 320-332. | 0.2 | 9 |
| 52 | Hyperspectral Alteration Information from Drill Cores and Deep Uranium Exploration in the Baiyanghe Uranium Deposit in the Xuemisitan Area, Xinjiang, China. Remote Sensing, 2017, 9, 451. | 4.0 | 9 |
| 53 | Provenance of the East Guangdong Basin and Yongâ€™an Basin in southeast China: Response to the Mesozoic tectonic regime transformation. Journal of Asian Earth Sciences, 2019, 185, 104024. | 2.3 | 9 |
| 54 | Provenance of the Late Cretaceous sediments in Jiaolai Basin, Eastern China, and its tectonic implications. International Geology Review, 2021, 63, 973-991. | 2.1 | 8 |

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| 55 | Application of CASI/SASI and fieldspec4 hyperspectral data in exploration of the Baiyanghe uranium deposit, Hebukesaier, Xinjiang, NW China. International Journal of Remote Sensing, 2018, 39, 453-469. | 2.9 | 6 |
| 56 | Yanshanian Orogeny During North China's Drifting Away From the Trench: Implications of Numerical Models. Tectonics, 2020, 39, e2020TC006350. | 2.8 | 6 |
| 57 | Thrust duplexing and transpression in the Yanshan Mountains: Implications for early Mesozoic orogenesis and decratonization of the North China Craton. Basin Research, 2021, 33, 2303-2327. | 2.7 | 6 |
| 58 | Evolution of Qinling Mianlue Belt: Evidence from Sedimentology and Tectonics of the Northern Yangtze, China. Gondwana Research, 2001, 4, 690-691. | 6.0 | 5 |
| 59 | Tectonic and climatic controls on the Late Jurassicâ€“Early Cretaceous stratigraphic architecture of the Xuanhua basin, North China. Basin Research, 2022, 34, 190-219. | 2.7 | 5 |
| 60 | Geotectonic evolution of lunar LQ-4 region based on multisource data. Geoscience Frontiers, 2014, 5, 227-235. | 8.4 | 4 |
| 61 | Stratigraphic records of the dynamic uplift of the Emeishan large igneous province. International Geology Review, 2016, 58, 112-130. | 2.1 | 4 |
| 62 | Timing of deposition in the Dengzhangzi and Guojiadian Basins of the Yanshan fold-thrust belt, North China. International Geology Review, 2020, 62, 2344-2365. | 2.1 | 3 |
| 63 | Jurassic to Early cretaceous sedimentary record: indications of Paleo-Pacific Plate subduction in Southeast China. International Geology Review, 2022, 64, 2233-2261. | 2.1 | 2 |
| 64 | Three-dimensional modeling of alteration information with hyperspectral core imaging and application to uranium exploration in the Heyuanbei uranium deposit, Xiangshan, Jiangxi, China. Journal of Applied Remote Sensing, 2019, 13, 1. | 1.3 | 2 |
| 65 | Validation of DEMs for two-pass SAR differential interferometry — A case study in Wangfeng coal mine, Jiaozuo city. , 2011, , . | | 0 |
| 66 | A new model for optimizing relief window size. , 2013, , . | | 0 |
| 67 | é¾™é—¨å±±æ™šæ–°ç”Ÿä»£åœ°è¡¨å‰ªèš€é‡çš„å®šé‡ç®—. Diqiu Kexue - Zhongguo Dizhi Daxue Xuebao/Earth Science - Journal of China University of Geosciences, 2015, 40, 0953. | 0.5 | 0 |