# Alexander B Klimchouk

List of Publications by Year
in descending order



| 48 | 850 | 471371 17 | 526166 27 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 51 | 51 | 51 | 613 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Morphogenesis of hypogenic caves. Geomorphology, 2009, 106, 100-117. | 1.1 | 131 |
| 2 | Hypogenic origin, geologic controls and functional organization of a giant cave system in Precambrian carbonates, Brazil. Geomorphology, 2016, 253, 385-405. | 1.1 | 68 |
| 3 | Superposed folding and associated fracturing influence hypogene karst development in Neoproterozoic carbonates, SÃ£o Francisco Craton, Brazil. Tectonophysics, 2016, 666, 244-259. | 0.9 | 41 |
| 4 | Gypsum karst of the world: a brief overview. International Journal of Speleology, 1996, 25, 159-181. | 0.4 | 35 |
| 5 | Conduit evolution in deepâ€seated settings: Conceptual and numerical models based on field observations. Water Resources Research, 2008, 44, . | 1.7 | 32 |
| 6 | Hydrochemistry and solution rates in gypsum karst: case study from the Western Ukraine. Environmental Geology, 2005, 48, 307-319. | 1.2 | 30 |
| 7 | Dissolution of gypsum from field observations. International Journal of Speleology, 1996, 25, 37-48. | 0.4 | 30 |
| 8 | Speleogenetic effects of interaction between deeply derived fracture-conduit flow and intrastratal matrix flow in hypogene karst settings. International Journal of Speleology, 2012, 41, 161-179. | 0.4 | 27 |
| 9 | Karst breakdown mechanisms from observations in the gypsum caves of the Western Ukraine: implications for subsidence hazard assessment. International Journal of Speleology, 2002, 31, 55-88. | 0.4 | 26 |
| 10 | Stable isotopic composition of atmospheric precipitation on the Crimean Peninsula and its controlling factors. Journal of Hydrology, 2018, 565, 61-73. | 2.3 | 25 |
| 11 | Mechanisms of karst breakdown formation in the gypsum karst of the fore-Ural region, Russia (from) Tj ETQq1 1 0.784314 rgBT /Over | 0.4 | 25 |
| 12 | Sulphate rocks as an arena for karst development. International Journal of Speleology, 1996, 25, 9-20. | 0.4 | 24 |
| 13 | Geomicrobiology and Redox Geochemistry of the Karstified Miocene Gypsum Aquifer, Western Ukraine: The Study from Zoloushka Cave. Geomicrobiology Journal, 2001, 18, 275-295. | 1.0 | 21 |
| 14 | Karst breakdown mechanisms from observations in the gypsum caves of the Western Ukraine: implications for subsidence hazard assessment. Environmental Geology, 2005, 48, 336-359. | 1.2 | 20 |
| 15 | The typology of gypsum karst according to its geological and geomorphological evolution. International Journal of Speleology, 1996, 25, 49-60. | 0.4 | 20 |
| 16 | Influence of fracture stratigraphy on hypogene cave development and fluid flow anisotropy in layered carbonates, NE Brazil. Marine and Petroleum Geology, 2020, 114, 104207. | 1.5 | 19 |
| 17 | Types and Settings of Hypogene Karst. Cave and Karst Systems of the World, 2017, , 1-39. | 0.1 | 18 |
| 18 | Gypsum karst in the Western Ukraine. International Journal of Speleology, 1996, 25, 263-278. | 0.4 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Speleogenesis, Hypogenic. , 2012, , 748-765. | | 17 |
| 20 | The role of karst in the genesis of sulfur deposits, Pre-Carpathian region, Ukraine. Environmental Geology, 1997, 31, 1-20. | 1.2 | 15 |
| 21 | Breakdown development in cover beds, and landscape features induced by intrastratal gypsum karst. International Journal of Speleology, 1996, 25, 127-144. | 0.4 | 15 |
| 22 | Environmental problems in gypsum karst terrains. International Journal of Speleology, 1996, 25, 145-156. | 0.4 | 15 |
| 23 | Unconfined versus confined speleogenetic settings: variations of solution porosity. International Journal of Speleology, 2006, 35, 19-24. | 0.4 | 15 |
| 24 | Subsidence hazards in different types of karst: evolutionary and speleogenetic approach. Environmental Geology, 2005, 48, 287-295. | 1.2 | 14 |
| 25 | Isotope wallrock alteration associated with hypogene karst of the Crimean Piedmont, Ukraine. Chemical Geology, 2014, 377, 31-44. | 1.4 | 14 |
| 26 | Gypsum karst in the western Ukraine: Hydrochemistry and solution rates. Carbonates and Evaporites, 2002, 17, 142-153. | 0.4 | 13 |
| 27 | 6.19 Hypogene Speleogenesis. , 2013, , 220-240. | | 13 |
| 28 | The Karst Paradigm: Changes, Trends and Perspectives. Acta Carsologica, 2016, 44, . | 0.3 | 12 |
| 29 | Conceptualisation of speleogenesis in multi-storey artesian systems: a model of transverse speleogenesis. International Journal of Speleology, 2005, 34, 45-64. | 0.4 | 10 |
| 30 | Tafoni and honeycomb structures as indicators of ascending fluid flow and hypogene karstification. Geological Society Special Publication, 2018, 466, 79-105. | 0.8 | 9 |
| 31 | Groundwater of the Crimean peninsula: a first systematic study using stable isotopes. Isotopes in Environmental and Health Studies, 2019, 55, 419-437. | 0.5 | 7 |
| 32 | Chernobyl radiocaesium in a karst system, Marble Cave, Crimea. Environmental Geology, 1996, 28, 161-166. | 1.2 | 6 |
| 33 | Hydrogeology of gypsum formations. International Journal of Speleology, 1996, 25, 83-89. | 0.4 | 6 |
| 34 | Influence of initial aperture variability on conduit development in hypogene settings. Zeitschrift FÃ¼r Geomorphologie, 2010, 54, 237-258. | 0.3 | 5 |
| 35 | 6.34 Evolution of Intrastratal Karst and Caves in Gypsum. , 2013, , 438-450. | | 5 |
| 36 | Origin and Evolution of Toca da Boa Vista and Toca da Barriguda Cave System in North-eastern Brazil. Cave and Karst Systems of the World, 2017, , 827-840. | 0.1 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Speleogenesisâ€”HypogenÐµ. , 2019, , 974-988. | | 5 |
| 38 | AladaÄŸlar Mountain Range: A Landscape-Shaped by the Interplay of Glacial, Karstic, and Fluvial Erosion. World Geomorphological Landscapes, 2019, , 423-435. | 0.1 | 5 |
| 39 | Krubera (Voronja) Cave. , 2012, , 443-450. | | 5 |
| 40 | Subsidence hazards in different types of karst: evolutionary and speleogenetic approach. International Journal of Speleology, 2002, 31, 5-18. | 0.4 | 5 |
| 41 | Hypogenic Karst and Its Implications for Minnesota Hydrogeology. , 2008, , . | | 4 |
| 42 | Gypsum Karst in the Southwest Outskirts of the Eastern European Platform (Western Ukraine): A Type Region of Artesian Transverse Speleogenesis. Cave and Karst Systems of the World, 2017, , 363-385. | 0.1 | 3 |
| 43 | Ukraine Giant Gypsum Caves. , 2012, , 827-833. | | 3 |
| 44 | Hypogene Speleogenesis in the Crimean Piedmont, the Crimea Peninsula. Cave and Karst Systems of the World, 2017, , 407-430. | 0.1 | 2 |
| 45 | Gypsum Caves. , 2012, , 364-373. | | 2 |
| 46 | Gypsum karst of the Eastern-European Plain. International Journal of Speleology, 1996, 25, 251-261. | 0.4 | 2 |
| 47 | Zoloushka Cave (Ukraineâ€“Moldova)â€”A Prime Example of Hypogene Artesian Speleogenesis in Gypsum. Cave and Karst Systems of the World, 2017, , 387-406. | 0.1 | 1 |
| 48 | Ferruginous accumulations in hypogene karst conduits of Crimean Piedmont: Evidence for a deep iron source for the Kerch-Taman iron-ore province, north Black Sea region. Marine and Petroleum Geology, 2021, 127, 104954. | 1.5 | 1 |