

JÃ¼rgen Adam

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

942
citations

840776

11
h-index

996975

15
g-index

27
all docs

27
docs citations

27
times ranked

791
citing authors

#	ARTICLE	IF	CITATIONS
1	The impact of analogue material properties on the geometry, kinematics, and dynamics of convergent sand wedges. <i>Journal of Structural Geology</i> , 2003, 25, 1691-1711.	2.3	293
2	Shear localisation and strain distribution during tectonic faulting—new insights from granular-flow experiments and high-resolution optical image correlation techniques. <i>Journal of Structural Geology</i> , 2005, 27, 283-301.	2.3	277
3	Crustal dynamics and active fault mechanics during subduction erosion. Application of frictional wedge analysis on to the North Chilean Forearc. <i>Tectonophysics</i> , 2000, 321, 297-325.	2.2	71
4	Quantitative 3D strain analysis in analogue experiments simulating tectonic deformation: Integration of X-ray computed tomography and digital volume correlation techniques. <i>Journal of Structural Geology</i> , 2013, 55, 127-149.	2.3	68
5	Active fault kinematics and crustal stresses along the Ionian margin of southeastern Sicily. <i>Tectonophysics</i> , 2000, 326, 217-239.	2.2	55
6	Initiation of a thrust fault revealed by analog experiments. <i>Tectonophysics</i> , 2016, 684, 148-156.	2.2	39
7	Effects of sedimentation on rift segment evolution and rift interaction in orthogonal and oblique extensional settings: Insights from analogue models analysed with 4D X-ray computed tomography and digital volume correlation techniques. <i>Global and Planetary Change</i> , 2018, 171, 110-133.	3.5	38
8	New plate kinematic model and tectonostratigraphic history of the East African and West Madagascan Margins. <i>Basin Research</i> , 2018, 30, 1118-1140.	2.7	25
9	Mechanics of fault and expulsion rollover systems developed on passive margins detached on salt: insights from analogue modelling and optical strain monitoring. <i>Geological Society Special Publication</i> , 2007, 292, 103-121.	1.3	19
10	Salt-structural styles and kinematic evolution of the Jequitinhonha deepwater fold belt, central Brazil passive margin. <i>Marine and Petroleum Geology</i> , 2012, 37, 101-120.	3.3	17
11	Basin-scale salt tectonic processes of the Laurentian Basin, Eastern Canada: insights from integrated regional 2D seismic interpretation and 4D physical experiments. <i>Geological Society Special Publication</i> , 2012, 363, 331-360.	1.3	14
12	Uncertainties in break-up markers along the Iberia–Newfoundland margins illustrated by new seismic data. <i>Solid Earth</i> , 2020, 11, 397-417.	2.8	12
13	Post-rift salt tectonic evolution and key control factors of the Jequitinhonha deepwater fold belt, central Brazil passive margin: Insights from scaled physical experiments. <i>Marine and Petroleum Geology</i> , 2012, 37, 70-100.	3.3	10
14	Dynamics of the African Plate 75Ma: From Plate Kinematic Reconstructions to Intraplate Paleostresses. <i>Tectonics</i> , 2021, 40, e2020TC006355.	2.8	2
15	Basement fault trends in the Southern North Sea Basin. <i>Journal of Structural Geology</i> , 2021, 153, 104449.	2.3	1