

# Olivier Averbuch

## List of Publications by Year in descending order

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34  
papers

1,155  
citations

471061

17  
h-index

377514

34  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1147  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Late Frasnian Kellwasser horizons of the Harz Mountains (Germany): Two oxygen-deficient periods resulting from different mechanisms. <i>Chemical Geology</i> , 2006, 233, 137-155.	1.4	136
2	Magnetic fabric as a structural indicator of the deformation path within a fold-thrust structure: a test case from the Corbières (NE Pyrenees, France). <i>Journal of Structural Geology</i> , 1992, 14, 461-474.	1.0	121
3	Mountain building-enhanced continental weathering and organic carbon burial as major causes for climatic cooling at the Frasnian-Famennian boundary (c. 376 Ma)? <i>Terra Nova</i> , 2005, 17, 25-34.	0.9	105
4	Evidence for Late Devonian vertical movements and extensional deformation in northern Africa and Arabia: Integration in the geodynamics of the Devonian world. <i>Tectonics</i> , 2013, 32, 107-122.	1.3	80
5	First paleomagnetic evidence for a post-Eocene clockwise rotation of the Western Taurides thrust belt east of the Isparta reentrant (Southwestern Turkey). <i>Earth and Planetary Science Letters</i> , 1993, 117, 1-14.	1.8	78
6	Did a Katian large igneous province trigger the Late Ordovician glaciation?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 296, 310-319.	1.0	73
7	Iron availability as a dominant control on the primary composition and diagenetic overprint of organic-matter-rich rocks. <i>Chemical Geology</i> , 2015, 401, 67-82.	1.4	60
8	Deep-water anoxia over the Frasnian-Famennian boundary (La Serre, France): a tectonically induced oceanic anoxic event?. <i>Terra Nova</i> , 2004, 16, 288-295.	0.9	55
9	Dynamics and inversion of the Mesozoic Basin of the Weald-Boulonnais area: role of basement reactivation. <i>Tectonophysics</i> , 2003, 373, 161-179.	0.9	48
10	Variscan tectonics in the Holy Cross Mountains (Poland) and the role of structural inheritance during Alpine tectonics. <i>Tectonophysics</i> , 1999, 313, 171-186.	0.9	43
11	A record of glacial/interglacial alternations in Pleistocene sediments off New Jersey expressed by clay mineral, grain-size and magnetic susceptibility data. <i>Marine Geology</i> , 1999, 159, 79-92.	0.9	42
12	Diagenetic versus detrital origin of the magnetic susceptibility variations in some carbonate Frasnian-Famennian boundary sections from Northern Africa and Western Europe: implications for paleoenvironmental reconstructions. <i>International Journal of Earth Sciences</i> , 2010, 99, 57-73.	0.9	39
13	Is there a remnant Variscan subducted slab in the mantle beneath the Paris basin? Implications for the late Variscan lithospheric delamination process and the Paris basin formation. <i>Tectonophysics</i> , 2012, 558-559, 70-83.	0.9	30
14	Cinématique des déformations au sein d'un système chevauchant aveugle; l'exemple de la "Montagna dei Fiori" (front des Apennins centraux, Italie). <i>Bulletin - Société Géologique De France</i> , 1995, 166, 451-461.	0.9	26
15	Fabric development and metamorphic evolution of lower Palaeozoic slaty rocks from the Rocroi massif (French-Belgian Ardennes): new constraints from magnetic fabrics, phyllosilicate preferred orientation and illite crystallinity data. <i>Tectonophysics</i> , 1999, 309, 257-273.	0.9	22
16	Organic matter deposition in the Ghadames Basin (Libya) during the Late Devonian: A multidisciplinary approach. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 497, 37-51.	1.0	21
17	Chapter 8 Productivity and bottom water redox conditions at the Frasnian-Famennian boundary on both sides of the Eovariscan Belt: constraints from trace-element geochemistry. <i>Developments in Palaeontology and Stratigraphy</i> , 2005, 20, 199-224.	0.1	19
18	A genetic link between synsedimentary tectonics-expelled fluids, microbial sulfate reduction and cone-in-cone structures. <i>Marine and Petroleum Geology</i> , 2018, 93, 437-450.	1.5	16

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19	Early diagenetic carbonate bed formation at the sediment-water interface triggered by synsedimentary faults. <i>Chemical Geology</i> , 2012, 300-301, 1-13.	1.4	14
20	Early diagenetic formation of carbonates in a clastic-dominated ramp environment impacted by synsedimentary faulting-induced fluid seepage – Evidence from the Late Jurassic Boulonnais Basin (N France). <i>Journal of Structural Geology</i> , 2010, 32, 107-120.	0.9	10
21	Environmental changes at the Frasnian-Famennian boundary in Central Morocco (Northern France). <i>Journal of Structural Geology</i> , 2007, 29, 197-217.	0.8	13
22	Inversion tectonics at the northern margin of the Paris basin (northern France): new evidence from seismic profiles and boreholes interpolation in the Artois area. <i>Bulletin - Societe Geologique De France</i> , 2010, 181, 429-442.	0.9	13
23	Transpressional deformations at lateral boundaries of propagating thrust-sheets: the example of the Meuse Valley Recess within the Ardennes Variscan fold-and-thrust belt (N France-S Belgium). <i>Journal of Structural Geology</i> , 2005, 27, 1788-1802.	1.0	12
24	Oyster patch reefs as indicators of fossil hydrocarbon seeps induced by synsedimentary faults. <i>Marine and Petroleum Geology</i> , 2014, 55, 176-185.	1.5	12
25	The Basse-Normandie duplex (Boulonnais, N France): evidence for an out-of-sequence thrusting overprint. <i>Journal of Structural Geology</i> , 1998, 20, 33-42.	1.0	10
26	Early diagenesis of marine organic-matter and magnetic properties of sedimentary rocks: the role of iron limitation and organic-matter source organisms. <i>Bulletin - Societe Geologique De France</i> , 2002, 173, 295-306.	0.9	10
27	Structure of the Variscan Thrust Front in Northern France: New Insights From Seismic Reflection Profiles. <i>Tectonics</i> , 2021, 40, e2020TC006642.	1.3	10
28	The Variscan belt of Northern France-Southern Belgium: geodynamic implications of new palaeomagnetic data. <i>Tectonophysics</i> , 2000, 324, 57-80.	0.9	7
29	Geometry and kinematics of the Boulonnais fold-and-thrust belt (N France): implications for the dynamics of the Northern Variscan thrust front. <i>Geodinamica Acta</i> , 2004, 17, 163-178.	2.2	7
30	Syn-folding remagnetization events in the French-Belgium Variscan thrust front as markers of the fold-and-thrust belt kinematics. <i>Bulletin - Societe Geologique De France</i> , 2003, 174, 511-523.	0.9	6
31	Small-scaled lateral variations of an organic-rich formation in a ramp-type depositional environment (the Late Jurassic of the Boulonnais, France): impact of the clastic supply. <i>Bulletin - Societe Geologique De France</i> , 2017, 188, 31.	0.9	6
32	Zircon age of vaugnerite intrusives from the Central and Southern Vosges crystalline massif (E France). <i>Bulletin - Societe Geologique De France</i> , 2020, 191, 26.	0.9	4
33	Modelling the 3D geometry of the Dinantian carbonate geothermal reservoir in northern France. <i>Zeitschrift Der Deutschen Gesellschaft Fur Geowissenschaften</i> , 2021, , .	0.1	1
34	Palaeomagnetic dating of brittle tectonics structures: case studies on Ferques fault (Boulonnais, France). <i>Journal of Earth System Science</i> , 1999, 109, 495-502.	0.2	0