

Gilles Escarguel

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

3,744
citations

136740

32
h-index

149479

56
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96
all docs

96
docs citations

96
times ranked

4011
citing authors

#	ARTICLE	IF	CITATIONS
1	Discrimination of conspecifics from heterospecifics in a hybrid zone: Behavioral and chemical cues in ants. <i>Insect Science</i> , 2022, 29, 276-288.	1.5	2
2	When less is more and more is less: the impact of sampling effort on species delineation. <i>Palaeontology</i> , 2022, 65, .	1.0	4
3	The Paris Biota decapod (Arthropoda) fauna and the diversity of Triassic decapods. <i>Journal of Paleontology</i> , 2022, 96, 1235-1263.	0.5	2
4	Palynology from ground zero of the Chicxulub impact, southern Gulf of Mexico. <i>Palynology</i> , 2021, 45, 283-299.	0.7	4
5	EVOSHEEP: the makeup of sheep breeds in the ancient Near East. <i>Antiquity</i> , 2021, 95, .	0.5	4
6	Latest Smithian (Early Triassic) ammonoid assemblages in Utah (western USA basin) and their implications for regional biostratigraphy, biogeography and placement of the Smithian/Spathian boundary. <i>Geobios</i> , 2021, 69, 1-23.	0.7	2
7	Dispersalâ€“niche continuum index: a new quantitative metric for assessing the relative importance of dispersal versus niche processes in community assembly. <i>Ecography</i> , 2021, 44, 370-379.	2.1	38
8	Exceptional fossil assemblages confirm the existence of complex Early Triassic ecosystems during the early Spathian. <i>Scientific Reports</i> , 2021, 11, 19657.	1.6	12
9	Brachiopod palaeobiogeography in the western Tethys during the Early Jurassic diversity maximum: introduction of a Pontic Province. <i>Lethaia</i> , 2020, 53, 72-90.	0.6	4
10	Cainotheriidae (Mammalia, Artiodactyla) from Dams (Quercy, SW France): phylogenetic relationships and evolution around the Eoceneâ€“Oligocene transition (MP19â€“MP21). <i>Journal of Systematic Palaeontology</i> , 2020, 18, 541-572.	0.6	8
11	Using museum pelt collections to generate pollen prints from high-risk regions: A new palynological forensic strategy for geolocation. <i>Forensic Science International</i> , 2020, 306, 110061.	1.3	5
12	New middle and late Smithian ammonoid faunas from the Utah/Arizona border: New evidence for calibrating Early Triassic transgressive-regressive trends and paleobiogeographical signals in the western USA basin. <i>Global and Planetary Change</i> , 2020, 192, 103251.	1.6	5
13	Effects of urbanizationâ€“climate interactions on range expansion in the invasive European pavement ant. <i>Basic and Applied Ecology</i> , 2020, 44, 46-54.	1.2	16
14	Multiple mating in the context of interspecific hybridization between two <i>Tetramorium</i> ant species. <i>Heredity</i> , 2020, 124, 675-684.	1.2	9
15	Range limits in sympatric cryptic species: a case study in <i>Tetramorium</i> pavement ants (Hymenoptera: Formicidae) across a biogeographical boundary. <i>Insect Conservation and Diversity</i> , 2019, 12, 109-120.	1.4	12
16	Multi-scale impacts of urbanization on species distribution within the genus <i>Tetramorium</i> . <i>Landscape Ecology</i> , 2019, 34, 1937-1948.	1.9	14
17	Statistical confidence intervals for relative abundances and abundance-based ratios: Simple practical solutions for an old overlooked question. <i>Marine Micropaleontology</i> , 2019, 151, 101751.	0.5	25
18	The colonization of the oceans by calcifying pelagic algae. <i>Biogeosciences</i> , 2019, 16, 2501-2510.	1.3	20

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19	From hybridization to introgression between two closely related sympatric ant species. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2019, 57, 778-788.	0.6	17
20	Foreword for the thematic issue "The Paris Biota (Bear Lake County, Idaho, USA): an exceptional window on the Early Triassic marine life". <i>Geobios</i> , 2019, 54, 1-3.	0.7	1
21	Glow in the dark: Use of synchrotron μ XRF trace elemental mapping and multispectral macro-imaging on fossils from the Paris Biota (Bear Lake County, Idaho, USA). <i>Geobios</i> , 2019, 54, 71-79.	0.7	12
22	A new brittle star (Ophiuroidea: Ophiodermatina) from the Early Triassic Paris Biota (Bear Lake) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.7	10
23	An onshore bathyal record of tectonics and climate cycles at the onset of the Early-Middle Pleistocene Transition in the eastern Mediterranean. <i>Quaternary Science Reviews</i> , 2019, 209, 23-39.	1.4	13
24	PER"SIMPER" A new tool for inferring community assembly processes from taxon occurrences. <i>Global Ecology and Biogeography</i> , 2019, 28, 374-385.	2.7	37
25	Holocene vegetation and climate evolution of Corpus Christi and Trinity bays: Implications on coastal Texas source-to-sink deposition. <i>Geobios</i> , 2018, 51, 123-135.	0.7	8
26	Late Smithian microbial deposits and their lateral marine fossiliferous limestones (Early Triassic,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 48	0.7	8
27	Controlling factors for differential subsidence in the Sonoma Foreland Basin (Early Triassic, western) Tj ETQq1 1 0.784314 rgBT /Overlock 18	0.9	18
28	<i>Superstesaster promissor</i> gen. et sp. nov., a new starfish (Echinodermata, Asteroidea) from the Early Triassic of Utah, USA, filling a major gap in the phylogeny of asteroids. <i>Journal of Systematic Palaeontology</i> , 2018, 16, 395-415.	0.6	16
29	MIS 5"1 dinoflagellate cyst analyses and morphometric evaluation of <i>Galeacysta etrusca</i> and <i>Spiniferites cruciformis</i> in southwestern Black Sea. <i>Quaternary International</i> , 2018, 465, 117-129.	0.7	10
30	Early Triassic environmental dynamics and microbial development during the Smithian" Spathian transition (Lower Weber Canyon, Utah, USA). <i>Sedimentary Geology</i> , 2018, 363, 136-151.	1.0	15
31	Palaeobiogeographical distribution of Smithian (Early Triassic) ammonoid faunas within the western USA basin and its controlling parameters. <i>Palaeontology</i> , 2018, 61, 881-904.	1.0	14
32	Unexpected Early Triassic marine ecosystem and the rise of the Modern evolutionary fauna. <i>Science Advances</i> , 2017, 3, e1602159.	4.7	103
33	Morphological disparity and systematic revision of the eocrinoid genus <i>Rhopalocystis</i> (Echinodermata, Blastozoa) from the Lower Ordovician of the central Anti-Atlas (Morocco). <i>Journal of Paleontology</i> , 2017, 91, 685-714.	0.5	11
34	Early Triassic fluctuations of the global carbon cycle: New evidence from paired carbon isotopes in the western USA basin. <i>Global and Planetary Change</i> , 2017, 154, 10-22.	1.6	22
35	Evaluating the accuracy of biodiversity changes through geologic times: from simulation to solution. <i>Paleobiology</i> , 2017, 43, 667-692.	1.3	8
36	Nomenclature for the Nameless: A Proposal for an Integrative Molecular Taxonomy of Cryptic Diversity Exemplified by Planktonic Foraminifera. <i>Systematic Biology</i> , 2016, 65, 925-940.	2.7	60

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37	Gauging scale effects and biogeographical signals in similarity distance decay analyses: an Early Jurassic ammonite case study. <i>Palaeontology</i> , 2016, 59, 671-687.	1.0	12
38	The alkyl glycerol ether lipid composition of heterotrophic sulfate reducing bacteria strongly depends on growth substrate. <i>Organic Geochemistry</i> , 2016, 98, 141-154.	0.9	30
39	Paleoecology, biogeography, and evolution of reef ecosystems in the Panthalassa Ocean during the Late Triassic: Insights from reef limestone of the Sambosan Accretionary Complex, Shikoku, Japan. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 457, 31-51.	1.0	20
40	Evolution of depositional settings in the Torrey area during the Smithian (Early Triassic, Utah, USA) and their significance for the biotic recovery. <i>Geological Journal</i> , 2016, 51, 600-626.	0.6	15
41	mv²morph</sup>: an ^r package for fitting multivariate evolutionary models to morphometric data. <i>Methods in Ecology and Evolution</i> , 2015, 6, 1311-1319.	2.2	350
42	PFR²: a curated database of planktonic foraminifera 18S ribosomal ^{DNA} as a resource for studies of plankton ecology, biogeography and evolution. <i>Molecular Ecology Resources</i> , 2015, 15, 1472-1485.	2.2	55
43	Paleoenvironmental and paleobiological origins of coccolithophorid genus <i>Watznaueria</i> emergence during the late Aalenianâ€“early Bajocian. <i>Paleobiology</i> , 2015, 41, 415-435.	1.3	25
44	Biogeography of Triassic Ammonoids. <i>Topics in Geobiology</i> , 2015, , 163-187.	0.6	10
45	Early Triassic Gulliver gastropods: Spatio-temporal distribution and significance for biotic recovery after the end-Permian mass extinction. <i>Earth-Science Reviews</i> , 2015, 146, 31-64.	4.0	37
46	Microbial deposits in the aftermath of the end-Permian mass extinction: A diverging case from the Mineral Mountains (Utah, ^{USA}). <i>Sedimentology</i> , 2015, 62, 753-792.	1.6	49
47	SSU rDNA Divergence in Planktonic Foraminifera: Molecular Taxonomy and Biogeographic Implications. <i>PLoS ONE</i> , 2014, 9, e104641.	1.1	60
48	Smithian shoreline migrations and depositional settings in Timpoweap Canyon (Early Triassic, Utah,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	20
49	A biometric re-evaluation of recent claims for Early Upper Palaeolithic wolf domestication in Eurasia. <i>Journal of Archaeological Science</i> , 2014, 45, 80-89.	1.2	72
50	Using traditional biometrical data to distinguish West Palearctic wild boar and domestic pigs in the archaeological record: new methods and standards. <i>Journal of Archaeological Science</i> , 2014, 43, 1-8.	1.2	40
51	Missing Data Estimation in Morphometrics: How Much is Too Much?. <i>Systematic Biology</i> , 2014, 63, 203-218.	2.7	37
52	Smithian ammonoid faunas from Utah: implications for Early Triassic biostratigraphy, correlation and basinal paleogeography. <i>Swiss Journal of Palaeontology</i> , 2013, 132, 141-219.	0.7	52
53	Untangling phylogenetic, geometric and ornamental imprints on Early Triassic ammonoid biogeography: a similarity-distance decay study. <i>Lethaia</i> , 2013, 46, 19-33.	0.6	12
54	Late Pleistocene (MIS 3â€“4) climate inferred from micromammal communities and ¹⁸O of rodents from Les Pradelles, France. <i>Quaternary Research</i> , 2013, 80, 113-124.	1.0	30

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55	The cryptic and the apparent reversed: lack of genetic differentiation within the morphologically diverse plexus of the planktonic foraminifer <i>Globigerinoides sacculifer</i> . <i>Paleobiology</i> , 2013, 39, 21-39.	1.3	85
56	Global scale same-specimen morpho-genetic analysis of <i>Truncorotalia truncatulinoides</i> : A perspective on the morphological species concept in planktonic foraminifera. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 391, 2-12.	1.0	43
57	Ecological modeling of the temperature dependence of cryptic species of planktonic Foraminifera in the Southern Hemisphere. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 391, 13-33.	1.0	63
58	A large new collection of <i>Palaeostylops</i> from the Paleocene of the Flaming Cliffs area (Ulan-Nur) (Mammalia, Gliriformes). <i>Geobios</i> , 2012, 45, 311-322.	0.7	11
59	On <i>Mesopithecus</i> habitat: Insights from late Miocene fossil vertebrate localities of Bulgaria. <i>Journal of Human Evolution</i> , 2012, 63, 162-179.	1.3	16
60	The use of MSR (Minimum Sample Richness) for sample assemblage comparisons. <i>Paleobiology</i> , 2011, 37, 696-709.	1.3	44
61	Transient metazoan reefs in the aftermath of the end-Permian mass extinction. <i>Nature Geoscience</i> , 2011, 4, 693-697.	5.4	122
62	Biodiversity is not (and never has been) a bed of roses!. <i>Comptes Rendus - Biologies</i> , 2011, 334, 351-359.	0.1	33
63	Gastropod evidence against the Early Triassic Lilliput effect: REPLY. <i>Geology</i> , 2011, 39, e233-e233.	2.0	10
64	Worldwide Genotyping in the Planktonic Foraminifer <i>Globoconella inflata</i> : Implications for Life History and Paleoceanography. <i>PLoS ONE</i> , 2011, 6, e26665.	1.1	46
65	Can Dental Microwear Textures Record Inter-Individual Dietary Variations?. <i>PLoS ONE</i> , 2010, 5, e9542.	1.1	119
66	Astronomically-paced coccolith size variations during the early Pliensbachian (Early Jurassic). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 295, 281-292.	1.0	31
67	Good Genes and Good Luck: Ammonoid Diversity and the End-Permian Mass Extinction. <i>Science</i> , 2009, 325, 1118-1121.	6.0	241
68	Biogeographical affinities of Jurassic and Cretaceous continental vertebrate assemblages from SE Asia. <i>Geological Society Special Publication</i> , 2009, 315, 285-300.	0.8	5
69	Morphological recognition of cryptic species in the planktonic foraminifer <i>Orbulina universa</i> . <i>Marine Micropaleontology</i> , 2009, 71, 148-165.	0.5	108
70	Smithian and Spathian (Early Triassic) ammonoid assemblages from terranes: Paleoceanographic and paleogeographic implications. <i>Journal of Asian Earth Sciences</i> , 2009, 36, 420-433.	1.0	59
71	A contribution to deciphering the meaning of AP/NAP with respect to vegetation cover. <i>Review of Palaeobotany and Palynology</i> , 2008, 148, 13-35.	0.8	59
72	Oxygen isotope fractionation between human phosphate and water revisited. <i>Journal of Human Evolution</i> , 2008, 55, 1138-1147.	1.3	258

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73	Unearthing deep-time biodiversity changes: The Palaeogene mammalian metacommunity of the Quercy and Limagne area (Massif Central, France). <i>Comptes Rendus - Geoscience</i> , 2008, 340, 602-614.	0.4	27
74	A new family of bats in the Paleogene of Europe: Systematics and implications for the origin of emballonurids and rhinolophoids. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2008, 250, 199-216.	0.2	18
75	Eocene Amphilemuridae of Western Europe - New data, Systematics, Related forms, Phylogeny. <i>Palaeontographica, Abteilung A: Palaeozoologie - Stratigraphie</i> , 2008, 283, 35-82.	1.5	7
76	An Ailuravine Rodent from the Lower Eocene Cambay Formation at Vastan, Western India, and Its Palaeobiogeographic Implications. <i>Acta Palaeontologica Polonica</i> , 2008, 53, 1-14.	0.4	50
77	Vegetation dynamics in southern France during the last 30kyBP in the light of marine palynology. <i>Quaternary Science Reviews</i> , 2007, 26, 1037-1054.	1.4	40
78	Oxygen isotope fractionation between crocodilian phosphate and water. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 243, 412-420.	1.0	58
79	Mosaic of environments recorded by bryozoan faunas from the Middle Miocene of Hungary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 252, 530-556.	1.0	39
80	High-precision determination of $^{18}O/^{16}O$ ratios of silver phosphate by EA-pyrolysis-IRMS continuous flow technique. <i>Journal of Mass Spectrometry</i> , 2007, 42, 36-41.	0.7	71
81	Small mammal (rodents and lagomorphs) European biogeography from the Late Oligocene to the mid Pliocene. <i>Global Ecology and Biogeography</i> , 2007, 16, 529-544.	2.7	41
82	<i>Proharpoceras</i> Chao: a new ammonoid lineage surviving the end-Permian mass extinction. <i>Lethaia</i> , 2007, 40, 175-181.	0.6	18
83	The significance of pollen signal in present-day marine terrigenous sediments: The example of the Gulf of Lions (western Mediterranean Sea). <i>Geobios</i> , 2007, 40, 159-172.	0.7	78
84	The biogeography of Early Triassic ammonoid faunas: Clusters, gradients, and networks. <i>Geobios</i> , 2007, 40, 749-765.	0.7	83
85	Amphilemuridae (Lipotyphla, Mammalia) d'Europe occidentale: nouvelles données taxonomiques. <i>Comptes Rendus - Palevol</i> , 2006, 5, 813-820.	0.1	6
86	The use of Holocene bovid fossils to infer palaeoenvironment in Africa. <i>Quaternary Science Reviews</i> , 2006, 25, 763-783.	1.4	11
87	The Early Triassic ammonoid recovery: Paleoclimatic significance of diversity gradients. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 239, 374-395.	1.0	207
88	Mathematics and the Lifeway of <i>Mesopithecus</i> . <i>International Journal of Primatology</i> , 2005, 26, 801-823.	0.9	18
89	CONSTRUCTING, BOOTSTRAPPING, AND COMPARING MORPHOMETRIC AND PHYLOGENETIC TREES: A CASE STUDY OF NEW WORLD MONKEYS (PLATYRRHINI, PRIMATES). <i>Journal of Mammalogy</i> , 2005, 86, 773-781.	0.6	22
90	Counting taxonomic richness from discrete biochronozones of unknown duration: a simulation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 202, 181-208.	1.0	21

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91	Floor-age constraining of a tectonic paroxysm of the Pyrenean orogen. Late Middle Eocene mammal age of a faulted karstic filling of the Quercy phosphorites, south-western France. <i>Geodynamica Acta</i> , 2000, 13, 271-280.	2.2	9
92	A succession of Miocene rodent assemblages from fissure fillings in southern France: palaeoenvironmental interpretation and comparison with Spain. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1999, 145, 215-230.	1.0	29
93	An Early Triassic gladius associated with soft tissue remains from Idaho, USA—a squid-like coleoid cephalopod at the onset of Mesozoic Era. <i>Acta Palaeontologica Polonica</i> , 0, 63, .	0.4	17