RESEARCH & PUBLICATIONS

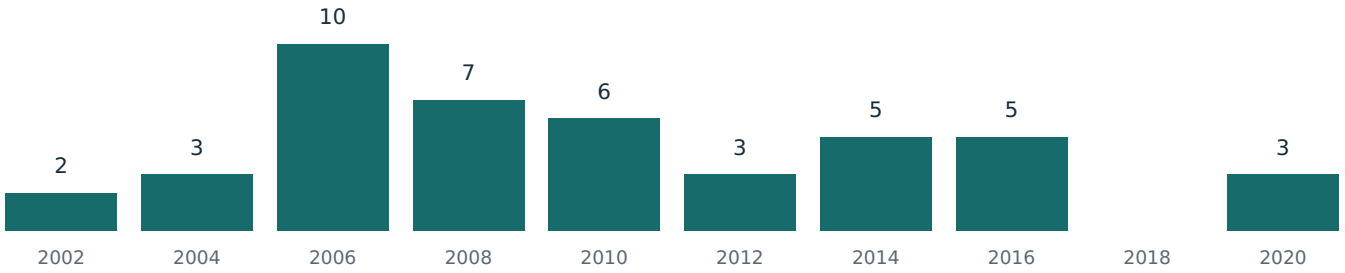
Nicholas Putnam

A publication record at a glance

44	33,555	37
ARTICLES	CITATIONS	h-INDEX

PUBLICATION ACTIVITY

Articles grouped into 2-year periods



MOST CITED IN THIS LIST

Phytozome: A Comparative Platform for Green Plant Genomics — 4,659
2012 Nucleic Acids Research

The Genome of Black Cottonwood, Populus trichocarpa (Torr. & Gray) — 4,057
2006 Science

Towards Complete and Error-Free Genome Assemblies of All Vertebrate Species — 2,830
2021 Nature

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Ordered by citations, highest first

01	Phytozome: A Comparative Platform for Green Plant Genomics Nucleic Acids Research · 2012 · 40, D1178-86 https://exaly.com/article/52623328	4,659 citations
02	The Genome of Black Cottonwood, Populus trichocarpa (Torr. & Gray) Science · 2006 · 313, 1596-604 https://exaly.com/article/40604297	4,057 citations
03	Towards Complete and Error-Free Genome Assemblies of All Vertebrate Species Nature · 2021 · 592, 737-746 https://exaly.com/article/80206592	2,830 citations
04	The Genome of the Diatom Thalassiosira pseudonana: Ecology, Evolution, and Metabolism Science · 2004 · 306, 79-86 https://exaly.com/article/36949990	1,952 citations
05	The Draft Genome of Ciona intestinalis: Insights Into Chordate and Vertebrate Origins Science · 2002 · 298, 2157-67 https://exaly.com/article/34128503	1,523 citations
06	The Amphioxus Genome and the Evolution of the Chordate Karyotype Nature · 2008 · 453, 1064-1071 https://exaly.com/article/43645321	1,468 citations
07	Whole-Genome Shotgun Assembly and Analysis of the Genome of Fugu Rubripes Science · 2002 · 297, 1301-10 https://exaly.com/article/34074205	1,458 citations
08	Sea Anemone Genome Reveals Ancestral Eumetazoan Gene Repertoire and Genomic Organization Science · 2007 · 317, 86-94 https://exaly.com/article/42102627	1,405 citations
09	Genome Sequencing and Analysis of the Biomass-Degrading Fungus Trichoderma reesei (Syn. Hypocrea jecorina) Nature Biotechnology · 2008 · 26, 553-560 https://exaly.com/article/43659046	1,185 citations
10	The Genome of the Choanoflagellate Monosiga brevicollis and the Origin of Metazoans Nature · 2008 · 451, 783-788 https://exaly.com/article/43645070	1,032 citations

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11	Phytophthora Genome Sequences Uncover Evolutionary Origins and Mechanisms of Pathogenesis Science · 2006 · 313, 1261-6 https://exaly.com/article/39823031	999 citations
12	The Amphimedon queenslandica Genome and the Evolution of Animal Complexity Nature · 2010 · 466, 720-726 https://exaly.com/article/48503491	937 citations
13	Genome Sequence of the Lignocellulose Degrading Fungus Phanerochaete chrysosporium Strain RP78 Nature Biotechnology · 2004 · 22, 695-700 https://exaly.com/article/36808008	879 citations
14	Genome Evolution in the Allotetraploid Frog Xenopus laevis Nature · 2016 · 538, 336-343 https://exaly.com/article/64778173	842 citations
15	The Trichoplax Genome and the Nature of Placozoans Nature · 2008 · 454, 955-960 https://exaly.com/article/43645531	819 citations
16	The Genome of the Western Clawed Frog Xenopus tropicalis Science · 2010 · 328, 633-6 https://exaly.com/article/49269370	758 citations
17	The Dynamic Genome of Hydra Nature · 2010 · 464, 592-596 https://exaly.com/article/48503128	727 citations
18	Metagenomic Analysis of Two Enhanced Biological Phosphorus Removal (EBPR) Sludge Communities Nature Biotechnology · 2006 · 24, 1263-1269 https://exaly.com/article/40433235	670 citations
19	Reverse Methanogenesis: Testing the Hypothesis With Environmental Genomics Science · 2004 · 305, 1457-62 https://exaly.com/article/37417349	633 citations
20	Chromosome-Scale Shotgun Assembly Using an in Vitro Method for Long-Range Linkage Genome Research · 2016 · 26, 342-350 https://exaly.com/article/64035808	625 citations

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21 The Tiny Eukaryote Ostreococcus Provides Genomic Insights Into the Paradox of Plankton Speciation — 589 citations

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22 The Genome of the Ctenophore Mnemiopsis leidyi and Its Implications for Cell Type Evolution — 581 citations

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23 Insights Into Bilaterian Evolution From Three Spiralian Genomes — 549 citations

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24 The Amphioxus Genome Illuminates Vertebrate Origins and Cephalochordate Biology — 461 citations

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25 Genomic Analysis of the Uncultivated Marine Crenarchaeote Cenarchaeum symbiosum — 417 citations

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26 Deeply Conserved Synteny Resolves Early Events in Vertebrate Evolution — 308 citations

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27 Hemichordate Genomes and Deuterostome Origins — 220 citations

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28 Comparative Genomics of the Social Amoebae Dictyostelium discoideum and Dictyostelium purpureum — 150 citations

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29 Computational Analysis of the Phanerochaete chrysosporium v2.0 Genome Database and Mass Spectrometry Identification of Peptides in Ligninolytic Cultures Reveal Complex Mixtures of Secreted Proteins — 144 citations

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30 Genome Biology of the Paleotetraploid Perennial Biomass Crop Miscanthus — 111 citations
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31 Joint Assembly and Genetic Mapping of the Atlantic Horseshoe Crab Genome Reveals Ancient Whole Genome Duplication — 91 citations
GigaScience · 2014 · 3, 9
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32 Domain Shuffling and the Evolution of Vertebrates — 87 citations
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33 A Physical Map of the Highly Heterozygous Populus Genome: Integration With the Genome Sequence and Genetic Map and Analysis of Haplotype Variation — 73 citations
Plant Journal · 2007 · 50, 1063-1078
https://exaly.com/article/42871664

34 The Transcriptome of an Amphioxus, Asymmetron lucayanum, From the Bahamas: A Window Into Chordate Evolution — 65 citations
Genome Biology and Evolution · 2014 · 6, 2681-96
https://exaly.com/article/57645733

35 Chromosomal Mapping of 170 BAC Clones in the Ascidian Ciona intestinalis — 45 citations
Genome Research · 2006 · 16, 297-303
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36 Timing and Scope of Genomic Expansion Within Annelida: Evidence From Homeoboxes in the Genome of the Earthworm Eisenia fetida — 44 citations
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37 Evolutionary Profiling Reveals the Heterogeneous Origins of Classes of Human Disease Genes: Implications for Modeling Disease Genetics in Animals — 37 citations
BMC Evolutionary Biology · 2014 · 14, 1-18
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38 Constraints on Genes Shape Long-Term Conservation of Macro-Synteny in Metazoan Genomes — 29 citations
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39 Low Coverage Sequencing of Three Echinoderm Genomes: The Brittle Star Ophionereis fasciata, the Sea Star Patiriella Regularis, and the Sea Cucumber Australostichopus mollis — 27 citations
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40 Evolution of the Perlecan/HSPG2 Gene and Its Activation in Regenerating Nematostella vectensis

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41 Conserved Noncoding Elements in the Most Distant Genera of Cephalochordates: The Goldilocks Principle

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42 The 2nd DBCLS BioHackathon: Interoperable Bioinformatics Web Services for Integrated Applications

17 citations

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43 Title unavailable

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https://exaly.com/article/149581613

44 Comparative Pair-Wise Domain-Combinations for Screening the Clade Specific Domain-Architectures in Metazoan Genomes

0 citations

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