

Olivier Bellier

List of Publications by Year in descending order

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125
papers

5,047
citations

61857

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129
times ranked

3825
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical relationship between strike-slip faulting and salt tectonics in the Northern Tunisian Atlas: The Bir-El-Afou salt structure. <i>Journal of Structural Geology</i> , 2022, 154, 104501.	1.0	2
2	Quantitative risk assessment in El-Jadida (Northern Atlantic Coast of Morocco) for a tsunami scenario equivalent to that of the 1755 Lisbon earthquake. <i>Environmental Earth Sciences</i> , 2022, 81, 1.	1.3	3
3	South Tethyan passive margin paleoslope orientation inferred from soft-sediment deformation and fault kinematic analysis: a case study from the Cretaceous of Borj Cedria area, Tunisia. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	1
4	Investigation of stochastic-threshold incision models across a climatic and morphological gradient. <i>Earth Surface Dynamics</i> , 2022, 10, 473-492.	1.0	2
5	Assessing post-pleistocene deformation in a context of slow tectonic deformation: insights from paleoseismology, remote sensing and shallow geophysics in Provence, France. <i>Natural Hazards</i> , 2021, 105, 1453-1490.	1.6	4
6	Response to the comment by A. Salhi (2020) regarding the published article "local risk awareness and precautionary behaviour in a multi-hazard region of north Morocco." <i>International Journal of Disaster Risk Reduction</i> , 2021, 54, 102038.	1.8	0
7	Short-term occupations at high elevation during the Middle Paleolithic at Kalavan 2 (Republic of Tj ETQq1 1 0.784314 rgBT /Overlock 1.1 12	1.1	12
8	Seismo-tectonic Model for the Southern Pre-Rif Border (Northern Morocco): Insights From Morphochronology. <i>Tectonics</i> , 2021, 40, e2020TC006633.	1.3	6
9	Formation and Persistence of Extensional Internally Drained Basins: The Case of the Fucino Basin (Central Apennines, Italy). <i>Tectonics</i> , 2021, 40, e2020TC006442.	1.3	10
10	Thirty years of paleoseismic research in metropolitan France. <i>Comptes Rendus - Geoscience</i> , 2021, 353, 339-380.	0.4	3
11	Lessons learned about the importance of raising risk awareness in the Mediterranean region (north) Tj ETQq1 1 0.784314 rgBT /Overlock 1.5 7	1.5	7
12	Local risk awareness and precautionary behaviour in a multi-hazard region of North Morocco. <i>International Journal of Disaster Risk Reduction</i> , 2020, 50, 101724.	1.8	15
13	Interconnection salt diapir allochthonous salt sheet in northern Tunisia: The Lansarine Baoula case study. <i>Journal of African Earth Sciences</i> , 2020, 170, 103876.	0.9	12
14	Cretaceous and late Cenozoic uplift of a Variscan Massif: The case of the French Massif Central studied through low-temperature thermochronometry. <i>Lithosphere</i> , 2020, 12, 133-149.	0.6	8
15	Hillslope denudation and morphologic response to a rock uplift gradient. <i>Earth Surface Dynamics</i> , 2020, 8, 221-243.	1.0	20
16	The Southern Atlas Front in Tunisia: Regional-Scale Geometry and Structural Evolution. <i>Regional Geology Reviews</i> , 2020, , 137-160.	1.2	2
17	Reconstructing human-environment interactions in the western Messara Plain (Phaistos, Crete,) Tj ETQq1 1 0.784314 rgBT /Overlock 0.2 4	0.2	4
18	The kinematics of the Dasht-e Bayaz earthquake fault during Pliocene-Quaternary: Implications for the tectonics of eastern Central Iran. <i>Tectonophysics</i> , 2019, 772, 228218.	0.9	15

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19	Indicators in risk management: Are they a user-friendly interface between natural hazards and societal responses? Challenges and opportunities after UN Sendai conference in 2015. <i>International Journal of Disaster Risk Reduction</i> , 2019, 41, 101301.	1.8	15
20	The Southern Atlas Front in Tunisia and its foreland basin: Structural style and regional-scale deformation. <i>Tectonophysics</i> , 2019, 764, 1-24.	0.9	35
21	Mesozoic halokinesis and basement inheritance in the eastern Provence fold-thrust belt, SE France. <i>Tectonophysics</i> , 2019, 766, 60-80.	0.9	24
22	Transient landscape dynamics across the Southeastern Australian Escarpment. <i>Earth and Planetary Science Letters</i> , 2019, 506, 397-406.	1.8	23
23	Differential Exhumation Across the Longriba Fault System: Implications for the Eastern Tibetan Plateau. <i>Tectonics</i> , 2018, 37, 663-679.	1.3	23
24	Temporal and spatial changes of the submarine Cretaceous paleoslope in Northern Tunisia, inferred from slump folds analysis. <i>Proceedings of the Geologists Association</i> , 2018, 129, 40-56.	0.6	15
25	Cretaceous paleomargin tilted blocks geometry in northern Tunisia: stratigraphic consideration and fault kinematic analysis. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	0.6	13
26	Limited influence of climatic gradients on the denudation of a Mediterranean carbonate landscape. <i>Geomorphology</i> , 2018, 316, 44-58.	1.1	22
27	Weak Tectono-Magmatic Relationships along an Obliquely Convergent Plate Boundary: Sumatra, Indonesia. <i>Frontiers in Earth Science</i> , 2018, 6, .	0.8	23
28	Morphological controls on the dynamics of carbonate landscapes under a mediterranean climate. <i>Terra Nova</i> , 2017, 29, 173-182.	0.9	17
29	Perturbation of fluvial sediment fluxes following the 2008 Wenchuan earthquake. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 2611-2622.	1.2	52
30	Spatial variations in late Quaternary slip rates along the Doruneh Fault System (Central Iran). <i>Tectonics</i> , 2016, 35, 386-406.	1.3	24
31	Constraining recent fault offsets with statistical and geometrical methods: Example from the Jasneuf Fault (Western Alps, France). <i>Tectonophysics</i> , 2016, 693, 1-21.	0.9	5
32	The Longriqu fault zone, eastern Tibetan Plateau: Segmentation and Holocene behavior. <i>Tectonics</i> , 2016, 35, 565-585.	1.3	19
33	Cenozoic rejuvenation events of Massif Central topography (France): Insights from cosmogenic denudation rates and river profiles. <i>Earth and Planetary Science Letters</i> , 2016, 444, 179-191.	1.8	29
34	Reconstruction of the Provence Chain evolution, southeastern France. <i>Tectonics</i> , 2016, 35, 1506-1525.	1.3	37
35	Weathering-limited hillslope evolution in carbonate landscapes. <i>Earth and Planetary Science Letters</i> , 2016, 446, 10-20.	1.8	36
36	The effects of plate margin inhomogeneity on the deformation pattern within west-Central Zagros Fold-and-Thrust Belt. <i>Tectonophysics</i> , 2016, 693, 304-326.	0.9	25

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37	Active basement uplift of Sierra Pie de Palo (Northwestern Argentina): Rates and inception from ^{10}Be cosmogenic nuclide concentrations. <i>Tectonics</i> , 2015, 34, 1129-1153.	1.3	28
38	Style of Atlassic tectonic deformation and geodynamic evolution of the southern Tethyan margin, Tunisia. <i>Marine and Petroleum Geology</i> , 2015, 66, 801-816.	1.5	58
39	Denudation pattern across the Longriba fault system and implications for the geomorphological evolution of the eastern Tibetan margin. <i>Geomorphology</i> , 2015, 246, 542-557.	1.1	25
40	Structural style and evolution of the Pyrenean-Provence thrust belt, SE France. <i>Bulletin - Societie Geologique De France</i> , 2015, 186, 223-241.	0.9	24
41	Tectonic and geomorphic analysis of the Belledonne border fault and its extensions, Western Alps. <i>Tectonophysics</i> , 2015, 659, 31-52.	0.9	11
42	Koszul duality theory for operads over Hopf algebras. <i>Algebraic and Geometric Topology</i> , 2014, 14, 1-35.	0.1	2
43	Recent spatial and temporal changes in the stress regime along the southern Tunisian Atlas front and the Gulf of Gabes: New insights from fault kinematics analysis and seismic profiles. <i>Tectonophysics</i> , 2014, 626, 120-136.	0.9	40
44	Geometry and structural evolution of Lorbeus diapir, northwestern Tunisia: polyphase diapirism of the North African inverted passive margin. <i>International Journal of Earth Sciences</i> , 2014, 103, 881-900.	0.9	46
45	Submarine allochthonous salt sheets: Gravity-driven deformation of North African Cretaceous passive margin in Tunisia – Bled Dogra case study and nearby salt structures. <i>Journal of African Earth Sciences</i> , 2014, 97, 125-142.	0.9	26
46	Normal faulting in the forearc of the Hellenic subduction margin: Paleoseismicity history and kinematics of the Spili Fault, Crete, Greece. <i>Journal of Structural Geology</i> , 2014, 66, 298-308.	1.0	27
47	Coupling cosmogenic dating and magnetostratigraphy to constrain the chronological evolution of peri-Mediterranean karsts during the Messinian and the Pliocene: Example of Ardèche Valley, Southern France. <i>Geomorphology</i> , 2013, 189, 81-92.	1.1	19
48	Quaternary evolution of a large alluvial fan in a periglacial setting (Crau Plain, SE France) constrained by terrestrial cosmogenic nuclide (^{10}Be). <i>Geomorphology</i> , 2013, 195, 45-52.	1.1	36
49	New tectono-sedimentary evidences for Aptian to Santonian extension of the Cretaceous rifting in the northern Chotts range (southern Tunisia). <i>Journal of African Earth Sciences</i> , 2013, 79, 58-73.	0.9	68
50	Structural records of the Late Cretaceous–Cenozoic extension in Eastern China and the kinematics of the Southern Tan-Lu and Qinling Fault Zone (Anhui and Shaanxi provinces, PR China). <i>Tectonophysics</i> , 2013, 582, 50-75.	0.9	85
51	Splitting of Operations, Manin Products, and Rota–Baxter Operators. <i>International Mathematics Research Notices</i> , 2013, 2013, 485-524.	0.5	93
52	The evolution of the Lansarine–Baouala salt canopy in the North African Cretaceous passive margin in Tunisia. <i>Geological Magazine</i> , 2013, 150, 835-861.	0.9	50
53	The Binalud Mountains: A key piece for the geodynamic puzzle of NE Iran. <i>Tectonics</i> , 2012, 31, .	1.3	25
54	Geometry and kinematic evolution of a long-lived foreland structure inferred from field data and cross section balancing, the Sainte-Victoire System, Provence, France. <i>Tectonics</i> , 2012, 31, .	1.3	33

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55	Quaternary deformation and stress perturbations along the Digne thrust front, Southwestern Alps. <i>Comptes Rendus - Geoscience</i> , 2012, 344, 205-213.	0.4	7
56	Structural control on volcanism in intraplate post collisional settings: Late Cenozoic to Quaternary examples of Iran and Eastern Turkey. <i>Tectonics</i> , 2012, 31, .	1.3	69
57	Keys and pitfalls in mesoscale fault analysis and paleostress reconstructions, the use of Angelier's methods. <i>Tectonophysics</i> , 2012, 581, 144-162.	0.9	57
58	New kinematic constraints of the western Doruneh fault, northeastern Iran, from interseismic deformation analysis. <i>Geophysical Journal International</i> , 2012, 190, 622-628.	1.0	11
59	Topography of the Calabria subduction zone (southern Italy): Clues for the origin of Mt. Etna. <i>Tectonics</i> , 2011, 30, .	1.3	120
60	Geomorphic and structural variations along the Doruneh Fault System (central Iran). <i>Tectonics</i> , 2011, 30, .	1.3	38
61	Fault kinematics and active tectonics at the southeastern boundary of the eastern Alborz (Abr and Tj ETQq1 1 0.784314 rgBTJ/Overlock	0.7	29
62	Tectonic and sedimentary inheritance on the structural framework of Provence (SE France): Importance of the Salon-Cavaillon fault. <i>Tectonophysics</i> , 2011, 501, 1-16.	0.9	36
63	Plio-Quaternary tectonic regime changes in the transition zone between Alborz and Kopeh Dagh mountain ranges (NE Iran). <i>Tectonophysics</i> , 2011, 506, 86-108.	0.9	27
64	Morphostructural evolution of the Luberon since the Miocene (SE France). <i>Bulletin - Societe Geologique De France</i> , 2011, 182, 95-110.	0.9	18
65	Joint multidisciplinary study of the Saint-Sauveur-Donareo fault (lower Var valley, French Riviera): a contribution to seismic hazard assessment in the urban area of Nice. <i>Bulletin - Societe Geologique De France</i> , 2011, 182, 323-336.	0.9	6
66	Recent tectonic reorganization of the Nubia-Eurasia convergent boundary heading for the closure of the western Mediterranean. <i>Bulletin - Societe Geologique De France</i> , 2011, 182, 279-303.	0.9	108
67	The GROSMarin experiment: three dimensional crustal structure of the North Ligurian margin from refraction tomography and preliminary analysis of microseismic measurements. <i>Bulletin - Societe Geologique De France</i> , 2011, 182, 305-321.	0.9	16
68	Introduction to "PROVENCE 2009" Seismic risk in regions of moderate seismicity: from hazard to vulnerability. <i>Bulletin - Societe Geologique De France</i> , 2011, 182, 277-278.	0.9	0
69	Risque sismique dans les zones a sismicite model re le : de la ale la la vulne rabilite. <i>Bulletin - Societe Geologique De France</i> , 2011, 182, 271-274.	0.9	0
70	Deciphering of six blocks of Gondwanan origin within Eastern Indonesia (South East Asia). <i>Gondwana Research</i> , 2010, 18, 420-437.	3.0	29
71	New magnetic fabric data and their comparison with palaeostress markers in the Western Fars Arc (Zagros, Iran): tectonic implications. <i>Geological Society Special Publication</i> , 2010, 330, 97-120.	0.8	28
72	The transition between Makran subduction and the Zagros collision: recent advances in its structure and active deformation. <i>Geological Society Special Publication</i> , 2010, 330, 43-64.	0.8	47

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73	The kinematics of the Zagros Mountains (Iran). Geological Society Special Publication, 2010, 330, 19-42.	0.8	54
74	Plio-Quaternary stress states in NE Iran: Kopeh Dagh and Allah Dagh-Binalud mountain ranges. Tectonophysics, 2010, 480, 280-304.	0.9	72
75	Extrusion tectonics and subduction in the eastern South Caspian region since 10 Ma: COMMENT. Geology, 2009, 37, e197-e198.	2.0	10
76	Quaternary slip rates along the northeastern boundary of the Arabia-Eurasia collision zone (Kopeh) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.0	67
77	Quaternary slip-rates of the Kazerun and the Main Recent Faults: active strike-slip partitioning in the Zagros fold-and-thrust belt. Geophysical Journal International, 2009, 178, 524-540.	1.0	56
78	Present-day strain distribution across the Minab-Zendan-Palami fault system from dense GPS transects. Geophysical Journal International, 2009, 179, 751-762.	1.0	40
79	The effect of river dynamics induced by the Messinian Salinity Crisis on karst landscape and caves: Example of the Lower Ardèche river (mid Rhône valley). Geomorphology, 2009, 106, 46-61.	1.1	57
80	New tectonic configuration in NE Iran: Active strike-slip faulting between the Kopeh Dagh and Binalud mountains. Tectonics, 2009, 28, .	1.3	66
81	A multidisciplinary study of a slow-slipping fault for seismic hazard assessment: the example of the Middle Durance Fault (SE France). Geophysical Journal International, 2008, 172, 1163-1178.	1.0	54
82	Laboratory experiments of slab break-off and slab dip reversal: insight into the Alpine Oligocene reorganization. Terra Nova, 2008, 20, 267-273.	0.9	40
83	Subsurface electrical imaging of anisotropic formations affected by a slow active reverse fault, Provence, France. Journal of Applied Geophysics, 2007, 62, 338-353.	0.9	58
84	Late Cenozoic partitioning of oblique plate convergence in the Zagros fold-and-thrust belt (Iran). Tectonics, 2006, 25, n/a-n/a.	1.3	109
85	Slab detachment beneath eastern Anatolia: A possible cause for the formation of the North Anatolian fault. Earth and Planetary Science Letters, 2006, 242, 85-97.	1.8	331
86	¹⁰ Be dating of alluvial deposits from Southeastern Iran (the Hormoz Strait area). Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 242, 36-53.	1.0	57
87	Fission track and fault kinematics analyses for new insight into the Late Cenozoic tectonic regime changes in West-Central Sulawesi (Indonesia). Tectonophysics, 2006, 413, 201-220.	0.9	80
88	Active deformation in Zagros-Makran transition zone inferred from GPS measurements. Geophysical Journal International, 2006, 165, 373-381.	1.0	94
89	Cumulative right-lateral fault slip rate across the Zagros-Makran transfer zone: role of the Minab-Zendan fault system in accommodating Arabia-Eurasia convergence in southeast Iran. Geophysical Journal International, 2005, 162, 177-203.	1.0	134
90	Reponse au commentaire de M. Mattauer à l'article : Cadre géologique du séisme de Lambesc du 11 juin 1909 (Provence, France) : structure et évolution de l'anticlinal de la Treilvaresse. Bulletin - Societe Geologique De France, 2005, 176, 122-123.	0.9	1

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91	Commentaire à la note de D. Chardon et O. Bellier intitulée « Geological boundary conditions of the 1909 Lambesc (Provence, France) earthquake : structure and evolution of the Trelvaresse ridge anticline ». Bulletin - Societie Geologique De France, 2005, 176, 121-122.	0.9	2
92	First paleoseismological constraints on the strongest earthquake in France (Provence) in the twentieth century. Geology, 2005, 33, 901.	2.0	37
93	Deformation partitioning in flat subduction setting: Case of the Andean foreland of western Argentina (28°S-33°S). Tectonics, 2005, 24, n/a-n/a.	1.3	67
94	Corrélation et cinématique post-oligocène des failles d'Aix et de la moyenne Durance (Provence, France). Comptes Rendus - Geoscience, 2005, 337, 375-384.	0.4	14
95	Role of the Kazerun fault system in active deformation of the Zagros fold-and-thrust belt (Iran). Comptes Rendus - Geoscience, 2005, 337, 539-545.	0.4	57
96	Slab pull and indentation tectonics: insights from 3D laboratory experiments. Physics of the Earth and Planetary Interiors, 2005, 149, 99-113.	0.7	48
97	Evidence for short-scale stress field variations within intraplate central-western France. Geophysical Journal International, 2004, 160, 161-178.	1.0	22
98	Is the Amik Basin (SE Turkey) a triple-junction area? Analyses of SPOT XS imagery and seismicity. International Journal of Remote Sensing, 2004, 25, 3857-3872.	1.3	34
99	Accommodation of Arabia-Eurasia convergence in the Zagros-Makran transfer zone, SE Iran: A transition between collision and subduction through a young deforming system. Tectonics, 2004, 23, n/a-n/a.	1.3	137
100	Local erosion rates versus active tectonics: cosmic ray exposure modelling in Provence (south-east) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.8	95
101	From subduction to collision: Control of deep processes on the evolution of convergent plate boundary. Journal of Geophysical Research, 2003, 108, .	3.3	63
102	Geological boundary conditions of the 1909 Lambesc (Provence, France) earthquake : structure and evolution of the Trelvaresse ridge anticline. Bulletin - Societie Geologique De France, 2003, 174, 497-510.	0.9	43
103	Present-day stress and deformation field within the Sulawesi Island area (Indonesia) : geodynamic implications. Bulletin - Societie Geologique De France, 2003, 174, 305-317.	0.9	24
104	Quaternary stress regime change in the Hatay region (SE Turkey). Geophysical Journal International, 2002, 148, 649-662.	1.0	45
105	Seismic hazard reappraisal from combined structural geology, geomorphology and cosmic ray exposure dating analyses: the Eastern Precordillera thrust system (NW Argentina). Geophysical Journal International, 2002, 150, 241-260.	1.0	54
106	High slip rate for a low seismicity along the Palu-Koro active fault in central Sulawesi (Indonesia). Terra Nova, 2001, 13, 463-470.	0.9	92
107	Analyses of the stress field in southeastern France from earthquake focal mechanisms. Geophysical Journal International, 2001, 145, 336-348.	1.0	82
108	Datation de surfaces geomorphologiques reperes par le 10 Be produit in-situ; implications tectoniques et climatiques. Bulletin - Societie Geologique De France, 2001, 172, 223-236.	0.9	5

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109	Cosmic Ray Exposure (CRE) dating in a wet tropical domain: late Quaternary fan emplacements in central Sulawesi (Indonesia). <i>Terra Nova</i> , 1999, 11, 174-180.	0.9	10
110	Kâ€“Ar age of the Ranau Tuffs: implications for the Ranau caldera emplacement and slip-partitioning in Sumatra (Indonesia). <i>Tectonophysics</i> , 1999, 312, 347-359.	0.9	40
111	Slip-partitioning and fore-arc deformation at the Sunda Trench, Indonesia. <i>Terra Nova</i> , 1998, 10, 139-144.	0.9	26
112	Cosmogenic dating ranging from 20 to 700 ka of a series of alluvial fan surfaces affected by the El Tigre fault, Argentina. <i>Geology</i> , 1997, 25, 975.	2.0	82
113	Tectonique active du Nord-Est de Sulawesi (IndonÃ©sie) et contrÃ¢le structural de la caldeira de Tondano. <i>Comptes Rendus De L'AcadÃ©mie Des Sciences Earth & Planetary Sciences SÃ©rie II, Sciences De La Terre Et Des PlanÃ©tes</i> , 1997, 325, 607-613.	0.2	4
114	Paleoseismicity and seismic hazard along the Great Sumatran Fault (Indonesia). <i>Journal of Geodynamics</i> , 1997, 24, 169-183.	0.7	58
115	Recent temporal change in the stress state and modern stress field along the North Anatolian Fault Zone (Turkey). <i>Geophysical Journal International</i> , 1997, 131, 61-86.	1.0	62
116	Deformation related to the 1994 Liwa Earthquake derived from geodetic measurements. <i>Geophysical Research Letters</i> , 1996, 23, 3055-3058.	1.5	11
117	The North Anatolian Fault Zone: distributed Neogene deformation in its northward convex part. <i>Tectonophysics</i> , 1995, 243, 135-154.	0.9	42
118	Recent state of stress change in the Walker Lane zone, western Basin and Range province, United States. <i>Tectonics</i> , 1995, 14, 564-593.	1.3	119
119	Is the slip rate variation on the Great Sumatran Fault accommodated by fore-arc stretching?. <i>Geophysical Research Letters</i> , 1995, 22, 1969-1972.	1.5	71
120	Relationship between tectonism and volcanism along the Great Sumatran Fault Zone deduced by spot image analyses. <i>Tectonophysics</i> , 1994, 233, 215-231.	0.9	121
121	First epoch geodetic GPS measurements across the Afar Plate Boundary Zone. <i>Geophysical Research Letters</i> , 1993, 20, 1899-1902.	1.5	16
122	MIOCENE NON-MARINE DIATOMS FROM THE WESTERN CORDILLERA BASINS OF NORTHERN PERU. <i>Diatom Research</i> , 1993, 8, 13-30.	0.5	14
123	Changes in the tectonic regime above a subduction zone of Andean Type: The Andes of Peru and Bolivia during the Plioceneâ€“Pleistocene. <i>Journal of Geophysical Research</i> , 1992, 97, 11945-11982.	3.3	108
124	Evolution sedimentaire et tectonique du graben cenozoique de la Wei He (Province du Shaanxi, Chine) <i>Tectonophysics</i> , 1991, 187, 1-10.	0.9	39
125	Atlantic-Type Passive Margin Structural Style of the Cretaceous Basin in Northern Tunisia: Paleoslope Reconstruction and Regional Tectonics. <i>Geotectonics</i> , 0, , 1.	0.2	0