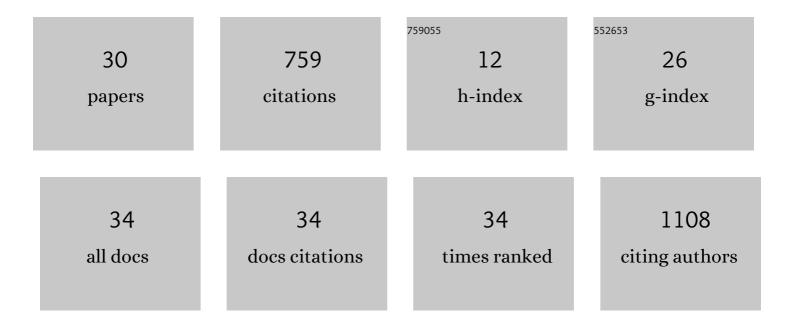
## Francesco Catania

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3665949/publications.pdf

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#	Article	IF	CITATIONS
1	Global climate change, diet, and the complex relationship between human host and microbiome: Towards an integrated picture. BioEssays, 2021, 43, e2100049.	1.2	9
2	Does Cancer Biology Rely on Parrondo's Principles?. Cancers, 2021, 13, 2197.	1.7	7
3	Bridging Tumorigenesis and Therapy Resistance With a Non-Darwinian and Non-Lamarckian Mechanism of Adaptive Evolution. Frontiers in Oncology, 2021, 11, 732081.	1.3	3
4	Fifty Generations of Amitosis: Tracing Asymmetric Allele Segregation in Polyploid Cells with Single-Cell DNA Sequencing. Microorganisms, 2021, 9, 1979.	1.6	4
5	One cell, two gears: extensive somatic genome plasticity accompanies high germline genome stability in Paramecium. Genome Biology and Evolution, 2021, , .	1.1	4
6	Cross-Generational Effects and Non-random Developmental Response to Temperature Variation in Paramecium. Frontiers in Cell and Developmental Biology, 2020, 8, 584219.	1.8	4
7	What's Genetic Variation Got to Do with It? Starvation-Induced Self-Fertilization Enhances Survival in Paramecium. Genome Biology and Evolution, 2020, 12, 626-638.	1.1	6
8	Environmentally induced plasticity of programmed DNA elimination boosts somatic variability in <i>Paramecium tetraurelia</i> . Genome Research, 2019, 29, 1693-1704.	2.4	17
9	Insulin-like signaling within and beyond metazoans. Biological Chemistry, 2018, 399, 851-857.	1.2	17
10	Linking autoimmunity to the origin of the adaptive immune system. Evolution, Medicine and Public Health, 2018, 2018, 2-12.	1.1	7
11	In vivo competition and horizontal gene transfer among distinct Staphylococcus aureus lineages as major drivers for adaptational changes during long-term persistence in humans. BMC Microbiology, 2018, 18, 152.	1.3	24
12	The hologenome concept: we need to incorporate function. Theory in Biosciences, 2017, 136, 89-98.	0.6	17
13	From intronization to intron loss: How the interplay between mRNA-associated processes can shape the architecture and the expression of eukaryotic genes. International Journal of Biochemistry and Cell Biology, 2017, 91, 136-144.	1.2	8
14	Exploring the Impact of Cleavage and Polyadenylation Factors on Pre-mRNA Splicing Across Eukaryotes. G3: Genes, Genomes, Genetics, 2017, 7, 2107-2114.	0.8	6
15	mRNA-Associated Processes and Their Influence on Exon-Intron Structure in <i>Drosophila melanogaster</i> . G3: Genes, Genomes, Genetics, 2016, 6, 1617-1626.	0.8	6
16	On the path to genetic novelties: insights from programmed DNA elimination and RNA splicing. Wiley Interdisciplinary Reviews RNA, 2015, 6, 547-561.	3.2	11
17	Cis-acting signals modulate the efficiency of programmed DNA elimination inParamecium tetraurelia. Nucleic Acids Research, 2015, 43, 8157-8168.	6.5	6
18	Environmental heat stress induces epigenetic transgenerational inheritance of robustness in parthenogenetic <i>Artemia</i> model. FASEB Journal, 2014, 28, 3552-3563.	0.2	116

FRANCESCO CATANIA

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19	Historic occurrence of parthenogenetic Artemia in Great Salt Lake, USA, as demonstrated by molecular analysis of field samples. Journal of Great Lakes Research, 2013, 39, 47-55.	0.8	5
20	A simple model to explain evolutionary trends of eukaryotic gene architecture and expression. BioEssays, 2013, 35, 561-570.	1.2	13
21	Spliced DNA Sequences in the Paramecium Germline: Their Properties and Evolutionary Potential. Genome Biology and Evolution, 2013, 5, 1200-1211.	1.1	19
22	The Repatterning of Eukaryotic Genomes by Random Genetic Drift. Annual Review of Genomics and Human Genetics, 2011, 12, 347-366.	2.5	114
23	Evolutionary dynamics of a conserved sequence motif in the ribosomal genes of the ciliate Paramecium. BMC Evolutionary Biology, 2010, 10, 129.	3.2	2
24	Endogenous Mechanisms for the Origins of Spliceosomal Introns. Journal of Heredity, 2009, 100, 591-596.	1.0	19
25	Genetic Diversity in the Paramecium aurelia Species Complex. Molecular Biology and Evolution, 2009, 26, 421-431.	3.5	82
26	Where Do Introns Come From?. PLoS Biology, 2008, 6, e283.	2.6	54
27	African Sequence Variation Accounts for Most of the Sequence Polymorphism in Non-African Drosophila melanogaster. Genetics, 2005, 170, 1701-1709.	1.2	8
28	Non-African Origin of a Local Beneficial Mutation in D. melanogaster. Molecular Biology and Evolution, 2005, 22, 265-272.	3.5	3
29	World-wide survey of an Accord insertion and its association with DDT resistance in Drosophila melanogaster. Molecular Ecology, 2004, 13, 2491-2504.	2.0	131
30	An RFLP database for authentication of commercial cyst samples of the brine shrimp Artemia spp. (International Study on Artemia LXX). Aquaculture, 2004, 231, 93-112.	1.7	33