

Ivan Horacek

List of Publications by Year in descending order

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67
papers

1,613
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331670

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345221

36
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times ranked

2163
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Disease alters macroecological patterns of North American bats. <i>Global Ecology and Biogeography</i> , 2015, 24, 741-749. | 5.8 | 206 |
| 2 | Molecular architecture of <i>Pipistrellus pipistrellus</i> / <i>Pipistrellus pygmaeus</i> complex (Chiroptera): Phylogenetics and Evolution, 2004, 32, 1023-1035. | 2.7 | 106 |
| 3 | Dual epithelial origin of vertebrate oral teeth. <i>Nature</i> , 2008, 455, 795-798. | 27.8 | 85 |
| 4 | Increasing Incidence of <i>Geomyces destructans</i> Fungus in Bats from the Czech Republic and Slovakia. <i>PLoS ONE</i> , 2010, 5, e13853. | 2.5 | 85 |
| 5 | An integrated rock-magnetic and geochemical approach to loess/paleosol sequences from Bohemia and Moravia (Czech Republic): Implications for the Upper Pleistocene paleoenvironment in central Europe. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 418, 344-358. | 2.3 | 58 |
| 6 | Development and evolution of the vertebrate primary mouth. <i>Journal of Anatomy</i> , 2013, 222, 79-99. | 1.5 | 53 |
| 7 | Long-term re-use of tree roosts by European forest bats. <i>Forest Ecology and Management</i> , 2009, 258, 1301-1306. | 3.2 | 49 |
| 8 | GENERIC STATUS OF THE AMERICAN PIPISTRELLES (VESPERTILIONIDAE) WITH DESCRIPTION OF A NEW GENUS. <i>Journal of Mammalogy</i> , 2006, 87, 981-992. | 1.3 | 46 |
| 9 | Viperous fangs: Development and evolution of the venom canal. <i>Mechanisms of Development</i> , 2008, 125, 786-796. | 1.7 | 38 |
| 10 | Testing hypotheses of bat baculum function with 3D models derived from microCT. <i>Journal of Anatomy</i> , 2015, 226, 229-235. | 1.5 | 37 |
| 11 | The advertisement song of <i>Pipistrellus nathusii</i> (Chiroptera, Vespertilionidae): a complex message containing acoustic signatures of individuals. <i>Acta Chiropterologica</i> , 2008, 10, 103-126. | 0.6 | 35 |
| 12 | Tooth development in a model reptile: functional and null generation teeth in the gecko <i>Paroedura picta</i> . <i>Journal of Anatomy</i> , 2012, 221, 195-208. | 1.5 | 35 |
| 13 | Embryonic development of the monitor lizard, <i>Varanus indicus</i> . <i>Amphibia - Reptilia</i> , 2012, 33, 451-468. | 0.5 | 32 |
| 14 | Paleolithic hunting in a southern Moravian landscape: The case of Milovice IV, Czech Republic. <i>Geoarchaeology - an International Journal</i> , 2011, 26, 838-866. | 1.5 | 29 |
| 15 | Snežna jama (Slovenia): Interdisciplinary dating of cave sediments and implication for landscape evolution. <i>Geomorphology</i> , 2015, 247, 10-24. | 2.6 | 29 |
| 16 | Molecules, morphometrics and new fossils provide an integrated view of the evolutionary history of <i>Rhinopomatidae</i> (Mammalia: Chiroptera). <i>BMC Evolutionary Biology</i> , 2007, 7, 165. | 3.2 | 28 |
| 17 | Syntopic Occurrence in Turkey Supports Separate Species Status for <i>Miniopterus schreibersii schreibersii</i> and <i>M. schreibersii pallidus</i> (Mammalia: Chiroptera). <i>Acta Chiropterologica</i> , 2012, 14, 279-289. | 0.6 | 28 |
| 18 | Pre-oral gut contributes to facial structures in non-teleost fishes. <i>Nature</i> , 2017, 547, 209-212. | 27.8 | 27 |

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|----|--|-----|-----------|
| 19 | Late glacial climatic and environmental changes in eastern-central Europe: Correlation of multiple biotic and abiotic proxies from the Lake Ávarcenberg, Czech Republic. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 396, 155-172. | 2.3 | 25 |
| 20 | DolnŃ-VŃstonice IIa: Gravettian microstratigraphy, environment, and the origin of baked clay production in Moravia. <i>Quaternary International</i> , 2015, 359-360, 195-210. | 1.5 | 25 |
| 21 | Highly divergent lineage of narrow-headed vole from the Late Pleistocene Europe. <i>Scientific Reports</i> , 2019, 9, 17799. | 3.3 | 25 |
| 22 | The Egyptian fruit bat <i>Rousettus aegyptiacus</i> (Chiroptera: Pteropodidae) in the Palaearctic: Geographical variation and taxonomic status. <i>Biologia (Poland)</i> , 2012, 67, 1230-1244. | 1.5 | 23 |
| 23 | Diverse responses of common vole (<i>Microtus arvalis</i>) populations to Late Glacial and Early Holocene climate changes – Evidence from ancient DNA. <i>Quaternary Science Reviews</i> , 2020, 233, 106239. | 3.0 | 23 |
| 24 | Reproductive seasonality of the Egyptian fruit bat (<i>Rousettus aegyptiacus</i>) at the northern limits of its distribution. <i>Journal of Mammalogy</i> , 2014, 95, 1036-1042. | 1.3 | 22 |
| 25 | Alcathoe Bat (<i>Myotis alcathoe</i>) in the Czech Republic: Distributional Status, Roosting and Feeding Ecology. <i>Acta Chiropterologica</i> , 2009, 11, 61-69. | 0.6 | 21 |
| 26 | Phenotypic diversification and island evolution of pipistrelle bats (<i>Pipistrellus pipistrellus</i> group) in the Mediterranean region inferred from geometric morphometrics and molecular phylogenetics. <i>Journal of Biogeography</i> , 2011, 38, 2091-2105. | 3.0 | 21 |
| 27 | Spatial activity and feeding ecology of the endangered northern population of the Egyptian fruit bat (<i>Rousettus aegyptiacus</i>). <i>Journal of Mammalogy</i> , 2016, 97, 815-822. | 1.3 | 21 |
| 28 | Deeply torpid bats can change position without elevation of body temperature. <i>Journal of Thermal Biology</i> , 2017, 63, 119-123. | 2.5 | 21 |
| 29 | <i>Craseonycteris thonglongyai</i> (Chiroptera: Craseonycteridae) is a Rhinolophoid: Molecular Evidence from Cytochrome <i>b</i> . <i>Acta Chiropterologica</i> , 2002, 4, 107-120. | 0.6 | 20 |
| 30 | Environmental margin and island evolution in <i>Middle Eastern</i> populations of the Egyptian fruit bat. <i>Molecular Ecology</i> , 2012, 21, 6104-6116. | 3.9 | 20 |
| 31 | Late Pleistocene-Holocene paleobiogeography of the genus <i>Apodemus</i> in Central Europe. <i>PLoS ONE</i> , 2017, 12, e0173668. | 2.5 | 20 |
| 32 | Mating System of a Migratory Bat, Nathusius' Pipistrelle (<i>Pipistrellus nathusii</i>): Different Male Strategies. <i>Acta Chiropterologica</i> , 2011, 13, 123-137. | 0.6 | 19 |
| 33 | Circum-Mediterranean phylogeography of a bat coupled with past environmental niche modeling: A new paradigm for the recolonization of Europe?. <i>Molecular Phylogenetics and Evolution</i> , 2016, 99, 323-336. | 2.7 | 19 |
| 34 | Golden jackal (<i>Canis aureus</i>) in the Czech Republic: the first record of a live animal and its long-term persistence in the colonized habitat. <i>ZooKeys</i> , 2016, 641, 151-163. | 1.1 | 17 |
| 35 | Habitat use, but not gene flow, is influenced by human activities in two ecotypes of Egyptian fruit bat (<i>Rousettus aegyptiacus</i>). <i>Molecular Ecology</i> , 2017, 26, 6224-6237. | 3.9 | 17 |
| 36 | Natural selection in bats with historical exposure to white-nose syndrome. <i>BMC Zoology</i> , 2018, 3, . | 1.0 | 17 |

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|----|---|-----|-----------|
| 37 | MicroCT Imaging Reveals Morphometric Baculum Differences for Discriminating the Cryptic Species <i>Pipistrellus pipistrellus</i> and <i>P. pygmaeus</i> . <i>Acta Chiropterologica</i> , 2014, 16, 157-168. | 0.6 | 16 |
| 38 | Late Glacial and Holocene sequences in rockshelters and adjacent wetlands of Northern Bohemia, Czech Republic: Correlation of environmental and archaeological records. <i>Quaternary International</i> , 2018, 465, 234-250. | 1.5 | 16 |
| 39 | Pan African phylogeography and palaeodistribution of rousettine fruit bats: Ecogeographic correlation with Pleistocene climate vegetation cycles. <i>Journal of Biogeography</i> , 2019, 46, 2336-2349. | 3.0 | 14 |
| 40 | Spatial networks differ when food supply changes: Foraging strategy of Egyptian fruit bats. <i>PLoS ONE</i> , 2020, 15, e0229110. | 2.5 | 14 |
| 41 | Mammalian enamel maturation: Crystallographic changes prior to tooth eruption. <i>PLoS ONE</i> , 2017, 12, e0171424. | 2.5 | 12 |
| 42 | Karst sediments in Slovenia: Plio-Quaternary multi-proxy records. <i>Quaternary International</i> , 2020, 546, 4-19. | 1.5 | 12 |
| 43 | Holocene succession and biogeographical importance of mollusc fauna in the Western Sudetes (Czech Republic). <i>Quaternary International</i> , 2014, 353, 210-224. | 1.5 | 11 |
| 44 | The BAARA (Biological AutomAted RAdiotracking) System: A New Approach in Ecological Field Studies. <i>PLoS ONE</i> , 2015, 10, e0116785. | 2.5 | 11 |
| 45 | Enamel microarchitecture of a tribosphenic molar. <i>Journal of Morphology</i> , 2010, 271, 1204-1218. | 1.2 | 10 |
| 46 | From Mesolithic hunters to Iron Age herders: a unique record of woodland use from eastern central Europe (Czech Republic). <i>Vegetation History and Archaeobotany</i> , 2021, 30, 269-286. | 2.1 | 10 |
| 47 | History of the <i>Pipistrellus pipistrellus</i> group in Central Europe in light of its fossil record. <i>Acta Chiropterologica</i> , 2005, 7, 189-204. | 0.6 | 9 |
| 48 | Enamel apatite crystallinity significantly contributes to mammalian dental adaptations. <i>Scientific Reports</i> , 2018, 8, 5544. | 3.3 | 9 |
| 49 | Carnivore distribution across habitats in a central-European landscape: a camera trap study. <i>ZooKeys</i> , 2018, 770, 227-246. | 1.1 | 9 |
| 50 | Late Cenozoic History of the Genus <i>Micromys</i> (Mammalia, Rodentia) in Central Europe. <i>PLoS ONE</i> , 2013, 8, e62498. | 2.5 | 9 |
| 51 | The Trabecula cranii: development and homology of an enigmatic vertebrate head structure. <i>Animal Biology</i> , 2006, 56, 503-518. | 1.0 | 8 |
| 52 | Foraging Habitat, Home-Range Size and Diet of a Mediterranean Bat Species, Savi's Pipistrelle. <i>Acta Chiropterologica</i> , 2019, 20, 351. | 0.6 | 8 |
| 53 | Pliocene to Holocene chronostratigraphy and palaeoenvironmental records from cave sediments: Raška pešina section (SW Slovenia). <i>Quaternary International</i> , 2021, 605-606, 5-24. | 1.5 | 7 |
| 54 | Postglacial recolonization and Holocene diversification of <i>Crocidura suaveolens</i> (Mammalia, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 T 190, 1-10. | 3.0 | 6 |

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|----|---|-----|-----------|
| 55 | Comments on the Weichselian small mammal assemblages in Czechoslovakia and their stratigraphical interpretation. <i>Neues Jahrbuch für Geologie Und Paläontologie</i> , 1984, 1984, 560-576. | 0.3 | 6 |
| 56 | Cryptic sympatric diversity in <i>Emballonura alecto</i> : further bat species?. <i>Acta Chiropterologica</i> , 2006, 8, 537-542. | 0.6 | 4 |
| 57 | Mouth development in the Senegal bichir <i>Polypterus senegalus</i> does not involve the oropharyngeal membrane: possible implications for the ecto-endoderm boundary and tooth initiation. <i>Journal of Applied Ichthyology</i> , 2010, 26, 179-182. | 0.7 | 4 |
| 58 | Why tribosphenic? On variation and constraint in developmental dynamics of chiropteran molars*. , 0, , 410-455. | | 4 |
| 59 | Biostratigraphic Investigations in Paleokarst. <i>Developments in Earth Surface Processes</i> , 1989, 1, 599-612. | 2.8 | 4 |
| 60 | Note: Have Black Rats Evolved a Culturally-Transmitted Technique of Pinecone Opening Independently in Cyprus and Israel?. <i>Israel Journal of Ecology and Evolution</i> , 2006, 52, 151-158. | 0.6 | 3 |
| 61 | Comments on Welwitsch's mouse-eared bat (<i>Myotis welwitschii</i>) with the first record from Cameroon. <i>Mammalian Biology</i> , 2006, 71, 120-123. | 1.5 | 3 |
| 62 | Influence of sample preparation on the microstructure of tooth enamel apatite. <i>Journal of Applied Crystallography</i> , 2015, 48, 763-768. | 4.5 | 3 |
| 63 | Paleokarst of Czechoslovakia. <i>Developments in Earth Surface Processes</i> , 1989, 1, 107-135. | 2.8 | 3 |
| 64 | Large-scale spatial patterns of small-mammal communities in the Mediterranean region revealed by Barn owl diet. <i>Scientific Reports</i> , 2021, 11, 4985. | 3.3 | 2 |
| 65 | Přítek, Levousy a Chlumčany – významné fosiliferné středopleistocénní lokality na pravém břehu Ohře mezi Louny a Libochovicemi [Přítek, Levousy and Chlumčany – important mid-pleistocene localities on the right bank of the Ohře River between Louny and Libochovice]. <i>Malacologica Bohemoslovaca</i> , 0, 3, 149-172. | 3.0 | 2 |
| 66 | Special Characteristics of Paleokarst Studies. <i>Developments in Earth Surface Processes</i> , 1989, , 565-568. | 2.8 | 2 |
| 67 | Přítek, Levousy a Chlumčany – významné fosiliferné středopleistocénní lokality na pravém břehu Ohře mezi Louny a Libochovicemi [Přítek, Levousy and Chlumčany – important mid-pleistocene localities on the right bank of the Ohře River between Louny and Libochovice]. <i>Malacologica Bohemoslovaca</i> , 0, 3, 149-172. | 3.0 | 0 |