

Yzel R Suárez

List of Publications by Year in descending order

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93
papers

1,415
citations

430874

18
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414414

32
g-index

94
all docs

94
docs citations

94
times ranked

2451
citing authors

#	ARTICLE	IF	CITATIONS
1	BioTIME: A database of biodiversity time series for the Anthropocene. <i>Global Ecology and Biogeography</i> , 2018, 27, 760-786.	5.8	289
2	Thresholds of freshwater biodiversity in response to riparian vegetation loss in the Neotropical region. <i>Journal of Applied Ecology</i> , 2020, 57, 1391-1402.	4.0	100
3	Regeneration of riparian forests of the Brazilian Pantanal under flood and fire influence. <i>Forest Ecology and Management</i> , 2014, 331, 256-263.	3.2	54
4	Factors determining the structure of fish communities in Pantanal lagoons (MS, Brazil). <i>Fisheries Management and Ecology</i> , 2001, 8, 173-186.	2.0	51
5	Factors regulating diversity and abundance of fish communities in Pantanal lagoons, Brazil. <i>Fisheries Management and Ecology</i> , 2004, 11, 45-50.	2.0	51
6	Intra- and interspecific variation of cuticular hydrocarbon composition in two <i>Ectatomma</i> species (Hymenoptera: Formicidae) based on Fourier transform infrared photoacoustic spectroscopy. <i>Genetics and Molecular Research</i> , 2008, 7, 559-566.	0.2	37
7	Organization patterns of headwater-stream fish communities in the Upper Paraguayâ€“ParanÃ¡ basins. <i>Hydrobiologia</i> , 2007, 583, 241-250.	2.0	29
8	Action of Ants on Vertebrate Carcasses and Blow Flies (Calliphoridae). <i>Journal of Medical Entomology</i> , 2016, 53, 1283-1291.	1.8	29
9	Age-related changes in the surface pheromones of the wasp <i>Mischocyttarus consimilis</i> (Hymenoptera:). Tj ETQq1 1 0,784314.jpg BT /O	0.2	28
10	Patterns of species richness and composition of fish assemblages in streams of the Ivinhema River basin, Upper ParanÃ¡ River. <i>Acta Limnologica Brasiliensia</i> , 2011, 23, 177-188.	0.4	27
11	Influence of temperature on survival and cuticular chemical profile of social wasps. <i>Journal of Thermal Biology</i> , 2018, 71, 221-231.	2.5	26
12	The Response of Neotropical Fish Species (Brazil) on the Water Pollution: Metal Bioaccumulation and Genotoxicity. <i>Archives of Environmental Contamination and Toxicology</i> , 2018, 75, 476-485.	4.1	26
13	Environmental factors predicting fish community structure in two neotropical rivers in Brazil. <i>Neotropical Ichthyology</i> , 2007, 5, 61-68.	1.0	23
14	Use of fish scales in environmental monitoring by the application of Laser-Induced Breakdown Spectroscopy (LIBS). <i>Chemosphere</i> , 2019, 228, 258-263.	8.2	23
15	Stream fish metacommunity organisation across a Neotropical ecoregion: The role of environment, anthropogenic impact and dispersal-based processes. <i>PLoS ONE</i> , 2020, 15, e0233733.	2.5	23
16	CaracterizaÃ§Ã£o e influÃªncia dos fatores ambientais nas assemblÃ©ias de peixes de riachos em duas microbacias urbanas, Alto Rio ParanÃ¡. <i>Biota Neotropica</i> , 2010, 10, 143-151.	1.0	23
17	Trophic ecology of two piranha species, <i>Pygocentrus nattereri</i> and <i>Serrasalmus marginatus</i> (Characiformes, Characidae), in the floodplain of the Negro River, Pantanal. <i>Acta Limnologica Brasiliensia</i> , 2014, 26, 381-391.	0.4	23
18	Spatial distribution of fish assemblages along environmental gradients in the temporary ponds of Northern Pantanal, Brazil. <i>Journal of Limnology</i> , 2013, 72, 8.	1.1	22

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19	Temporal variation in the composition of ant assemblages (Hymenoptera, Formicidae) on trees in the Pantanal floodplain, Mato Grosso do Sul, Brazil. <i>Revista Brasileira De Entomologia</i> , 2013, 57, 84-90.	0.4	20
20	Use of Fourier transform infrared spectroscopy to monitor sugars in the beer mashing process. <i>Food Chemistry</i> , 2018, 263, 112-118.	8.2	20
21	Length-weight relationships and length at first maturity for fish species in the upper Miranda River, southern Pantanal wetland, Brazil. <i>Journal of Applied Ichthyology</i> , 2012, 28, 143-145.	0.7	19
22	Effects of Flood Pulse Dynamics on Functional Diversity of Macrophyte Communities in the Pantanal Wetland. <i>Wetlands</i> , 2018, 38, 975-991.	1.5	18
23	Bioaccumulation of metal in liver tissue of fish in response to water toxicity of the Araguari-Amazon River, Brazil. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 781.	2.7	16
24	Fourier transform infrared photoacoustic spectroscopy as a potential tool in assessing the role of diet in cuticular chemical composition of <i>Ectatomma brunneum</i> . <i>Genetics and Molecular Research</i> , 2014, 13, 10035-10048.	0.2	16
25	Discrimination of Transgenic and Conventional Soybean Seeds by Fourier Transform Infrared Photoacoustic Spectroscopy. <i>Applied Spectroscopy</i> , 2008, 62, 1044-1047.	2.2	15
26	A multifaceted approach to analyzing taxonomic, functional, and phylogenetic $\hat{\alpha}^2$ diversity. <i>Ecology</i> , 2020, 101, e03122.	3.2	15
27	Variação espacial e temporal nas assembleias de peixes de riachos na bacia do rio Guiraã, Alto Rio Paranã. <i>Biota Neotropica</i> , 2009, 9, 101-111.	1.0	15
28	Variação espacial e temporal na diversidade e composição de espécies de peixes em riachos da bacia do Rio Ivinhema, Alto Rio Paranã. <i>Biota Neotropica</i> , 2008, 8, 197-204.	1.0	14
29	Social Parasitism and Dynamics of Cuticular Hydrocarbons in Paper Wasps of the Genus <i>Mischocyttarus</i> . <i>Journal of the Kansas Entomological Society</i> , 2013, 86, 69-77.	0.2	14
30	Assemblage of fish species associated with aquatic macrophytes in Porto Murtinho Pantanal, Mato Grosso do Sul, Brazil. <i>Biota Neotropica</i> , 2013, 13, 182-189.	1.0	14
31	Gradientes de diversidade nas comunidades de peixes da bacia do rio Iguatemi, Mato Grosso do Sul, Brasil. <i>Iheringia - Serie Zoologia</i> , 2006, 96, 197-204.	0.5	13
32	Functional and phylogenetic dimensions are more important than the taxonomic dimension for capturing variation in stream fish communities. <i>Austral Ecology</i> , 2018, 43, 2-12.	1.5	13
33	LIFE HISTORY TRAITS OF ODONTOSTILBE PEQUIRA (STEINDACHNER, 1882) IN THE PANTANAL OF PORTO MURTINHO, MATO GROSSO DO SUL STATE, BRAZIL. <i>Oecologia Australis</i> , 2012, 16, 878-890.	0.2	13
34	Reproductive ecology of <i>Odontostilbe pequirá</i> (Steindachner, 1882) (Characidae, Cheirodontinae) in the Paraguay River, southern Pantanal, Brazil. <i>Environmental Biology of Fishes</i> , 2014, 97, 13-25.	1.0	12
35	Assessing the potential of a protected area for fish conservation in a neotropical wetland. <i>Biodiversity and Conservation</i> , 2014, 23, 3185-3198.	2.6	12
36	Fish species diversity in headwaters streams of Paraguay and Paranã Basins. <i>Brazilian Archives of Biology and Technology</i> , 2007, 50, 1033-1042.	0.5	11

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37	Reproductive biology of <i>Astyanax lacustris</i> (Characiformes: Characidae) in the southern Pantanal floodplain, upper Paraguay River basin, Brazil. <i>Environmental Biology of Fishes</i> , 2017, 100, 775-783.	1.0	11
38	Checklist da ictiofauna do Estado de Mato Grosso do Sul, Brasil. <i>Iheringia - Serie Zoologia</i> , 2017, 107, .	0.5	11
39	Erythrocyte Nuclear Abnormalities in <i>Astyanax lacustris</i> in Response to Landscape Characteristics in Two Neotropical Streams. <i>Archives of Environmental Contamination and Toxicology</i> , 2018, 75, 327-334.	4.1	11
40	Aspectos populacionais de <i>Serrapinnus notomelas</i> (Eigenmann, 1915) e <i>Bryconamericus stramineus</i> Eigenmann, 1908 (Characiformes: Characidae) em riachos da bacia do rio Ivinhema, Alto Rio Paran�i. <i>Biota Neotropica</i> , 2008, 8, 43-49.	1.0	11
41	Distinct linear hydrocarbon profiles and chemical strategy of facultative parasitism among <i>Mischocyttarus</i> wasps. <i>Genetics and Molecular Research</i> , 2012, 11, 4351-4359.	0.2	10
42	Influence of environmental integrity on the feeding biology of <i>Astyanax altiparanae</i> (Garutti & Britski, 2000) in the Ivinhema river basin - doi: 10.4025/actasciobiolsci.v35i4.19497. <i>Acta Scientiarum - Biological Sciences</i> , 2013, 35, .	0.3	10
43	Influence of environmental integrity on the reproductive biology of <i>Astyanax altiparanae</i> Garutti & Britski, 2000 in the Ivinhema river basin. <i>Acta Scientiarum - Biological Sciences</i> , 2014, 36, 165.	0.3	10
44	Fourier transform-infrared photoacoustic spectroscopy applied in fish scales to access environmental integrity: A case study of <i>Astyanax altiparanae</i> species. <i>Infrared Physics and Technology</i> , 2015, 72, 84-89.	2.9	10
45	Reproductive biology of <i>Hyphessobrycon eques</i> (Characiformes: Characidae) in Southern Pantanal, Brazil. <i>Brazilian Journal of Biology</i> , 2019, 79, 70-79.	0.9	10
46	Determinants of changes in fish diversity and composition in floodplain lakes in two basins in the Pantanal wetlands, Brazil. <i>Environmental Biology of Fishes</i> , 2016, 99, 265-274.	1.0	9
47	Ecology of <i>Phallotorynus pankalos</i> (Cyprinodontiformes: Poeciliidae) in a first-order stream of the upper Paran�i Basin. <i>Neotropical Ichthyology</i> , 2009, 7, 49-54.	1.0	9
48	Mutagenic and genotoxic effects and metal contaminations in fish of the Amambai River, Upper Paran�i River, Brazil. <i>Environmental Science and Pollution Research</i> , 2017, 24, 27104-27112.	5.3	8
49	Survey of fish species from plateau streams of the Miranda River Basin in the Upper Paraguay River Region, Brazil. <i>Biota Neotropica</i> , 2017, 17, .	1.0	8
50	Life history characteristics and recruitment of fish under the effect of different hydrological regimes in a tropical floodplain. <i>Environmental Biology of Fishes</i> , 2018, 101, 1369-1384.	1.0	8
51	Fish, lower Ivinhema River basin streams, state of Mato Grosso do Sul, Brazil. <i>Check List</i> , 2008, 4, 226.	0.4	8
52	Influence of environmental integrity on feeding, condition and reproduction of <i>Phalloceros harpagos</i> Lucinda, 2008 in the Tarum� stream micro-basin. <i>Acta Scientiarum - Biological Sciences</i> , 2014, 36, 181.	0.3	7
53	Flood pulse are the main determinant of feeding dynamics and composition of <i>Odontostilbe pequir�</i> (Characiformes: Characidae) in southern Pantanal, Brazil. <i>Acta Limnologica Brasiliensia</i> , 2016, 28, .	0.4	7
54	Reproductive ecology of <i>Otocinclus vittatus</i> (Regan, 1904) in the Pantanal floodplain, upper Paraguay River basin. <i>Brazilian Journal of Biology</i> , 2019, 79, 735-741.	0.9	7

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55	<sc>NEOTROPICAL FRESHWATER FISHES</sc>: A dataset of occurrence and abundance of freshwater fishes in the Neotropics. <i>Ecology</i> , 2023, 104, e3713.	3.2	7
56	Population ecology of Red-bellied Piranha <i>Pygocentrus nattereri</i> Kner, 1858 (Characidae:). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (</i>	1.0	6
57	Toxicogenetic effects on fish species in two sub-basins of the upper Paraguay river, Southern Pantanal " Brazil. <i>Chemosphere</i> , 2021, 264, 128383.	8.2	6
58	Spatial connectivity of aquatic macrophytes and flood cycle influence species richness of an ant community of a Brazilian floodplain. <i>Sociobiology</i> , 2013, 60, 41-49.	0.5	6
59	Influence of local and landscape characteristics on the distribution and diversity of fish assemblages of streams in the Ivinhema River basin, Upper Paraná River. <i>Acta Limnologica Brasiliensia</i> , 2013, 25, 451-462.	0.4	6
60	Population aspects of <i>Bryconamericus stramineus</i> in streams of the upper Paraná River basin, Brazil. <i>Biota Neotropica</i> , 2011, 11, 55-62.	1.0	5
61	Differentiation of Neotropical Fish Species with Statistical Analysis of Fourier Transform Infrared Photoacoustic Spectroscopy Data. <i>Applied Spectroscopy</i> , 2012, 66, 782-785.	2.2	5
62	Discrimination of <i>Astyanax altiparanae</i> (Characiformes, Characidae) populations by applying Fourier transform-infrared photoacoustic spectroscopy in the fish scales. <i>Infrared Physics and Technology</i> , 2016, 76, 303-307.	2.9	5
63	Effect of Human Disturbance on Colony Productivity of the Social Wasp <i>Polistes versicolor</i> Olivier (Hymenoptera: Vespidae). <i>Sociobiology</i> , 2014, 61, .	0.5	5
64	Can the Chlorophyll-a Fluorescence be Useful in Identifying Acclimated Young Plants from Two Populations of <i>Cecropia Pachystachya</i> Trec. (Urticaceae), Under Elevated CO ₂ Concentrations?. <i>Journal of Fluorescence</i> , 2015, 25, 49-57.	2.5	4
65	Life-history traits of <i>Farlowella hahni</i> (Siluriformes, Loricariidae) in streams of the Ivinhema River Basin, Upper Paraná Basin. <i>Brazilian Journal of Biology</i> , 2019, 79, 286-293.	0.9	4
66	Resource use by omnivorous fish: Effects of biotic and abiotic factors on key ecological aspects of individuals. <i>Ecology of Freshwater Fish</i> , 2021, 30, 222-233.	1.4	4
67	PARÃ,METROS POPULACIONAIS, PERÃODO REPRODUTIVO E CRESCIMENTO DE <i>Prochilodus lineatus</i> (CHARACIFORMES, PROCHILODONTIDAE) NA CABECEIRA DO RIO MIRANDA, ALTO RIO PARAGUAI. <i>Oecologia Australis</i> , 2012, 16, 891-904.	0.2	4
68	Polydomy in the ant <i>Ectatomma opaciventre</i> . <i>Journal of Insect Science</i> , 2014, 14, 21.	1.5	3
69	Laser-induced fluorescence in fish scales to evaluate the environmental integrity of ecosystems. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 165, 80-86.	3.8	3
70	Ichthyofauna of lotic environments in the Ivinhema river basin, upper Paraná river, Mato Grosso do Sul state, Brazil. <i>Biota Neotropica</i> , 2019, 19, .	0.5	3
71	Taxonomic and phylogenetic beta diversity in headwater stream fish communities of the Paraná and Paraguai River basins. <i>Neotropical Ichthyology</i> , 2021, 19, .	1.0	3
72	Estrutura populacional e aspectos reprodutivos de <i>Corydoras aeneus</i> (Siluriformes, Callichthyidae) em riachos da bacia do rio Ivinhema, Alto rio Paraná. <i>Iheringia - Serie Zoologia</i> , 2015, 105, 474-483.	0.5	2

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73	Length-weight relationships for fish species in the main channel of the Negro river, Nhecolândia region of Pantanal, Brazil. <i>Journal of Applied Ichthyology</i> , 2018, 34, 1348-1350.	0.7	2
74	Efficiency analysis of the Australian wastewater treatment system in a pig slaughterhouse. , 0, , 183-192.		2
75	Spatial and temporal variation in population structure of <i>Hemigrammus marginatus</i> (Characiformes: Tj ETQq1 1 0.784314 rgBT / Over 0.5 2	0.5	2
76	Linear Alkanes and Reproductive Status of <i>Polistes versicolor</i> (Hymenoptera: Vespidae) Females in Winter Aggregates. <i>Sociobiology</i> , 2017, 64, 327.	0.5	2
77	Changes in diet of a neotropical cichlid in response to river damming. <i>Acta Scientiarum - Biological Sciences</i> , 2019, 41, 43880.	0.3	1
78	Remoção de herbicida atrazina por meio de filtros de carvão ativado granular associados com microrganismos no tratamento de água para abastecimento. <i>Engenharia Sanitaria E Ambiental</i> , 2021, 26, 263-272.	0.5	1
79	O pagamento por serviços ambientais como ferramenta de recuperação e conservação de zonas ripárias. <i>Research, Society and Development</i> , 2020, 9, e788997752.	0.1	1
80	Feeding ecology of <i>Eigenmannia desantanae</i> (Gymnotiformes: Sternopygidae) in southern Pantanal, Brazil. <i>Acta Limnologica Brasiliensia</i> , 0, 34, .	0.4	1
81	Population parameters and reproduction of the piranha <i>Serrasalmus marginatus</i> in the Negro river, Pantanal, Brazil. <i>Journal of Applied Ichthyology</i> , 2018, 34, 1136-1144.	0.7	0
82	New approaches to basic population ecology studies: Revealing more complex patterns of a small Characidae that inhabit streams. <i>Ecology of Freshwater Fish</i> , 2020, 29, 574-587.	1.4	0
83	Intraspecific discrimination of fish populations by fluorescence spectroscopy. <i>Acta Scientiarum - Technology</i> , 0, 43, e48395.	0.4	0
84	Reproduction of <i>Hypoptopoma inexpectatum</i> (Holmberg, 1893) (Siluriformes, Loricariidae) in the Southern Pantanal Floodplain, Upper Paraguay River Basin, Brazil. <i>Brazilian Journal of Biology</i> , 2021, 81, 326-334.	0.9	0
85	Avaliação de metais nos peixes <i>Astyanax altiparanae</i> , <i>Leporinus friderici</i> e <i>Hypostomus strigaticeps</i> , coletados no Córrego Curral de Arame, Dourados, MS. <i>Ciência E Natura</i> , 2015, 37, .	0.0	0
86	<i>Astyanax lineatus</i> (Perugia, 1891) (Characiformes: Characidae): first record in the upper Paran river basin, Mato Grosso do Sul, Brazil. <i>Check List</i> , 2017, 13, 2094.	0.4	0
87	Interspecific Differentiation in Heavy Metals Concentration in Fishes of the Apa River, Upper Paraguay River Basin. <i>Orbital</i> , 2018, 10, .	0.3	0
88	Análise de parâmetros físicos, químicos e microbiológicos de pontos de monitoramento em área aplicada com vinhaça. <i>Revista Águas Subterráneas</i> , 2018, 32, 237-247.	0.1	0
89	RELATÓRIO DA INTEGRIDADE AMBIENTAL E A BIOLOGIA DE <i>Serrapinnus notomelas</i> (CHARACIDAE) EM CRREGOS URBANOS. <i>Oecologia Australis</i> , 2019, 23, 507-518.	0.2	0
90	ISOLATION AND LAGOON MORPHOMETRY DEFINE FISH DIVERSITY AND COMPOSITION IN NEARSHORE AREAS OF FLOODPLAIN LAGOONS OF THE SOUTHERN PANTANAL. <i>Oecologia Australis</i> , 2019, 23, 1000-1011.	0.2	0

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91	POPULATION ASPECTS AND RECRUITMENT OF <i>Odontostilbe paraguayensis</i> (CHARACIFORMES:) Tj ETQq1 1 0.784314 rgBT /Overlock	0.2	0
92	Avaliação ambiental da qualidade limnológica e de sedimentos em córrego do Centro Oeste do Brasil. Research, Society and Development, 2020, 9, e893986288.	0.1	0
93	Influence of urbanization on stream fish assemblages in three microbasins in the Upper Paraná River Basin. Brazilian Journal of Biology, 2021, 83, e247384.	0.9	0