# Olga Otero

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6285547/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 48 papers | 2,332 citations | 394421 19 h-index | 214800 47 g-index |
| 58 all docs | 58 docs citations | 58 times ranked | 2040 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A new hominid from the Upper Miocene of Chad, Central Africa. Nature, 2002, 418, 145-151. | 27.8 | 937 |
| 2 | Geology and palaeontology of the Upper Miocene Toros-Menalla hominid locality, Chad. Nature, 2002, 418, 152-155. | 27.8 | 426 |
| 3 | Palaeoichthyofaunas from the Lower Oligocene and Miocene of the Arabian Plate: palaeoecological and palaeobiogeographical implications. Palaeogeography, Palaeoclimatology, Palaeoecology, 2001, 165, 141-169. | 2.3 | 82 |
| 4 | Anatomy, systematics and phylogeny of both Recent and fossil latid fishes (Teleostei, Perciformes,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 2.3 | 59 |
| 5 | Freshwater fish Î´18O indicates a Messinian change of the precipitation regime in Central Africa. Geology, 2011, 39, 435-438. | 4.4 | 58 |
| 6 | Phosphate Luâ€“Hf geochronology. Chemical Geology, 2003, 200, 241-253. | 3.3 | 57 |
| 7 | Oxygen isotope fractionation between apatite-bound carbonate and water determined from controlled experiments with synthetic apatites precipitated at 10â€“37Â°C. Geochimica Et Cosmochimica Acta, 2010, 74, 2072-2081. | 3.9 | 50 |
| 8 | Carbon and oxygen isotope fractionations between aragonite and calcite of shells from modern molluscs. Chemical Geology, 2012, 332-333, 92-101. | 3.3 | 48 |
| 9 | The phylogenetic origin and evolution of acellular bone in teleost fishes: insights into osteocyte function in bone metabolism. Biological Reviews, 2019, 94, 1338-1363. | 10.4 | 38 |
| 10 | New Oligocene vertebrate localities from Northern Kenya (Turkana basin). Journal of Vertebrate Paleontology, 2010, 30, 293-299. | 1.0 | 34 |
| 11 | The Phylogenetic Intrarelationships of Spiny-Rayed Fishes (Acanthomorpha, Teleostei, Actinopterygii): Fossil Taxa Increase the Congruence of Morphology with Molecular Data. Frontiers in Ecology and Evolution, 2016, 4, . | 2.2 | 32 |
| 12 | A large-scale phylogeny of Synodontis (Mochokidae, Siluriformes) reveals the influence of geological events on continental diversity during the Cenozoic. Molecular Phylogenetics and Evolution, 2013, 66, 1027-1040. | 2.7 | 31 |
| 13 | Fishes and palaeogeography of the African drainage basins: Relationships between Chad and neighbouring basins throughout the Mio-Pliocene. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 274, 134-139. | 2.3 | 30 |
| 14 | A new polypterid fish: Polypterus faraou sp. nov. (Cladistia, Polypteridae) from the Late Miocene, Toros-Menalla, Chad. Zoological Journal of the Linnean Society, 2006, 146, 227-237. | 2.3 | 26 |
| 15 | Current knowledge and new assumptions on the evolutionary history of the African lungfish,Protopterus, based on a review of its fossil record. Fish and Fisheries, 2011, 12, 235-255. | 5.3 | 22 |
| 16 | The oldest-known cyprinid fish of the Afro-Arabic Plate, and its paleobiogeographical implications. Journal of Vertebrate Paleontology, 2001, 21, 386-388. | 1.0 | 21 |
| 17 | The fish assemblage associated with the Late Miocene Chadian hominid (Toros-Menalla, Western) Tj ETQq1 1 0.784314 rgBT /Overlo<br>Stratigraphie, 2010, 292, 21-51. | 2.1 | 20 |
| 18 | A Fish Assemblage from the Middle Eocene from Libya (Dur At-Talah) and the Earliest Record of Modern African Fish Genera. PLoS ONE, 2015, 10, e0144358. | 2.5 | 20 |

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|---|---|---|---|
| 19 | Early fossils illuminate character evolution and interrelationships of Lampridiformes (Teleostei,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 2.3 | 19 |
| 20 | First description of a Pliocene ichthyofauna from Central Africa (site KL2, Kolle area, Eastern Djurab,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 2.0 | 18 |
| 21 | Spine anatomy reveals the diversity of catfish through time: a case study of Synodontis (Siluriformes). Die Naturwissenschaften, 2006, 93, 22-26. | 1.6 | 17 |
| 22 | Cretaceous characiform fishes (Teleostei: Ostariophysi) from Northern Tethys: description of new material from the Maastrichtian of Provence (Southern France) and palaeobiogeographical implications. Geological Society Special Publication, 2008, 295, 155-164. | 1.3 | 16 |
| 23 | Anatomy and phylogeny of the Aipichthyoidea nov. of the Cenomanian Tethys and their place in the Acanthomorpha (Teleostei). Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 1996, 202, 313-344. | 0.4 | 16 |
| 24 | The early/late Pliocene ichthyofauna from Koro-Toro, Eastern Djurab, Chad. Geobios, 2010, 43, 241-251. | 1.4 | 15 |
| 25 | Histology of the endothermic opah ( Lampris sp.) suggests a new structureâ€“function relationship in teleost fish bone. Biology Letters, 2018, 14, 20180270. | 2.3 | 15 |
| 26 | Analyse de la palÃ©odiversification des Siluriformes (Osteichthyes, Teleostei, Ostariophysi). Geobios, 1999, 32, 235-246. | 1.4 | 13 |
| 27 | A new claroteid catfish (Siluriformes) from the upper Miocene of Toros-Menalla, Chad:Auchenoglanis soye, sp. nov.. Journal of Vertebrate Paleontology, 2007, 27, 285-294. | 1.0 | 13 |
| 28 | Giants in a minute catfish genus: first description of fossilMochokus(Siluriformes,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td ( Paleontology, 2011, 31, 22-31. | 1.0 | 11 |
| 29 | Early fossils illuminate character evolution and interrelationships of Lampridiformes (Teleostei,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 2.3 | 11 |
| 30 | Hgulichthys, nouveau genre de Lissoberycinae (Trachichthyiformes, Trachichthyoidea) du CÃ©nomanien infÃ©rieur marin de Hgula (Liban). Implications phylogÃ©nÃ©tiques. Geobios, 1995, 28, 711-717. | 1.4 | 9 |
| 31 | Anatomical review of â€Salminops ibericus, a Teleostei incertae sedis from the Cenomanian of Portugal, anciently assigned to Characiformes and possibly related to crossognathiform fishes. Cretaceous Research, 2015, 56, 66-75. | 1.4 | 9 |
| 32 | A NEW SEMLIKIICHTHYS FISH (TELEOSTEI, PERCIFORMES) FROM THE UPPER MIOCENE OF CHAD: FOSSIL RECORD AND PALAEOBIOGEOGRAPHICAL IMPLICATIONS. Palaeontology, 2008, 51, 917-932. | 2.2 | 8 |
| 33 | The bony anatomy of ChadianSynodontis(Osteichthyes, Teleostei, Siluriformes, Mochokidae): interspecific variations and specific characters. Zoosystema, 2010, 32, 173-231. | 0.6 | 7 |
| 34 | A new albuliform (Teleostei: Elopomorpha) from the Lower Cretaceous Santana Formation, Araripe Basin, northeastern Brazil. Cretaceous Research, 2010, 31, 227-236. | 1.4 | 6 |
| 35 | Review of the osteology of the fossil fish formerly attributed to the genus â€Chanoidesand implications for the definition of otophysan bony characters. Journal of Systematic Palaeontology, 2015, 13, 397-420. | 1.5 | 6 |
| 36 | First occurrence of a mawsoniid (Sarcopterygii: Actinistia), Mawsonia soba sp. nov., in pre-Aptian Cretaceous deposits from Cameroon. Cretaceous Research, 2018, 86, 91-96. | 1.4 | 6 |

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|---|---|---|---|
| 37 | â€Sorbinicharax verraesi: An unexpected case of a benthic fish outside Acanthomorpha in the Upper Cretaceous of the Tethyan Sea. PLoS ONE, 2017, 12, e0183879. | 2.5 | 6 |
| 38 | Description and paleobiogeographical implications of new Semlikiichthys (Teleostei, Perciformes) fish material from the Late Miocene deposits of Sahabi, Libya. Geobios, 2012, 45, 429-436. | 1.4 | 4 |
| 39 | Climate-inferred distribution estimates of mid-to-late Pliocene hominins. Global and Planetary Change, 2022, 210, 103756. | 3.5 | 4 |
| 40 | Weilerichthys fajumensis (Percoidei incertae sedis), new name and systematic position for Lates fajumensis Weiler, 1929, from the Eocene of the Fayum (Egypt). Neues Jahrbuch FÃ¼r Geologie Und PalÃontologie, 1999, 1999, 81-94. | 0.3 | 3 |
| 41 | A glimpse at the ectotherms of the earliest fauna from the East African Rift (Lokone, late Oligocene of) Tj ETQq1 1 0.784314 rgBT /Ov | 1.0 | 2 |
| 42 | Biominerals Fossilisation: Fish Bone Diagenesis in Plioâ€“Pleistocene African Hominid Sites of Malawi. Minerals (Basel, Switzerland), 2020, 10, 1049. | 2.0 | 2 |
| 43 | DÃ©couverte de charophytes et ostracodes de lâ€™YprÃ©sien infÃ©rieur dans les Monts des Ksour (AlgÃ©rie)Â: biostratigraphie et palÃ©oÃ©cologie. Annales De Paleontologie, 2021, 107, 102466. | 0.5 | 2 |
| 44 | First identification of the genusArgyrosomus(Teleostei, Sciaenidae) in Neogene African outcrops. Geodiversitas, 2013, 35, 49-65. | 0.8 | 1 |
| 45 | Perspectives on the use of growth rate patterns in fossil ectotherm bones to characterise ancient continental environments: Case study in Late Neogene sites from northern Chad (Djurab). Journal of African Earth Sciences, 2018, 147, 126-135. | 2.0 | 1 |
| 46 | Un nouveau genre d'Aipichthyoidea (Teleostei, Acanthomorpha) du CÃ©nomanien infÃ©rieur marin de Hgula (Liban): description et relations phylogÃ©nÃ©tiques. Comptes Rendus De L'AcadÃ©mie Des Sciences Earth & Planetary Sciences SÃ©rie II, Sciences De La Terre Et Des PlanÃ¨tes =, 1997, 325, 453-458. | 0.2 | 0 |
| 47 | Evaluation of the fossil fishâ€specific diversity in a chadian continental assemblage: Exploration of morphological continuous variation in Synodontis (Ostariophysi, Siluriformes). Journal of Morphology, 2016, 277, 1486-1496. | 1.2 | 0 |
| 48 | A coherent biogeographical framework for Old World Neogene and Pleistocene mammals. Palaeontology, 2022, 65, . | 2.2 | 0 |