

Olivier Bellier

List of Publications by Year in descending order

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all docs

129
docs citations

129
times ranked

3825
citing authors

#	ARTICLE	IF	CITATIONS
1	Slab detachment beneath eastern Anatolia: A possible cause for the formation of the North Anatolian fault. <i>Earth and Planetary Science Letters</i> , 2006, 242, 85-97.	1.8	331
2	Accommodation of Arabia-Eurasia convergence in the Zagros-Makran transfer zone, SE Iran: A transition between collision and subduction through a young deforming system. <i>Tectonics</i> , 2004, 23, n/a-n/a.	1.3	137
3	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. <i>Geophysical Journal International</i> , 2005, 162, 177-203.	1.0	134
4	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
5	Topography of the Calabria subduction zone (southern Italy): Clues for the origin of Mt. Etna. <i>Tectonics</i> , 2011, 30, .	1.3	120
6	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
7	Late Cenozoic partitioning of oblique plate convergence in the Zagros fold-and-thrust belt (Iran). <i>Tectonics</i> , 2006, 25, n/a-n/a.	1.3	109
8	Changes in the tectonic regime above a subduction zone of Andean Type: The Andes of Peru and Bolivia during the Pliocene-Pleistocene. <i>Journal of Geophysical Research</i> , 1992, 97, 11945-11982.	3.3	108
9	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
10	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
11	Active deformation in Zagros-Makran transition zone inferred from GPS measurements. <i>Geophysical Journal International</i> , 2006, 165, 373-381.	1.0	94
12	Splitting of Operations, Manin Products, and Rota-Baxter Operators. <i>International Mathematics Research Notices</i> , 2013, 2013, 485-524.	0.5	93
13	High slip rate for a low seismicity along the Palu-Koro active fault in central Sulawesi (Indonesia). <i>Terra Nova</i> , 2001, 13, 463-470.	0.9	92
14	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
15	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
16	Analyses of the stress field in southeastern France from earthquake focal mechanisms. <i>Geophysical Journal International</i> , 2001, 145, 336-348.	1.0	82
17	Fission track and fault kinematics analyses for new insight into the Late Cenozoic tectonic regime changes in West-Central Sulawesi (Indonesia). <i>Tectonophysics</i> , 2006, 413, 201-220.	0.9	80
18	Plio-Quaternary stress states in NE Iran: Kopeh Dagh and Allah Dagh-Binalud mountain ranges. <i>Tectonophysics</i> , 2010, 480, 280-304.	0.9	72

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19	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
20	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
21	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
22	Deformation partitioning in flat subduction setting: Case of the Andean foreland of western Argentina (28°S-33°S). <i>Tectonics</i> , 2005, 24, n/a-n/a.	1.3	67
23	Quaternary slip rates along the northeastern boundary of the Arabia-Eurasia collision zone (Kopeh) Tj ETQq1 1 0.784314 rgBT /Overlook	1.0	67
24	New tectonic configuration in NE Iran: Active strike-slip faulting between the Kopeh Dagh and Binalud mountains. <i>Tectonics</i> , 2009, 28, .	1.3	66
25	From subduction to collision: Control of deep processes on the evolution of convergent plate boundary. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	63
26	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
27	Paleoseismicity and seismic hazard along the Great Sumatran Fault (Indonesia). <i>Journal of Geodynamics</i> , 1997, 24, 169-183.	0.7	58
28	Subsurface electrical imaging of anisotropic formations affected by a slow active reverse fault, Provence, France. <i>Journal of Applied Geophysics</i> , 2007, 62, 338-353.	0.9	58
29	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
30	Role of the Kazerun fault system in active deformation of the Zagros fold-and-thrust belt (Iran). <i>Comptes Rendus - Geoscience</i> , 2005, 337, 539-545.	0.4	57
31	¹⁰ Be dating of alluvial deposits from Southeastern Iran (the Hormoz Strait area). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 242, 36-53.	1.0	57
32	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). <i>Geomorphology</i> , 2009, 106, 46-61.	1.1	57
33	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
34	Quaternary slip-rates of the Kazerun and the Main Recent Faults: active strike-slip partitioning in the Zagros fold-and-thrust belt. <i>Geophysical Journal International</i> , 2009, 178, 524-540.	1.0	56
35	Seismic hazard reappraisal from combined structural geology, geomorphology and cosmic ray exposure dating analyses: the Eastern Precordillera thrust system (NW Argentina). <i>Geophysical Journal International</i> , 2002, 150, 241-260.	1.0	54
36	A multidisciplinary study of a slow-slipping fault for seismic hazard assessment: the example of the Middle Durance Fault (SE France). <i>Geophysical Journal International</i> , 2008, 172, 1163-1178.	1.0	54

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37	The kinematics of the Zagros Mountains (Iran). Geological Society Special Publication, 2010, 330, 19-42.	0.8	54
38	Perturbation of fluvial sediment fluxes following the 2008 Wenchuan earthquake. Earth Surface Processes and Landforms, 2017, 42, 2611-2622.	1.2	52
39	The evolution of the Lansarineâ€œBaouala salt canopy in the North African Cretaceous passive margin in Tunisia. Geological Magazine, 2013, 150, 835-861.	0.9	50
40	Slab pull and indentation tectonics: insights from 3D laboratory experiments. Physics of the Earth and Planetary Interiors, 2005, 149, 99-113.	0.7	48
41	The transition between Makran subduction and the Zagros collision: recent advances in its structure and active deformation. Geological Society Special Publication, 2010, 330, 43-64.	0.8	47
42	Geometry and structural evolution of Lorbeus diapir, northwestern Tunisia: polyphase diapirism of the North African inverted passive margin. International Journal of Earth Sciences, 2014, 103, 881-900.	0.9	46
43	Quaternary stress regime change in the Hatay region (SE Turkey). Geophysical Journal International, 2002, 148, 649-662.	1.0	45
44	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
45	The North Anatolian Fault Zone: distributed Neogene deformation in its northward convex part. Tectonophysics, 1995, 243, 135-154.	0.9	42
46	Kâ€œAr age of the Ranau Tuffs: implications for the Ranau caldera emplacement and slip-partitioning in Sumatra (Indonesia). Tectonophysics, 1999, 312, 347-359.	0.9	40
47	Laboratory experiments of slab breakâ€œoff and slab dip reversal: insight into the Alpine Oligocene reorganization. Terra Nova, 2008, 20, 267-273.	0.9	40
48	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
49	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. Tectonophysics, 2014, 626, 120-136.	0.9	40
50	Evolution sedimentaire et tectonique du graben cenozoique de la Wei He (Province du Shaanxi, Chine) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.9	39
51	Geomorphic and structural variations along the Doruneh Fault System (central Iran). Tectonics, 2011, 30, .	1.3	38
52	First paleoseismological constraints on the strongest earthquake in France (Provence) in the twentieth century. Geology, 2005, 33, 901.	2.0	37
53	Reconstruction of the Provence Chain evolution, southeastern France. Tectonics, 2016, 35, 1506-1525.	1.3	37
54	Tectonic and sedimentary inheritance on the structural framework of Provence (SE France): Importance of the Salon-Cavaillon fault. Tectonophysics, 2011, 501, 1-16.	0.9	36

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55	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
56	Weathering-limited hillslope evolution in carbonate landscapes. <i>Earth and Planetary Science Letters</i> , 2016, 446, 10-20.	1.8	36
57	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
58	Is the Amik Basin (SE Turkey) a triple-junction area? Analyses of SPOT XS imagery and seismicity. <i>International Journal of Remote Sensing</i> , 2004, 25, 3857-3872.	1.3	34
59	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
60	Deciphering of six blocks of Gondwanan origin within Eastern Indonesia (South East Asia). <i>Gondwana Research</i> , 2010, 18, 420-437.	3.0	29
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	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
63	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
64	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
65	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
66	Normal faulting in the forearc of the Hellenic subduction margin: Paleearthquake history and kinematics of the Spili Fault, Crete, Greece. <i>Journal of Structural Geology</i> , 2014, 66, 298-308.	1.0	27
67	Slip-partitioning and fore-arc deformation at the Sunda Trench, Indonesia. <i>Terra Nova</i> , 1998, 10, 139-144.	0.9	26
68	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
69	The Binalud Mountains: A key piece for the geodynamic puzzle of NE Iran. <i>Tectonics</i> , 2012, 31, .	1.3	25
70	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
71	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
72	Present-day stress and deformation field within the Sulawesi Island area (Indonesia) : geodynamic implications. <i>Bulletin - Societe Geologique De France</i> , 2003, 174, 305-317.	0.9	24

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73	Structural style and evolution of the Pyrenean-Provence thrust belt, SE France. Bulletin - Societie Geologique De France, 2015, 186, 223-241.	0.9	24
74	Spatial variations in late Quaternary slip rates along the Doruneh Fault System (Central Iran). Tectonics, 2016, 35, 386-406.	1.3	24
75	Mesozoic halokinesis and basement inheritance in the eastern Provence fold-thrust belt, SE France. Tectonophysics, 2019, 766, 60-80.	0.9	24
76	Differential Exhumation Across the Longriba Fault System: Implications for the Eastern Tibetan Plateau. Tectonics, 2018, 37, 663-679.	1.3	23
77	Weak Tectono-Magmatic Relationships along an Obliquely Convergent Plate Boundary: Sumatra, Indonesia. Frontiers in Earth Science, 2018, 6, .	0.8	23
78	Transient landscape dynamics across the Southeastern Australian Escarpment. Earth and Planetary Science Letters, 2019, 506, 397-406.	1.8	23
79	Evidence for short-scale stress field variations within intraplate central-western France. Geophysical Journal International, 2004, 160, 161-178.	1.0	22
80	Limited influence of climatic gradients on the denudation of a Mediterranean carbonate landscape. Geomorphology, 2018, 316, 44-58.	1.1	22
81	Hillslope denudation and morphologic response to a rock uplift gradient. Earth Surface Dynamics, 2020, 8, 221-243.	1.0	20
82	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. Geomorphology, 2013, 189, 81-92.	1.1	19
83	The Longriq fault zone, eastern Tibetan Plateau: Segmentation and Holocene behavior. Tectonics, 2016, 35, 565-585.	1.3	19
84	Morphostructural evolution of the Luberon since the Miocene (SE France). Bulletin - Societie Geologique De France, 2011, 182, 95-110.	0.9	18
85	Morphological controls on the dynamics of carbonate landscapes under a mediterranean climate. Terra Nova, 2017, 29, 173-182.	0.9	17
86	First epoch geodetic GPS measurements across the Afar Plate Boundary Zone. Geophysical Research Letters, 1993, 20, 1899-1902.	1.5	16
87	The GROSMarin experiment: three dimensional crustal structure of the North Ligurian margin from refraction tomography and preliminary analysis of microseismic measurements. Bulletin - Societie Geologique De France, 2011, 182, 305-321.	0.9	16
88	Temporal and spatial changes of the submarine Cretaceous paleoslope in Northern Tunisia, inferred from slump folds analysis. Proceedings of the Geologists Association, 2018, 129, 40-56.	0.6	15
89	The kinematics of the Dasht-e Bayaz earthquake fault during Pliocene-Quaternary: Implications for the tectonics of eastern Central Iran. Tectonophysics, 2019, 772, 228-218.	0.9	15
90	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. International Journal of Disaster Risk Reduction, 2019, 41, 101301.	1.8	15

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91	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
92	MIOCENE NON-MARINE DIATOMS FROM THE WESTERN CORDILLERA BASINS OF NORTHERN PERU. <i>Diatom Research</i> , 1993, 8, 13-30.	0.5	14
93	Cronologie et cinématique post-oligocène des failles d'Aix et de la moyenne Durance (Provence, France). <i>Comptes Rendus - Geoscience</i> , 2005, 337, 375-384.	0.4	14
94	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
95	Interconnection salt diapiric allochthonous salt sheet in northern Tunisia: The Lansarine Baoula case study. <i>Journal of African Earth Sciences</i> , 2020, 170, 103876.	0.9	12
96	Short-term occupations at high elevation during the Middle Paleolithic at Kalavan 2 (Republic of Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	1.1	12
97	Deformation related to the 1994 Liwa Earthquake derived from geodetic measurements. <i>Geophysical Research Letters</i> , 1996, 23, 3055-3058.	1.5	11
98	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
99	Tectonic and geomorphic analysis of the Belledonne border fault and its extensions, Western Alps. <i>Tectonophysics</i> , 2015, 659, 31-52.	0.9	11
100	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
101	Extrusion tectonics and subduction in the eastern South Caspian region since 10 Ma: COMMENT. <i>Geology</i> , 2009, 37, e197-e198.	2.0	10
102	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
103	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
104	Quaternary deformation and stress perturbations along the Digne thrust front, Southwestern Alps. <i>Comptes Rendus - Geoscience</i> , 2012, 344, 205-213.	0.4	7
105	Lessons learned about the importance of raising risk awareness in the Mediterranean region (north) Tj ETQq1 1 0.784314 rgBT /Overl	1.5	7
106	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 - Societie Geologique De France</i> , 2011, 182, 323-336.	0.9	6
107	Seismo-tectonic Model for the Southern Pre-Rif Border (Northern Morocco): Insights From Morphochronology. <i>Tectonics</i> , 2021, 40, e2020TC006633.	1.3	6
108	Datation de surfaces geomorphologiques reperes par le 10 Be produit in-situ; implications tectoniques et climatiques. <i>Bulletin - Societie Geologique De France</i> , 2001, 172, 223-236.	0.9	5

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109	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
110	Tectonique active du Nord-Est de Sulawesi (Indonésie) et contrainte structural de la caldeira de Tondano. <i>Comptes Rendus De L'Académie Des Sciences Earth & Planetary Sciences Série II, Sciences De La Terre Et Des Planètes</i> , 1997, 325, 607-613.	0.2	4
111	Reconstructing human-environment interactions in the western Messara Plain (Phaistos, Crete). <i>Tj ETQq1 1 0.784314 rgBT /Overlock Reports</i> , 2019, 26, 101909.	0.2	4
112	Assessing post-pliocene 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
113	Thirty years of paleoseismic research in metropolitan France. <i>Comptes Rendus - Geoscience</i> , 2021, 353, 339-380.	0.4	3
114	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
115	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 Trevaresses anticline ». <i>Bulletin - Societe Geologique De France</i> , 2005, 176, 121-122.	0.9	2
116	Koszul duality theory for operads over Hopf algebras. <i>Algebraic and Geometric Topology</i> , 2014, 14, 1-35.	0.1	2
117	The Southern Atlas Front in Tunisia: Regional-Scale Geometry and Structural Evolution. <i>Regional Geology Reviews</i> , 2020, , 137-160.	1.2	2
118	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
119	Investigation of stochastic-threshold incision models across a climatic and morphological gradient. <i>Earth Surface Dynamics</i> , 2022, 10, 473-492.	1.0	2
120	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 Trevaresses. <i>Bulletin - Societe Geologique De France</i> , 2005, 176, 122-123.	0.9	1
121	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
122	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
123	Risque sismique dans les zones à sismicité modérée : de l'évaluation à la vulnérabilité. <i>Bulletin - Societe Geologique De France</i> , 2011, 182, 271-274.	0.9	0
124	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
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