

# Roberto Ibáñez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/535253/publications.pdf>

Version: 2024-02-01

24  
papers

1,458  
citations

516710

16  
h-index

610901

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1397  
citing authors

#	ARTICLE	IF	CITATIONS
1	Catastrophic Population Declines and Extinctions in Neotropical Harlequin Frogs (Bufonidae: Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.6	254
2	Skin bacterial diversity of Panamanian frogs is associated with host susceptibility and presence of <i>Batrachochytrium dendrobatidis</i> . ISME Journal, 2016, 10, 1682-1695.	9.8	194
3	Antifungal isolates database of amphibian skin-associated bacteria and function against emerging fungal pathogens. Ecology, 2015, 96, 595-595.	3.2	192
4	Panamanian frog species host unique skin bacterial communities. Frontiers in Microbiology, 2015, 6, 1171.	3.5	144
5	Shifts in disease dynamics in a tropical amphibian assemblage are not due to pathogen attenuation. Science, 2018, 359, 1517-1519.	12.6	127
6	The Great American Biotic Interchange in frogs: Multiple and early colonization of Central America by the South American genus <i>Pristimantis</i> (Anura: Craugastoridae). Molecular Phylogenetics and Evolution, 2012, 62, 954-972.	2.7	103
7	Toxins and pharmacologically active compounds from species of the family Bufonidae (Amphibia, Tj ETQq1 1 0.784314 rgBT /Overlock	4.1	77
8	Chytridiomycosis and Amphibian Population Declines Continue to Spread Eastward in Panama. EcoHealth, 2008, 5, 268-274.	2.0	59
9	Environmental and Host Effects on Skin Bacterial Community Composition in Panamanian Frogs. Frontiers in Microbiology, 2018, 9, 298.	3.5	49
10	DNA barcoding applied to <i>ex situ</i> tropical amphibian conservation programme reveals cryptic diversity in captive populations. Molecular Ecology Resources, 2013, 13, 1005-1018.	4.8	46
11	Ubiquity of the Pathogenic Chytrid Fungus, <i>Batrachochytrium dendrobatidis</i> , in Anuran Communities in Panamá. EcoHealth, 2010, 7, 537-548.	2.0	30
12	Conserving Panamanian harlequin frogs by integrating captive-breeding and research programs. Biological Conservation, 2019, 236, 180-187.	4.1	29
13	Effects of captivity and rewilding on amphibian skin microbiomes. Biological Conservation, 2022, 271, 109576.	4.1	25
14	Viscosin-like lipopeptides from frog skin bacteria inhibit <i>Aspergillus fumigatus</i> and <i>Batrachochytrium dendrobatidis</i> detected by imaging mass spectrometry and molecular networking. Scientific Reports, 2019, 9, 3019.	3.3	23
15	Systematics of the <i>Rhinella margaritifera</i> complex (Anura, Bufonidae) from western Ecuador and Panama with insights in the biogeography of <i>Rhinella alata</i> . ZooKeys, 2015, 501, 109-145.	1.1	21
16	Evaluating Group Housing Strategies for the Ex-Situ Conservation of Harlequin Frogs ( <i>Atelopus</i> spp.) Using Behavioral and Physiological Indicators. PLoS ONE, 2014, 9, e90218.	2.5	19
17	Whole exome sequencing identifies the potential for genetic rescue in iconic and critically endangered Panamanian harlequin frogs. Global Change Biology, 2021, 27, 50-70.	9.5	15
18	Antimicrobial Secretions of Toads (Anura, Bufonidae): Bioactive Extracts and Isolated Compounds against Human Pathogens. Antibiotics, 2020, 9, 843.	3.7	13

#	ARTICLE	IF	CITATIONS
19	Bufadienolides from the Skin Secretions of the Neotropical Toad <i>Rhinella alata</i> (Anura: Bufonidae): Antiprotozoal Activity against <i>Trypanosoma cruzi</i> . <i>Molecules</i> , 2021, 26, 4217.	3.8	11
20	Body condition, skin bacterial communities and disease status: insights from the first release trial of the limosa harlequin frog, <i>Atelopus limosus</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	2.6	7
21	External Reinfection of a Fungal Pathogen Does not Contribute to Pathogen Growth. <i>EcoHealth</i> , 2018, 15, 815-826.	2.0	6
22	Recent and Rapid Radiation of the Highly Endangered Harlequin Frogs ( <i>Atelopus</i> ) into Central America Inferred from Mitochondrial DNA Sequences. <i>Diversity</i> , 2020, 12, 360.	1.7	6
23	Metabolites from Microbes Isolated from the Skin of the Panamanian Rocket Frog <i>Colostethus panamansis</i> (Anura: Dendrobatidae). <i>Metabolites</i> , 2020, 10, 406.	2.9	4
24	19-Hydroxy-bufalin, a major bufadienolide isolated from the parotoid gland secretions of the Panamanian endemic toad <i>Rhinella centralis</i> (Bufonidae), inhibits the growth of <i>Trypanosoma cruzi</i> . <i>Toxicon</i> , 2020, 177, 89-92.	1.6	4