# Nathaniel J Dominy

List of Publications by Year
in descending order



| 118 | 7,409 | 57758 | 58581 |
|---|---|---|---|
| papers | citations | 44 h-index | 82 g-index |

| 125 | 125 | 125 | 9077 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | SacrÃ©s babouinsÂ!. Pourlascience Fr, 2022, NÂ° 532 â€“ fÃ©vrier, 30-35. | 0.0 | 0 |
| 2 | Differentiating siliceous particulate matter in the diets of mammalian herbivores. Methods in Ecology and Evolution, 2022, 13, 2198-2208. | 5.2 | 4 |
| 3 | The sluggard has no locusts: From persistent pest to irresistible icon. People and Nature, 2021, 3, 542-549. | 3.7 | 5 |
| 4 | Carbon and strontium isotope ratios shed new light on the paleobiology and collapse of Theropithecus, a primate experiment in graminivory. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 572, 110393. | 2.3 | 6 |
| 5 | Grit and consequence. Evolutionary Anthropology, 2021, 30, 375-384. | 3.4 | 6 |
| 6 | Mechanical loading of primate fingers on vertical rock surfaces. South African Journal of Science, 2021, 117, . | 0.7 | 1 |
| 7 | Footprint evidence of early hominin locomotor diversity at Laetoli, Tanzania. Nature, 2021, 600, 468-471. | 27.8 | 24 |
| 8 | Biodiversity of protists and nematodes in the wild nonhuman primate gut. ISME Journal, 2020, 14, 609-622. | 9.8 | 32 |
| 9 | Liminal Light and Primate Evolution. Annual Review of Anthropology, 2020, 49, 257-276. | 1.5 | 6 |
| 10 | Peer review at the Ministry of Silly Walks. Gait and Posture, 2020, 82, 329-331. | 1.4 | 2 |
| 11 | Mummified baboons reveal the far reach of early Egyptian mariners. ELife, 2020, 9, . | 6.0 | 16 |
| 12 | Evolutionary trends in host physiology outweigh dietary niche in structuring primate gut microbiomes. ISME Journal, 2019, 13, 576-587. | 9.8 | 236 |
| 13 | Global phylogeography and ancient evolution of the widespread human gut virus crAssphage. Nature Microbiology, 2019, 4, 1727-1736. | 13.3 | 184 |
| 14 | Convergence of human and Old World monkey gut microbiomes demonstrates the importance of human ecology over phylogeny. Genome Biology, 2019, 20, 201. | 8.8 | 57 |
| 15 | Plasticity in the Human Gut Microbiome Defies Evolutionary Constraints. MSphere, 2019, 4, . | 2.9 | 40 |
| 16 | Opsin genes of select treeshrews resolve ancestral character states within Scandentia. Royal Society Open Science, 2019, 6, 182037. | 2.4 | 0 |
| 17 | Tarsier Goggles: a virtual reality tool for experiencing the optics of a dark-adapted primate visual system. Evolution: Education and Outreach, 2019, 12, . | 0.8 | 2 |
| 18 | Foraging Performance, Prosociality, and Kin Presence Do Not Predict Lifetime Reproductive Success in Batek Hunter-Gatherers. Human Nature, 2019, 30, 71-97. | 1.6 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Close Encounters of the Bird Kind. Anthropology News, 2019, 60, e75. | 0.1 | 1 |
| 20 | New Guinea bone daggers were engineered to preserve social prestige. Royal Society Open Science, 2018, 5, 172067. | 2.4 | 3 |
| 21 | Validation of a Noninvasive Hair Trapping Method for Extractive-Foraging Primates. Folia Primatologica, 2018, 89, 415-422. | 0.7 | 3 |
| 22 | The promise of primatology fulfilled?. American Journal of Physical Anthropology, 2018, 166, 783-790. | 2.1 | 3 |
| 23 | Hunter-gatherer residential mobility and the marginal value of rainforest patches. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3097-3102. | 7.1 | 65 |
| 24 | Functional preservation and variation in the cone opsin genes of nocturnal tarsiers. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160075. | 4.0 | 51 |
| 25 | Auditory sensitivity of the tufted capuchin (Sapajus apella), a test of allometric predictions. Journal of the Acoustical Society of America, 2017, 141, 4822-4831. | 1.1 | 2 |
| 26 | Alcohol discrimination and preferences in two species of nectar-feeding primate. Royal Society Open Science, 2016, 3, 160217. | 2.4 | 25 |
| 27 | How chimpanzees integrate sensory information to select figs. Interface Focus, 2016, 6, 20160001. | 3.0 | 31 |
| 28 | Primate dietary ecology in the context of food mechanical properties. Journal of Human Evolution, 2016, 98, 103-118. | 2.6 | 42 |
| 29 | Genomic analysis reveals hidden biodiversity within colugos, the sister group to primates. Science Advances, 2016, 2, e1600633. | 10.3 | 64 |
| 30 | Visual ecology of true lemurs suggests a cathemeral origin for the primate cone opsin polymorphism. Functional Ecology, 2016, 30, 932-942. | 3.6 | 27 |
| 31 | Architecture and functional ecology of the human gastrocnemius muscleâ€tendon unit. Journal of Anatomy, 2016, 228, 561-568. | 1.5 | 11 |
| 32 | Euarchontan Opsin Variation Brings New Focus to Primate Origins. Molecular Biology and Evolution, 2016, 33, 1029-1041. | 8.9 | 22 |
| 33 | Do Oxygen Isotope Values in Collagen Reflect the Ecology and Physiology of Neotropical Mammals?. Frontiers in Ecology and Evolution, 2015, 3, . | 2.2 | 16 |
| 34 | Reindeer Vision Explains the Benefits of a Glowing Nose. Frontiers for Young Minds, 2015, 3, . | 0.8 | 0 |
| 35 | Ferment in the family tree. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 308-309. | 7.1 | 24 |
| 36 | Reply to Evans and Bar-Oz et al.: Recovering ecological pattern and process in Ancient Egypt. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E240-E240. | 7.1 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Seed size and the evolution of leaf defences. Journal of Ecology, 2015, 103, 1057-1068. | 4.0 | 8 |
| 38 | The Sensory Systems of Alouatta: Evolution with an Eye to Ecology. , 2015, , 317-336. | | 8 |
| 39 | Niche convergence suggests functionality of the nocturnal fovea. Frontiers in Integrative Neuroscience, 2014, 8, 61. | 2.1 | 16 |
| 40 | Technical Note: Calcium and carbon stable isotope ratios as paleodietary indicators. American Journal of Physical Anthropology, 2014, 154, 633-643. | 2.1 | 34 |
| 41 | A natural history of human tree climbing. Journal of Human Evolution, 2014, 71, 105-118. | 2.6 | 46 |
| 42 | FUNCTIONAL MORPHOLOGY, STABLE ISOTOPES, AND HUMAN EVOLUTION: A MODEL OF CONSILIENCE. Evolution; International Journal of Organic Evolution, 2014, 68, 190-203. | 2.3 | 17 |
| 43 | Dichromatic vision in a fruit bat with diurnal proclivities: the Samoan flying fox (Pteropus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Physiology, 2014, 200, 1015-1022. | 1.6 | 17 |
| 44 | Adaptive, convergent origins of the pygmy phenotype in African rainforest hunter-gatherers. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3596-603. | 7.1 | 91 |
| 45 | Collapse of an ecological network in Ancient Egypt. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14472-14477. | 7.1 | 81 |
| 46 | Food mechanical properties, feeding ecology, and the mandibular morphology of wild orangutans. Journal of Human Evolution, 2014, 75, 110-124. | 2.6 | 42 |
| 47 | The impact of agricultural emergence on the genetic history of African rainforest hunter-gatherers and agriculturalists. Nature Communications, 2014, 5, 3163. | 12.8 | 96 |
| 48 | Conservation Genetics of the Philippine Tarsier: Cryptic Genetic Variation Restructures Conservation Priorities for an Island Archipelago Primate. PLoS ONE, 2014, 9, e104340. | 2.5 | 24 |
| 49 | Expression and Evolution of Short Wavelength Sensitive Opsins in Colugos: A Nocturnal Lineage That Informs Debate on Primate Origins. Evolutionary Biology, 2013, 40, 542-553. | 1.1 | 24 |
| 50 | Phenotypic Plasticity of Climbing-Related Traits in the Ankle Joint of Great Apes and Rainforest Hunter-Gatherers. Human Biology, 2013, 85, 309-328. | 0.2 | 32 |
| 51 | Mount Pinatubo, Inflammatory Cytokines, and the Immunological Ecology of Aeta Hunter-Gatherers. Human Biology, 2013, 85, 231-250. | 0.2 | 22 |
| 52 | Tree climbing and human evolution. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1237-1242. | 7.1 | 91 |
| 53 | Inferred L/M cone opsin polymorphism of ancestral tarsiers sheds dim light on the origin of anthropoid primates. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20130189. | 2.6 | 34 |
| 54 | Phenotypic Plasticity of Climbing-Related Traits in the Ankle Joint of Great Apes and Rainforest Hunter-Gatherers. Human Biology, 2013, 85, 309. | 0.2 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Social drive and the evolution of primate hearing. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 1860-1868. | 4.0 | 58 |
| 56 | Bornean orangutans on the brink of protein bankruptcy. Biology Letters, 2012, 8, 333-336. | 2.3 | 60 |
| 57 | Receiver bias and the acoustic ecology of aye-ayes (Daubentonia madagascariensis). Communicative and Integrative Biology, 2012, 5, 637-640. | 1.4 | 17 |
| 58 | Extinction and ecological retreat in a community of primates. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3597-3605. | 2.6 | 51 |
| 59 | Hominins living on the sedge. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20171-20172. | 7.1 | 69 |
| 60 | Baboons, Water, and the Ecology of Oxygen Stable Isotopes in an Arid Hybrid Zone. Physiological and Biochemical Zoology, 2012, 85, 421-430. | 1.5 | 11 |
| 61 | Primate communication in the pure ultrasound. Biology Letters, 2012, 8, 508-511. | 2.3 | 60 |
| 62 | ASPM and the Evolution of Cerebral Cortical Size in a Community of New World Monkeys. PLoS ONE, 2012, 7, e44928. | 2.5 | 5 |
| 63 | A novel method for comparative analysis of retinal specialization traits from topographic maps. Journal of Vision, 2012, 12, 13-13. | 0.3 | 30 |
| 64 | A Noninvasive Method for Estimating Nitrogen Balance in Free-Ranging Primates. International Journal of Primatology, 2012, 33, 567-587. | 1.9 | 30 |
| 65 | Thermal Imaging of Aye-Ayes (Daubentonia madagascariensis) Reveals a Dynamic Vascular Supply During Haptic Sensation. International Journal of Primatology, 2012, 33, 588-597. | 1.9 | 15 |
| 66 | Why Ayeâ€Ayes See Blue. American Journal of Primatology, 2012, 74, 185-192. | 1.7 | 91 |
| 67 | Merging Resource Availability with Isotope Mixing Models: The Role of Neutral Interaction Assumptions. PLoS ONE, 2011, 6, e22015. | 2.5 | 26 |
| 68 | Global patterns of leaf mechanical properties. Ecology Letters, 2011, 14, 301-312. | 6.4 | 418 |
| 69 | Explaining geographical variation in the isotope composition of mouse lemurs (Microcebus). Journal of Biogeography, 2011, 38, 2106-2121. | 3.0 | 61 |
| 70 | Adaptation to hard-object feeding in sea otters and hominins. Journal of Human Evolution, 2011, 61, 89-96. | 2.6 | 72 |
| 71 | Stable carbon and nitrogen isotope enrichment in primate tissues. Oecologia, 2010, 164, 611-626. | 2.0 | 95 |
| 72 | A comparison of auditory brainstem responses and behavioral estimates of hearing sensitivity in Lemur catta and Nycticebus coucang. American Journal of Primatology, 2010, 72, 217-233. | 1.7 | 24 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Evolution of Sensory Receptor Specializations in the Glabrous Skin. , 2009, , 39-42. | | 2 |
| 74 | Cooperation and individuality among man-eating lions. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 19040-19043. | 7.1 | 49 |
| 75 | Primate Dental Enamel: What It Says about Diet. Frontiers of Oral Biology, 2009, 13, 44-48. | 1.5 | 3 |
| 76 | Ecological consequences of scaling of chew cycle duration and daily feeding time in Primates. Journal of Human Evolution, 2009, 56, 570-585. | 2.6 | 61 |
| 77 | Sterile pyuria in a population of wild whiteâ€handed gibbons (Hylobates lar). American Journal of Primatology, 2009, 71, 880-883. | 1.7 | 5 |
| 78 | Foraging and ranging behavior during a fallback episode: Hylobates albibarbis and Pongo pygmaeus wurmbii compared. American Journal of Physical Anthropology, 2009, 140, 716-726. | 2.1 | 121 |
| 79 | Evolution of the human pygmy phenotype. Trends in Ecology and Evolution, 2009, 24, 218-225. | 8.7 | 143 |
| 80 | Mechanical Properties of Plant Underground Storage Organs and Implications for Dietary Models of Early Hominins. Evolutionary Biology, 2008, 35, 159-175. | 1.1 | 209 |
| 81 | Functional ecology and evolution of hominoid molar enamel thickness: Pan troglodytes schweinfurthii and Pongo pygmaeus wurmbii. Journal of Human Evolution, 2008, 55, 60-74. | 2.6 | 190 |
| 82 | Food material properties and mandibular load resistance abilities in large-bodied hominoids. Journal of Human Evolution, 2008, 55, 604-616. | 2.6 | 55 |
| 83 | Monocot Leaves are Eaten Less than Dicot Leaves in Tropical Lowland Rain Forests: Correlations with Toughness and Leaf Presentation. Annals of Botany, 2008, 101, 1379-1389. | 2.9 | 41 |
| 84 | In Tropical Lowland Rain Forests Monocots have Tougher Leaves than Dicots, and Include a New Kind of Tough Leaf. Annals of Botany, 2008, 101, 1363-1377. | 2.9 | 36 |
| 85 | The isotopic ecology of African mole rats informs hypotheses on the evolution of human diet. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 1723-1730. | 2.6 | 63 |
| 86 | Light habitats and the role of polarized iridescence in the sensory ecology of neotropical nymphalid butterflies (Lepidoptera: Nymphalidae). Journal of Experimental Biology, 2007, 210, 788-799. | 1.7 | 56 |
| 87 | Effect of color vision phenotype on the foraging of wild white-faced capuchins, Cebus capucinus. Behavioral Ecology, 2007, 18, 292-297. | 2.2 | 53 |
| 88 | Diet and the evolution of human amylase gene copy number variation. Nature Genetics, 2007, 39, 1256-1260. | 21.4 | 1,202 |
| 89 | A brief review of the recent evolution of the human mouth in physiological and nutritional contexts. Physiology and Behavior, 2006, 89, 36-38. | 2.1 | 18 |
| 90 | Polymorphism of visual pigment genes in the muriqui (Primates, Atelidae). Molecular Ecology, 2005, 15, 551-558. | 3.9 | 32 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Light levels used during feeding by primate species with different color vision phenotypes. Behavioral Ecology and Sociobiology, 2005, 58, 618-629. | 1.4 | 36 |
| 92 | Seed-spitting Primates and the Conservation and Dispersion of Large-seeded Trees. International Journal of Primatology, 2005, 26, 631-649. | 1.9 | 34 |
| 93 | Guest Editorial: Publication and Citation Trends in the International Journal of Primatology: 1980â€“2003. International Journal of Primatology, 2004, 25, 751-754. | 1.9 | 2 |
| 94 | Evolution of the special senses in primates: Past, present, and future. The Anatomical Record, 2004, 281A, 1078-1082. | 1.8 | 46 |
| 95 | Meissner corpuscles and somatosensory acuity: The prehensile appendages of primates and elephants. The Anatomical Record, 2004, 281A, 1138-1147. | 1.8 | 104 |
| 96 | Significance of color, calories, and climate to the visual ecology of catarrhines. American Journal of Primatology, 2004, 62, 189-207. | 1.7 | 58 |
| 97 | Fruits, Fingers, and Fermentation: The Sensory Cues Available to Foraging Primates. Integrative and Comparative Biology, 2004, 44, 295-303. | 2.0 | 105 |
| 98 | Adaptive function of soil consumption: an in vitro study modeling the human stomach and small intestine. Journal of Experimental Biology, 2004, 207, 319-324. | 1.7 | 97 |
| 99 | Color as an Indicator of Food Quality to Anthropoid Primates: Ecological Evidence and an Evolutionary Scenario. , 2004, , 615-644. | | 40 |
| 100 | Title is missing!. International Journal of Primatology, 2003, 24, 919-920. | 1.9 | 0 |
| 101 | Do female tamarins use visual cues to detect fruit rewards more successfully than do males?. Animal Behaviour, 2003, 66, 829-837. | 1.9 | 53 |
| 102 | Historical contingency in the evolution of primate color vision. Journal of Human Evolution, 2003, 44, 25-45. | 2.6 | 96 |
| 103 | EVOLUTION AND FUNCTION OF ROUTINE TRICHROMATIC VISION IN PRIMATES. Evolution; International Journal of Organic Evolution, 2003, 57, 2636-2643. | 2.3 | 127 |
| 104 | EVOLUTION AND FUNCTION OF ROUTINE TRICHROMATIC VISION IN PRIMATES. Evolution; International Journal of Organic Evolution, 2003, 57, 2636. | 2.3 | 10 |
| 105 | Mechanics and chemistry of rain forest leaves: canopy and understorey compared*. Journal of Experimental Botany, 2003, 54, 2007-2014. | 4.8 | 61 |
| 106 | Dietary analysis I: Food physics. , 2003, , 184-198. | | 26 |
| 107 | Dietary analysis II: Food chemistry. , 2003, , 199-213. | | 2 |
| 108 | Why are young leaves red?. Oikos, 2002, 98, 163-176. | 2.7 | 80 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Incidence of red leaves in the rainforest of Kibale National Park, Uganda: shadeâ€tolerators and lightâ€demanders compared. African Journal of Ecology, 2002, 40, 94-96. | 0.9 | 8 |
| 110 | GPS and GIS Methods in an African Rain Forest: Applications to Tropical Ecology and Conservation. Ecology and Society, 2002, 5, . | 0.9 | 16 |
| 111 | The sensory ecology of primate food perception. Evolutionary Anthropology, 2001, 10, 171-186. | 3.4 | 184 |
| 112 | Ecological importance of trichromatic vision to primates. Nature, 2001, 410, 363-366. | 27.8 | 456 |
| 113 | Field Kit to Characterize Physical, Chemical and Spatial Aspects of Potential Primate Foods. Folia Primatologica, 2001, 72, 11-25. | 0.7 | 132 |
| 114 | Mechanical Defences to Herbivory. Annals of Botany, 2000, 86, 913-920. | 2.9 | 380 |
| 115 | A Study in Offspring Herds. Scientific American, 1921, 125, 46-47. | 1.0 | 0 |
| 116 | Dietary analysis I: food physics. , 0, , 237-254. | | 1 |
| 117 | Dietary analysis II: food chemistry. , 0, , 255-270. | | 2 |
| 118 | Frankenstein and the Horrors of Competitive Exclusion. BioScience, 0, , biw133. | 4.9 | 0 |