Michele Morsilli

List of Publications by Year
in descending order

43 papers	1,943 citations	331670 21 h-index	254184 43 g-index
44 all docs	44 docs citations	44 times ranked	2002 citing authors

#	Article	IF	Citations
1	Identifying triggers for liquefaction-induced soft-sediment deformation in sands. Sedimentary Geology, 2011, 235, 141-147.	2.1	289
2	Recognising triggers for soft-sediment deformation: Current understanding and future directions. Sedimentary Geology, 2011, 235, 133-140.	2.1	263
3	Internal waves, an under-explored source of turbulence events in the sedimentary record. Earth-Science Reviews, 2012, 111, 56-81.	9.1	202
4	Long-term event stratigraphy of the Apulia Platform margin (Upper Jurassic to Eocene, Gargano,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.6	112
5	Sediment resuspension and nepheloid layers induced by long internal solitary waves shoaling orthogonally on uniform slopes. Continental Shelf Research, 2014, 72, 21-33.	1.8	102
6	Seismically-induced slumps in Lower-Maastrichtian peritidal carbonates of the Apulian Platform (southern Italy). Sedimentary Geology, 2007, 196, 81-98.	2.1	70
7	The significance of giant seismites in the Plio-Pleistocene Baza palaeo-lake (S Spain). Terra Nova, 2010, 22, 172-179.	2.1	70
8	Mesophotic coral buildups in a prodelta setting (Late Eocene, southern Pyrenees, Spain): a mixed carbonateâ€“siliciclastic system. Sedimentology, 2012, 59, 766-794.	3.1	66
9	Determining the origin of softâ€sediment deformation structures: a case study from Upper Carboniferous delta deposits in southâ€west Wales, UK. Terra Nova, 2008, 20, 237-245.	2.1	64
10	Carbonate ramp evolution during the Late Oligocene (Chattian), Salento Peninsula, southern Italy. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 404, 109-132.	2.3	64
11	Internal waves vs. surface storm waves: a review on the origin of hummocky crossâ€stratification. Terra Nova, 2012, 24, 273-282.	2.1	55
12	Fully automated carbonate petrography using deep convolutional neural networks. Marine and Petroleum Geology, 2020, 122, 104687.	3.3	44
13	Deformed cross-stratified deposits in the Early Pleistocene tidally-dominated Catanzaro strait-fill succession, Calabrian Arc (Southern Italy): Triggering mechanisms and environmental significance. Sedimentary Geology, 2016, 344, 277-289.	2.1	43
14	U and Th content in the Central Apennines continental crust: A contribution to the determination of the geo-neutrinos flux at LNGS. Geochimica Et Cosmochimica Acta, 2011, 75, 2271-2294.	3.9	39
15	A facies model for internalites (internal wave deposits) on a gently sloping carbonate ramp (Upper) Tj ETQq1 1 0.784314 rgBT /Overlo	2.1	37
16	Depositional model for a prograding oolitic wedge, Upper Jurassic, Iberian basin. Marine and Petroleum Geology, 2015, 67, 556-582.	3.3	35
17	A Lower Cretaceous drowning unconformity on the eastern flank of the Apulia Platform (Gargano) Tj ETQq1 1 0.784314 rgBT /Overlo	1.4	33
18	Jurassic Dinosaur Footprints from Southern Italy: Footprints as Indicators of Constraints in Paleogeographic Interpretation. , 2005, 20, 534-550.		29

#	Article	IF	Citations
19	Drowned karst landscape offshore the Apulian margin (Southern Adriatic Sea, Italy). Journal of Cave and Karst Studies, 2012, 74, 197-212.	0.6	29
20	Massive bioconstructions built by Neopycnodonte cochlear (Mollusca, Bivalvia) in a mesophotic environment in the central Mediterranean Sea. Scientific Reports, 2020, 10, 6337.	3.3	25
21	Facies heterogeneity at interwell-scale in a carbonate ramp, Upper Jurassic, NE Spain. Marine and Petroleum Geology, 2013, 44, 140-163.	3.3	24
22	The Apulia Carbonate Platformâ€"Gargano Promontory, Italy (Upper Jurassicâ€"Eocene). AAPG Bulletin, 2017, 101, 523-531.	1.5	20
23	Sedimentary features influencing the occurrence and spatial variability of seismites (late Messinian,) Tj ETQq1 1 0.784314 rgBT /Overlo	2.1	18
24	Automicrite in a â€˜nummulite bankâ€™ from the Monte Saraceno (Southern Italy): evidence for synsedimentary cementation. Sedimentology, 2011, 58, 878-889.	3.1	17
25	Quantitative evaluation of the roles of ocean chemistry and climate on ooid size across the Phanerozoic: Global versus local controls. Sedimentology, 2022, 69, 2486-2506.	3.1	16
26	New species of Peregrinella(Brachiopoda) from the Lower Cretaceous of the Gargano Promontory (southern Italy). Cretaceous Research, 1999, 20, 641-654.	1.4	13
27	Quantifying the geometry and sediment fabric of linear slopes: examples from the Tertiary of Italy (Southern Alps and Gargano Promontory). Sedimentary Geology, 2002, 154, 11-30.	2.1	13
28	Quaternary transpression and lacustrine sedimentation in the San Lorenzo area (Sant'Arcangelo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	2.1	13
29	Toe-of-slope of a Cretaceous carbonate platform in outcrop, seismic model and offshore seismic data (Apulia, Italy). International Journal of Earth Sciences, 2002, 91, 315-330.	1.8	11
30	Palaeoecology of Chondrodonta (Bivalvia) from the lower Aptian (Cretaceous) Apulia Carbonate Platform (Gargano Promontory, southern Italy). Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 508, 188-201.	2.3	11
31	Development of a multiparametric characterisation protocol for chert investigation and application on the Gargano Promontory mines. Archaeological and Anthropological Sciences, 2019, 11, 6037-6063.	1.8	8
32	â€˜Isolated baseâ€ofâ€slope apronsâ€™: An oxymoron for shallowâ€marine fanâ€shaped, temperateâ€water, carbonate bodies along the southâ€east Salento escarpment (Pleistocene, Apulia, southern Italy). Sedimentology, 2022, 69, 345-371.	3.1	8
33	FISH FEEDING TRACES FROM MIDDLE EOCENE LIMESTONES (GARGANO PROMONTORY, APULIA, SOUTHERN) Tj ETQq1 1 0.784314 r	1.3	7
34	Reply to Shanmugam, G., comment on "Internal waves, an underexplored source of turbulence events in the sedimentary record" by Pomar et al. [Earth-Science Reviews, 111 (2012), 56â€"81], Earth Science Reviews (2012). Earth-Science Reviews, 2013, 116, 206-210.	9.1	7
35	Paleoecology and proliferation of the bivalve Chondrodonta joannae (Choffat) in the upper Cenomanian (Upper Cretaceous) Adriatic Carbonate Platform of Istria (Croatia). Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 548, 109703.	2.3	6
36	Softâ€sediment deformation structures in the Late Messinian Abu Madi Formation, onshore Nile Delta, Egypt: Triggers and tectonostratigraphic implications. Geological Journal, 2022, 57, 2302-2320.	1.3	6

#	Article	IF	Citations
37	Paleoenvironment and paleobiogeography of Lower Cretaceous carbonate successions of the northern Tethyan margin: Examples from Northeastern and Central Iran. Journal of Asian Earth Sciences, 2021, 213, 104752.	2.3	5
38	Proliferation of Chondrodonta as a proxy of environmental instability at the onset of OAE1a: Insights from shallowâ€water limestones of the Apulia Carbonate Platform. Sedimentology, 2021, 68, 3191-3227.	3.1	5
39	Internal waves as controlling factor in the development of stromatoporoid-rich facies of the Apulia Platform margin (Upper Jurassic-Lower Cretaceous, Gargano Promontory, Italy). Sedimentary Geology, 2019, 380, 1-20.	2.1	4
40	Interactions between sediment production and transport in the geometry of carbonate platforms: Insights from forward modeling of the Great Bank of Guizhou (Early to Middle Triassic), south China. Marine and Petroleum Geology, 2020, 118, 104416.	3.3	4
41	Rhodolith-rich lithofacies of the Porto Badisco Calcarenites (upper Chattian, Salento, southern) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.0	3
42	Oligocene and Miocene Global Spatial Trends of Shallow-Marine Carbonate Architecture. Journal of Geology, 2020, 128, 563-570.	1.4	2
43	Proliferation of Chondrodonta in upper Cenomanian shallow-water limestones of the Adriatic Carbonate Platform (Croatia) as a proxy of environmental instability. Cretaceous Research, 2022, 134, 105151.	1.4	2