Lidia Lonergan

List of Publications by Year
in descending order

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60 papers	3,204 citations	172386 29 h-index	149623 56 g-index
60 all docs	60 docs citations	60 times ranked	2505 citing authors

#	Article	IF	Citations
1	Quantifying structural controls on submarine channel architecture and kinematics. Bulletin of the Geological Society of America, 2022, 134, 928-940.	1.6	4
2	Quantifying the relationship between structural deformation and the morphology of submarine channels on the Niger Delta continental slope. Basin Research, 2021, 33, 186-209.	1.3	11
3	The formation of the Sichuan Basin, South China, during the Late Ediacaran to Early Cambrian. Basin Research, 2021, 33, 2328-2357.	1.3	11
4	New models for submarine channel deposits on structurally complex slopes: Examples from the Niger delta system. Marine and Petroleum Geology, 2021, 129, 105040.	1.5	11
5	Sigmoidal normal faults and evidence for vertical-axis block rotation in an oblique convergent margin: A 3D seismic example from offshore Colombia. The Leading Edge, 2021, 40, 923-930.	0.4	0
6	Basin Evolution and Shale Tectonics on an Obliquely Convergent Margin: The Bahia Basin, Offshore Colombian Caribbean. Tectonics, 2020, 39, e2019TC005787.	1.3	10
7	Growth of a thrust fault array in space and time: An example from the deep-water Niger delta. Journal of Structural Geology, 2020, 137, 104088.	1.0	18
8	Seismic velocity structure of seaward-dipping reflectors on the South American continental margin. Earth and Planetary Science Letters, 2019, 521, 14-24.	1.8	14
9	The role of structural growth in controlling the facies and distribution of mass transport deposits in a deep-water salt minibasin. Marine and Petroleum Geology, 2019, 104, 106-124.	1.5	20
10	Characterization of Seawardâ€Dipping Reflectors Along the South American Atlantic Margin and Implications for Continental Breakup. Tectonics, 2018, 37, 3303-3327.	1.3	45
11	Comparison of upwards splaying and upwards merging segmented normal faults. Journal of Structural Geology, 2017, 100, 1-11.	1.0	15
12	Heterogeneous fluid flow in fractured layered carbonates and its implication for generation of incipient karst. Advances in Water Resources, 2017, 107, 502-516.	1.7	26
13	From Extension to Shortening: Tectonic Inversion Distributed in Time and Space in the Alboran Sea, Western Mediterranean. Tectonics, 2017, 36, 2777-2805.	1.3	34
14	Stratigraphy, facies, and evolution of deep-water lobe complexes within a salt-controlled intraslope minibasin. AAPG Bulletin, 2017, 101, 1879-1904.	0.7	42
15	Growth history of fault-related folds and interaction with seabed channels in the toe-thrust region of the deep-water Niger delta. Marine and Petroleum Geology, 2016, 70, 58-76.	1.5	51
16	Characterisation of the transmissivity field of a fractured and karstic aquifer, Southern France. Advances in Water Resources, 2016, 87, 106-121.	1.7	37
17	Characterising the spatial distribution, frequency and geomorphic controls on landslide occurrence, Molise, Italy. Geomorphology, 2014, 226, 148-161.	1.1	63
18	Strikeâ€slip tectonics and basin inversion in the Western Mediterranean: the Postâ€Messinian evolution of the Alboran Sea. Basin Research, 2013, 25, 361-387.	1.3	74

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19	U-shaped slope gully systems and sediment waves on the passive margin of Gabon (West Africa). Marine Geology, 2013, 337, 80-97.	0.9	47
20	3D seismic analysis of buried tunnel valleys in the central North Sea: morphology, cross-cutting generations and glacial history. Quaternary Science Reviews, 2013, 72, 1-17.	1.4	72
21	3D seismic analysis of buried tunnel valleys in the Central North Sea: tunnel valley fill sedimentary architecture. Geological Society Special Publication, 2012, 368, 173-184.	0.8	16
22	Using time-lapse seismic monitoring to identify trapping mechanisms during CO2 sequestration. International Journal of Greenhouse Gas Control, 2012, 11, 316-325.	2.3	11
23	The Pleistocene Glaciations of the North Sea Basin. Developments in Quaternary Sciences, 2011, , 261-278.	0.1	41
24	Seven glacial cycles in the middle-late Pleistocene of northwest Europe: Geomorphic evidence from buried tunnel valleys. Geology, 2011, 39, 283-286.	2.0	101
25	Depositional environments and chronology of Late Weichselian glaciation and deglaciation in the central North Sea. Boreas, 2010, 39, 471-491.	1.2	45
26	The response of turbidite slope channels to growth-induced seabed topography. AAPG Bulletin, 2010, 94, 1011-1030.	0.7	70
27	Seafloor glacial features reveal the extent and decay of the last British Ice Sheet, east of Scotland. Journal of Quaternary Science, 2009, 24, 117-138.	1.1	29
28	Study of fracture-induced anisotropy from discrete fracture network simulation of well test responses. Geological Society Special Publication, 2007, 270, 117-137.	0.8	3
29	Evidence for Late Pleistocene ice stream activity in the Witch Ground Basin, central North Sea, from 3D seismic reflection data. Quaternary Science Reviews, 2007, 26, 627-643.	1.4	98
30	Strike-slip deformation within the Colombian Andes. Geological Society Special Publication, 2007, 272, 303-319.	0.8	22
31	Pleistocene subglacial tunnel valleys in the central North Sea basin: 3-D morphology and evolution. Journal of Quaternary Science, 2006, 21, 891-903.	1.1	90
32	Estimating flow heterogeneity in natural fracture systems. Journal of Volcanology and Geothermal Research, 2005, 148, 116-129.	0.8	28
33	Oblique transpression in the western thrust front of the Colombian Eastern Cordillera. Journal of South American Earth Sciences, 2004, 17, 181-194.	0.6	23
34	The control of stress history and flaw distribution on the evolution of polygonal fracture networks. Journal of Structural Geology, 2003, 25, 1241-1250.	1.0	51
35	Subsidence analyses from the Betic Cordillera, southeast Spain. Basin Research, 2003, 15, 1-21.	1.3	26
36	Exhumation of the Ronda peridotite and its crustal envelope: constraints from thermal modelling of a P â€“ T â€“time array. Journal of the Geological Society, 2003, 160, 655-676.	0.9	101

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37	Discussion on mechanisms and controls on the formation of sand intrusions. Journal of the Geological Society, 2003, 160, 495-496.	0.9	3
38	Mechanisms and controls on the formation of sand intrusions. Journal of the Geological Society, 2002, 159, 605-617.	0.9	255
39	Seismic investigation of thick evaporite deposits on the central and inner unit of the Mediterranean Ridge accretionary complex. Marine Geology, 2002, 186, 167-194.	0.9	24
40	Fracture spacing and orientation distributions for two-dimensional data sets. Journal of Geophysical Research, 2000, 105, 19305-19320.	3.3	8
41	Three-dimensional consolidation of fine-grained sediments. Canadian Geotechnical Journal, 1999, 36, 355-362.	1.4	8
42	Fractures, fluid flow and mineralization: an introduction. Geological Society Special Publication, 1999, 155, 1-6.	0.8	10
43	The development of polygonal fault systems by syneresis of colloidal sediments. Marine and Petroleum Geology, 1999, 16, 793-810.	1.5	126
44	Three-dimensional seismic imaging of a dymanic Earth. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1999, 357, 3359-3375.	1.6	4
45	The geometry of polygonal fault systems in Tertiary mudrocks of the North Sea. Journal of Structural Geology, 1998, 20, 529-548.	1.0	105
46	Reconstructing orogenic exhumation histories using synorogenic detrital zircons and apatites: an example from the Betic Cordillera, SE Spain. Basin Research, 1998, 10, 353-364.	1.3	49
47	Fluid inclusion constraints on conditions and timing of hydrocarbon migration and quartz cementation in Brent Group reservoir sandstones, Columba Terrace, northern North Sea. Geological Society Special Publication, 1998, 144, 69-89.	0.8	17
48	Polygonal faulting in the Tertiary of the central North Sea: implications for reservoir geology. Geological Society Special Publication, 1998, 127, 191-207.	0.8	15
49	Origin of the Betic-Rif mountain belt. Tectonics, 1997, 16, 504-522.	1.3	603
50	A subducting seamount beneath the Mediterranean Ridge. Tectonophysics, 1997, 271, 249-261.	0.9	22
51	The role of thermal conductivity measurements in modelling thermal histories in sedimentary basins. Marine and Petroleum Geology, 1997, 14, 201-214.	1.5	24
52	The Internal-External zone boundary in the eastern Betic Cordillera, SE Spain: Reply. Journal of Structural Geology, 1996, 18, 525-527.	1.0	7
53	Volumetric contraction during the compaction of mudrocks: a mechanism for the development of regional-scale polygonal fault systems. Basin Research, 1996, 8, 183-193.	1.3	226
54	The Malaguide-Alpujarride boundary: a major extensional contact in the Internal Zone of the eastern Betic Cordillera, SE Spain. Journal of Structural Geology, 1995, 17, 1655-1671.	1.0	79

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55	The internal-external zone boundary in the eastern Betic Cordillera, SE Spain. Journal of Structural Geology, 1994, 16, 175-188.	1.0	36
56	Evidence for Internal Zone unroofing from foreland basin sediments, Betic Cordillera, SE Spain. Journal of the Geological Society, 1994, 151, 515-529.	0.9	54
57	Palaeomagnetic rotations in the eastern Betic Cordillera, southern Spain. Earth and Planetary Science Letters, 1993, 119, 225-241.	1.8	69
58	Timing and kinematics of deformation in the Malaguide Complex, internal zone of the Betic Cordillera, southeast Spain. Tectonics, 1993, 12, 460-476.	1.3	82
59	Proximal deposits at a fault-controlled basin margin, Upper Miocene, SE Spain. Journal of the Geological Society, 1993, 150, 719-727.	0.9	14
60	New statistical quantification of the impact of active deformation on the distribution of submarine channels. Geology, 0, , .	2.0	4