

Mark Rp Tingay

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

3,707
citations

147801

31
h-index

149698

56
g-index

62
all docs

62
docs citations

62
times ranked

2606
citing authors

#	ARTICLE	IF	CITATIONS
1	Global crustal stress pattern based on the World Stress Map database release 2008. <i>Tectonophysics</i> , 2010, 482, 3-15.	2.2	453
2	The World Stress Map database release 2016: Crustal stress pattern across scales. <i>Tectonophysics</i> , 2018, 744, 484-498.	2.2	432
3	Deepwater fold and thrust belt classification, tectonics, structure and hydrocarbon prospectivity: A review. <i>Earth-Science Reviews</i> , 2011, 104, 41-91.	9.1	244
4	Origin of overpressure and pore-pressure prediction in the Baram province, Brunei. <i>AAPG Bulletin</i> , 2009, 93, 51-74.	1.5	219
5	Plate boundary forces are not enough: Second- and third-order stress patterns highlighted in the World Stress Map database. <i>Tectonics</i> , 2007, 26, .	2.8	162
6	Subsurface fracture analysis and determination of in-situ stress direction using FMI logs: An example from the Santonian carbonates (Ilam Formation) in the Abadan Plain, Iran. <i>Tectonophysics</i> , 2010, 492, 192-200.	2.2	134
7	The East Java mud volcano (2006 to present): An earthquake or drilling trigger?. <i>Earth and Planetary Science Letters</i> , 2008, 272, 627-638.	4.4	113
8	Present-day stress and neotectonics of Brunei: Implications for petroleum exploration and production. <i>AAPG Bulletin</i> , 2009, 93, 75-100.	1.5	100
9	Seismic images of a collision zone offshore NW Sabah/Borneo. <i>Marine and Petroleum Geology</i> , 2008, 25, 606-624.	3.3	97
10	Evidence for overpressure generation by kerogen-to-gas maturation in the northern Malay Basin. <i>AAPG Bulletin</i> , 2013, 97, 639-672.	1.5	96
11	“Vertically transferred” overpressures in Brunei: Evidence for a new mechanism for the formation of high-magnitude overpressure. <i>Geology</i> , 2007, 35, 1023.	4.4	93
12	Poroelastic contribution to the reservoir stress path. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2010, 47, 1104-1113.	5.8	83
13	The present-day state of tectonic stress in the Darling Basin, Australia: Implications for exploration and production. <i>Marine and Petroleum Geology</i> , 2016, 77, 776-790.	3.3	83
14	Present-day stress field of Southeast Asia. <i>Tectonophysics</i> , 2010, 482, 92-104.	2.2	82
15	Understanding tectonic stress in the oil patch: The World Stress Map Project. <i>The Leading Edge</i> , 2005, 24, 1276-1282.	0.7	80
16	The present-day stress field of Australia. <i>Earth-Science Reviews</i> , 2017, 168, 165-189.	9.1	74
17	Present-day stress orientation in the Molasse Basin. <i>Tectonophysics</i> , 2010, 482, 129-138.	2.2	73
18	Variation in vertical stress in the Baram Basin, Brunei: tectonic and geomechanical implications. <i>Marine and Petroleum Geology</i> , 2003, 20, 1201-1212.	3.3	71

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19	Present-day stress orientation in the Clarence-Moreton Basin of New South Wales, Australia: a new high density dataset reveals local stress rotations. <i>Basin Research</i> , 2017, 29, 622-640.	2.7	68
20	Present-day stress orientation in Brunei: a snapshot of ~prograding tectonics™ in a Tertiary delta. <i>Journal of the Geological Society</i> , 2005, 162, 39-49.	2.1	67
21	Present-day stress orientation in Thailand's basins. <i>Journal of Structural Geology</i> , 2010, 32, 235-248.	2.3	67
22	Triggering of the Lusi mud eruption: Earthquake versus drilling initiation. <i>Geology</i> , 2008, 36, 639.	4.4	61
23	Relationship between structural style, overpressures, and modern stress, Baram Delta Province, northwest Borneo. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	58
24	Balancing deformation in NW Borneo: Quantifying plate-scale vs. gravitational tectonics in a delta and deepwater fold-thrust belt system. <i>Marine and Petroleum Geology</i> , 2010, 27, 238-246.	3.3	57
25	Pore pressure stress coupling in 3D and consequences for reservoir stress states and fault reactivation. <i>Geothermics</i> , 2014, 52, 195-205.	3.4	57
26	The present-day stress field of New South Wales, Australia. <i>Australian Journal of Earth Sciences</i> , 2016, 63, 1-21.	1.0	48
27	Probabilistic longevity estimate for the LUSI mud volcano, East Java. <i>Journal of the Geological Society</i> , 2011, 168, 517-523.	2.1	46
28	Present-day stress and neotectonic provinces of the Baram Delta and deep-water fold-thrust belt. <i>Journal of the Geological Society</i> , 2009, 166, 197-200.	2.1	41
29	Structural controls on mud volcano vent distributions: examples from Azerbaijan and Lusi, east Java. <i>Journal of the Geological Society</i> , 2011, 168, 1013-1030.	2.1	38
30	Stress maps in a minute: The 2004 world stress map release. <i>Eos</i> , 2004, 85, 521.	0.1	33
31	Prediction of the present-day stress field in the Australian continental crust using 3D geomechanical numerical models. <i>Australian Journal of Earth Sciences</i> , 2017, 64, 435-454.	1.0	33
32	Initiation of the Lusi mudflow disaster. <i>Nature Geoscience</i> , 2015, 8, 493-494.	12.9	32
33	Pore pressure/stress coupling in Brunei Darussalam – implications for shale injection. <i>Geological Society Special Publication</i> , 2003, 216, 369-379.	1.3	27
34	Sawolo et al. (2009) the Lusi mud volcano controversy: Was it caused by drilling?. <i>Marine and Petroleum Geology</i> , 2010, 27, 1651-1657.	3.3	27
35	Initial pore pressures under the Lusi mud volcano, Indonesia. <i>Interpretation</i> , 2015, 3, SE33-SE49.	1.1	27
36	Rapid collaborative knowledge building via Twitter after significant geohazard events. <i>Geoscience Communication</i> , 2020, 3, 129-146.	0.9	26

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37	Present-day stresses in Brunei, NW Borneo: superposition of deltaic and active margin tectonics. Basin Research, 2010, 22, 236-247.	2.7	21
38	Contemporary tectonic stress pattern of the Taranaki Basin, New Zealand. Journal of Geophysical Research: Solid Earth, 2016, 121, 6053-6070.	3.4	20
39	Comparison of modern fluid distribution, pressure and flow in sediments associated with anticlines growing in deepwater (Brunei) and continental environments (Iran). Marine and Petroleum Geology, 2014, 51, 210-229.	3.3	17
40	Reprint of: Comparison of modern fluid distribution, pressure and flow in sediments associated with anticlines growing in deepwater (Brunei) and continental environments (Iran). Marine and Petroleum Geology, 2014, 55, 230-249.	3.3	16
41	An open-access stress magnitude database for Germany and adjacent regions. Geothermal Energy, 2020, 8, .	1.9	15
42	An alternative review of facts, coincidences and past and future studies of the Lusi eruption. Marine and Petroleum Geology, 2018, 95, 345-361.	3.3	14
43	Stratigraphy, Tectonics and Hydrocarbon Habitat of the Abadan Plain Basin: A Geological Review of a Prolific Middle Eastern Hydrocarbon Province. Geosciences (Switzerland), 2018, 8, 496.	2.2	14
44	Stress deflections around salt diapirs in the Gulf of Mexico. Geological Society Special Publication, 2012, 367, 141-153.	1.3	13
45	World stress map published. Eos, 2007, 88, 504-504.	0.1	9
46	Evidence for non-Andersonian faulting above evaporites in the Nile Delta. Geological Society Special Publication, 2012, 367, 155-170.	1.3	9
47	New constraints on the neotectonic stress pattern of the Flinders and Mount Lofty Ranges, South Australia. Exploration Geophysics, 2018, 49, 111-124.	1.1	8
48	Reassessing the in-situ stress regimes of Australia's petroleum basins. APPEA Journal, 2012, 52, 415.	0.2	8
49	Fluid transport properties and estimation of overpressure at the Lusi mud volcano, East Java Basin (Tanikawa et al., 2010). Engineering Geology, 2011, 121, 97-99.	6.3	6
50	Influence of seismicity on the Lusi mud eruption. Geophysical Research Letters, 2015, 42, 7436-7443.	4.0	6
51	Overpressures in the central Otway Basin: the result of rapid Pliocene "Recent sedimentation?. APPEA Journal, 2011, 51, 439.	0.2	5
52	Factors influencing fractures networks within Permian shale intervals in the Cooper Basin, South Australia. APPEA Journal, 2012, 52, 213.	0.2	4
53	Anatomy of the "Lusi"™ Mud Eruption, East Java. ASEG Extended Abstracts, 2010, 2010, 1-6.	0.1	3
54	The Present-day stress pattern in the Middle East and Northern Africa and their importance: The World Stress Map database contains the lowest wellbore information in these petroliferous areas. , 2014, , .		3

#	ARTICLE	IF	CITATIONS
55	Modelling of sediment wedge movement along low-angle detachments using ABAQUS. Geological Society Special Publication, 2012, 367, 171-183.	1.3	2
56	Analysis of overpressure and its generating mechanisms in the northern Carnarvon Basin from drilling data. APPEA Journal, 2012, 52, 375.	0.2	2
57	Introduction to special section: Abnormal pore pressure. Interpretation, 2015, 3, SEI-SEi.	1.1	0
58	ASEG-PESA 24th International Geophysical Conference and Exhibition: Special Issue on Case Studies. Exploration Geophysics, 2016, 47, 169.	1.1	0
59	Introduction to this special section: Geomechanics. The Leading Edge, 2018, 37, 332-332.	0.7	0
60	New constraints on the neotectonic stress pattern of the Flinders and Mount Lofty Ranges, South Australia. Exploration Geophysics, 2018, 49, 125-125.	1.1	0
61	Early Burial Mud Diapirism: Lateral Overpressure Transfer and Slope Failure in a Deformed Foredeep. Geophysical Research Letters, 2021, 48, e2021GL094922.	4.0	0