

Tomislav MalviÄ

List of Publications by Year in descending order

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247
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | STRATIGRAPHY AND PETROLEUM GEOLOGY OF THE CROATIAN PART OF THE ADRIATIC BASIN. Journal of Petroleum Geology, 2015, 38, 281-300. | 1.5 | 25 |
| 2 | Review of Miocene shallow marine and lacustrine depositional environments in Northern Croatia. Geological Quarterly, 2012, 56, 493-504. | 0.2 | 23 |
| 3 | Neogene Tectonics in Croatian Part of the Pannonian Basin and Reflectance in Hydrocarbon Accumulations. , 0, , . | | 22 |
| 4 | Sedimentation of deep-water turbidites in the SW part of the Pannonian Basin. Geologica Carpathica, 2010, 61, 55-69. | 0.7 | 20 |
| 5 | Increased hydrocarbon recovery and CO2 management, a Croatian example. Environmental Earth Sciences, 2013, 68, 1187-1197. | 2.7 | 17 |
| 6 | Application of Neural Networks in Petroleum Reservoir Lithology and Saturation Prediction. Geologia Croatica, 2009, 62, 115-121. | 0.8 | 16 |
| 7 | Kriging with a Small Number of Data Points Supported by Jack-Knifing, a Case Study in the Sava Depression (Northern Croatia). Geosciences (Switzerland), 2019, 9, 36. | 2.2 | 16 |
| 8 | Reservoir Geology, Hydrocarbon Reserves and Production in the Croatian part of the Pannonian Basin. Geologia Croatica, 2012, 65, 91-101. | 0.8 | 16 |
| 9 | Selection of the most appropriate interpolation method for sandstone reservoirs in the KloÅ¡tar oil and gas field. Geologia Croatica, 2008, 61, 27-35. | 0.8 | 16 |
| 10 | Qualitativeâ€“Quantitative Analyses of the Influence of Depth and Lithological Composition on Lower Pontian Sandstone Porosity in the Central Part of Bjelovar Sag (Croatia). Geologia Croatica, 2005, 58, 73-85. | 0.8 | 14 |
| 11 | Geological maps of Neogene sediments in the Bjelovar Subdepression (northern Croatia). Journal of Maps, 2011, 7, 304-317. | 2.0 | 12 |
| 12 | Application of the Modified Shepardâ€™s Method (MSM): A Case Study with the Interpolation of Neogene Reservoir Variables in Northern Croatia. Stats, 2020, 3, 68-83. | 0.9 | 12 |
| 13 | Kriging, cokriging or stochastic simulations, and the choice between deterministic or sequential approaches. Geologia Croatica, 2008, 61, 37-47. | 0.8 | 12 |
| 14 | Stochastic simulations of dependent geological variables in sandstone reservoirs of Neogene age: A case study of KloÅ¡tar Field, Sava Depression. Geologia Croatica, 2011, 64, 173-183. | 0.8 | 11 |
| 15 | Increased hydrocarbon recovery and CO2 storage in Neogene sandstones, a Croatian example: part II. Environmental Earth Sciences, 2014, 71, 3641-3653. | 2.7 | 10 |
| 16 | The Advantages of Using Sequential Stochastic Simulations when Mapping Small-Scale Heterogeneities of the Groundwater Level. Journal of Environmental Geography, 2013, 6, 39-47. | 0.5 | 10 |
| 17 | Comparison between the Middle Miocene and the Upper Miocene source rock formations in the Sava Depression (Pannonian Basin, Croatia). Geologia Croatica, 2009, 62, 123-133. | 0.8 | 9 |
| 18 | Interpolation of Small Datasets in the Sandstone Hydrocarbon Reservoirs, Case Study of the Sava Depression, Croatia. Geosciences (Switzerland), 2019, 9, 201. | 2.2 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | A Practical guide to the superintendent of documents classification system. Government Publications Review (New York, N Y: 1982), 1986, 13, 800-801. | 0.1 | 8 |
| 20 | Neural networks in petroleum geology as interpretation tools. Central European Geology, 2010, 53, 97-115. | 0.4 | 8 |
| 21 | Relations between effective thickness, gas production and porosity in heterogeneous reservoirs: an example from the Molve Field, Croatian Pannonian Basin. Petroleum Geoscience, 2010, 16, 41-51. | 1.5 | 8 |
| 22 | Palinspastic reconstruction of syndimentary tectonics of Neogene and Quaternary sediments in the KloÄžtar Field (Sava Depression, Pannonian Basin, Croatia). Zeitschrift Der Deutschen Gesellschaft Fur Geowissenschaften, 2011, 162, 193-201. | 0.4 | 7 |
| 23 | Sequential Indicator Simulations maps of porosity, depth and thickness of Miocene clastic sediments in the KloÄžtar field, Northern Croatia. Journal of Maps, 2013, 9, 550-557. | 2.0 | 7 |
| 24 | Regional turbidites and turbiditic environments developed during Neogene and Quaternary in Croatia. Materials and Geoenvironment, 2016, 63, 39-54. | 0.2 | 7 |
| 25 | Thickness maps of Neogene and Quaternary sediments in the KloÄžtar Field (Sava Depression, Croatia). Journal of Maps, 2012, 8, 260-266. | 2.0 | 6 |
| 26 | Increasing Efficiency of Field Water Re-Injection during Water-Flooding in Mature Hydrocarbon Reservoirs: A Case Study from the Sava Depression, Northern Croatia. Sustainability, 2020, 12, 786. | 3.2 | 6 |
| 27 | Low permeability Neogene lithofacies in Northern Croatia as potential unconventional hydrocarbon reservoirs. Open Geosciences, 2014, 6, 182-194. | 1.7 | 5 |
| 28 | Remapping of depth of e-log markers between Neogene basement and Lower/Upper Pannonian border in the Bjelovar Subdepression. Journal of Maps, 2016, 12, 45-52. | 2.0 | 5 |
| 29 | Application of the Radial Basis Function interpolation method in selected reservoirs of the Croatian part of the Pannonian Basin System. Mining of Mineral Deposits, 2020, 14, 37-42. | 2.8 | 5 |
| 30 | Geological probability calculation of new gas discoveries in wider area of Ivana and Ika Gas Fields, Northern Adriatic, Croatia. Materials and Geoenvironment, 2016, 63, 127-138. | 0.2 | 4 |
| 31 | Geological Probability of Success (POS), case study in the Late Miocene structures of the western part of the Sava Depression, Croatia. Arabian Journal of Geosciences, 2020, 13, 1. | 1.3 | 4 |
| 32 | Geological Risk Calculation through Probability of Success (PoS), Applied to Radioactive Waste Disposal in Deep Wells: A Conceptual Study in the Pre-Neogene Basement in the Northern Croatia. Processes, 2020, 8, 755. | 2.8 | 4 |
| 33 | Morphometric Characteristics, Shapes and Provenance of Holocene Pebbles from the Sava River Gravels (Zagreb, Croatia). Geosciences (Switzerland), 2020, 10, 92. | 2.2 | 4 |
| 34 | Stochastic â€œ advantages and uncertainties for subsurface geological mapping and volumetric or probability calculation. Materials and Geoenvironment, 2018, 65, 9-20. | 0.2 | 4 |
| 35 | Local sediment sources and palaeoflow directions in Upper Miocene turbidites of the Pannonian Basin System (Croatian part), based on mapping of reservoir properties. Geological Quarterly, 2012, 56, . | 0.2 | 4 |
| 36 | Plioceneâ€œQuaternary stratigraphy and sedimentation at the Neretva River Mouth, on the Croatian Adriatic Coast. Geological Quarterly, 2013, 57, 233-242. | 0.2 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Distribution of potentially toxic metals (As, Cu, Hg, Pb and Zn) in the topsoil of the Pannonian Basin System and associated parts of the surrounding orogens. <i>Journal of Maps</i> , 2016, 12, 968-974. | 2.0 | 3 |
| 38 | Application of the bootstrap method in low-sampled Upper Miocene sandstone hydrocarbon reservoirs: a case study. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-15. | 2.3 | 3 |
| 39 | Small Unconventional Hydrocarbon Gas Reservoirs as Challenging Energy Sources, Case Study from Northern Croatia. <i>Energies</i> , 2021, 14, 3503. | 3.1 | 3 |
| 40 | STATISTICAL ANALYSIS OF DIPMETER LOGS FROM EXPLORATION WELLS IN THE DRAVA DEPRESSION, NORTHERN CROATIA. <i>Journal of Petroleum Geology</i> , 2012, 35, 343-356. | 1.5 | 2 |
| 41 | Određivanje novih pliocenskih, pleistocenskih i holocenskih litostratigrafskih jedinica u hrvatskom dijelu Jadrana (priobalju). <i>Geoadria</i> , 2016, 20, . | 0.3 | 2 |
| 42 | The Universal Kriging Mapping of the Neogene EL-markers Rs5 and Î”, Northern Croatia. <i>Materials and Geoenvironment</i> , 2018, 65, 187-198. | 0.2 | 2 |
| 43 | Unconventional hydrocarbon resources of the Bjelovar Subdepression (Pannonian Basin System) in Croatia: an overview. <i>Geologica Carpathica</i> , 2012, 63, 481-489. | 0.7 | 2 |
| 44 | Prospects for CO2 carbonation and storage in Upper Miocene sandstone of Sava Depression, Croatia. <i>Geological Quarterly</i> , 2015, , . | 0.2 | 2 |
| 45 | Nearshore Pelagic Influence at the SW Margin of the Paratethys Sea—Examples from the Miocene of Croatia. <i>Geosciences (Switzerland)</i> , 2022, 12, 120. | 2.2 | 2 |
| 46 | Recent Advances in Geomathematics in Croatia: Examples from Subsurface Geological Mapping and Biostatistics. <i>Geosciences (Switzerland)</i> , 2020, 10, 188. | 2.2 | 1 |
| 47 | Modeling of the Geological Probability Procedure for the Prediction of High Flows in Small Streams, Case Study of Medvednica Mt., Croatia. <i>Hydrology</i> , 2021, 8, 83. | 3.0 | 1 |
| 48 | Interpretation of Chemical Analyses and Cement Modules in Flysch by (Geo)Statistical Methods, Example from the Southern Croatia. <i>Processes</i> , 2022, 10, 813. | 2.8 | 1 |
| 49 | Volcanoes. , 2002, , 79-147. | | 0 |
| 50 | Characterization of clastic sedimentary environments by clustering algorithm and several statistical approaches — case study, Sava Depression in Northern Croatia. <i>Central European Geology</i> , 2013, 56, 281-296. | 0.4 | 0 |