

Ivan Bergier

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,128
citations

516710

16
h-index

414414

32
g-index

46
all docs

46
docs citations

46
times ranked

1688
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A Brief History of Giant Viruses™ Studies in Brazilian Biomes. <i>Viruses</i> , 2022, 14, 191. | 3.3 | 4 |
| 2 | Sediment Infill of Tropical Floodplain Lakes: Rates, Controls, and Implications for Ecosystem Services. <i>Frontiers in Earth Science</i> , 2022, 10, . | 1.8 | 2 |
| 3 | Enhanced middle Holocene organic carbon burial in tropical floodplain lakes of the Pantanal (South) Tj ETQq1 1 0.784314 rgBT /Overl | 1.6 | 9 |
| 4 | Scientific Collaboration in a Multidisciplinary Organization Revealed by Network Science. <i>SN Computer Science</i> , 2021, 2, 1. | 3.6 | 2 |
| 5 | Cloud/edge computing for compliance in the Brazilian livestock supply chain. <i>Science of the Total Environment</i> , 2021, 761, 143276. | 8.0 | 12 |
| 6 | Avulsions drive ecosystem services and economic changes in the Brazilian Pantanal wetlands. <i>Current Research in Environmental Sustainability</i> , 2021, 3, 100057. | 3.5 | 11 |
| 7 | Hydrology and Vegetation Base for Classification of Macrohabitats of the Brazilian Pantanal for Policy-Making and Management. <i>Plant and Vegetation</i> , 2021, , 365-391. | 0.6 | 0 |
| 8 | Landscape changes in avulsive river systems: Case study of Taquari River on Brazilian Pantanal wetlands. <i>Science of the Total Environment</i> , 2020, 723, 138067. | 8.0 | 13 |
| 9 | Vegetation, rainfall, and pulsing hydrology in the Pantanal, the world's largest tropical wetland. <i>Environmental Research Letters</i> , 2019, 14, 124017. | 5.2 | 42 |
| 10 | Fluvio-lacustrine sedimentary processes and landforms on the distal Paraguay fluvial megafan (Brazil). <i>Geomorphology</i> , 2019, 342, 163-175. | 2.6 | 12 |
| 11 | WATER BALANCE BASED ON REMOTE SENSING DATA IN PANTANAL. <i>RA'E GA - O Espaço Geografico Em Analise</i> , 2019, 46, 33. | 0.1 | 1 |
| 12 | The soda lakes of Nhecolândia: A conservation opportunity for the Pantanal wetlands. <i>Perspectives in Ecology and Conservation</i> , 2019, 17, 9-18. | 1.9 | 19 |
| 13 | Could bovine livestock intensification in Pantanal be neutral regarding enteric methane emissions?. <i>Science of the Total Environment</i> , 2019, 655, 463-472. | 8.0 | 23 |
| 14 | Sponge spicule and phytolith evidence for Late Quaternary environmental changes in the tropical Pantanal wetlands of western Brazil. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 518, 119-133. | 2.3 | 20 |
| 15 | LAKE INFILL AND ITS EFFECTS ON WATER RESOURCES AND LAKE TERRESTRIALIZATION IN THE SOUTH AMERICAN LOWLANDS. , 2019, , . | | 0 |
| 16 | Tailed giant Tupanvirus possesses the most complete translational apparatus of the known virosphere. <i>Nature Communications</i> , 2018, 9, 749. | 12.8 | 247 |
| 17 | Amazon rainforest modulation of water security in the Pantanal wetland. <i>Science of the Total Environment</i> , 2018, 619-620, 1116-1125. | 8.0 | 70 |
| 18 | Ubiquitous giants: a plethora of giant viruses found in Brazil and Antarctica. <i>Virology Journal</i> , 2018, 15, 22. | 3.4 | 37 |

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|----|--|-----|-----------|
| 19 | SPATIOTEMPORAL EVOLUTION OF THE MARGINS OF LAKE UBERABA, PANTANAL FLOODPLAIN (BRAZIL). , 2018, 42, 159-173. | | 6 |
| 20 | Holocene stratigraphic evolution of saline lakes in Nhecolândia, southern Pantanal wetlands (Brazil). Quaternary Research, 2017, 88, 472-490. | 1.7 | 25 |
| 21 | Paleoecology explains Holocene chemical changes in lakes of the Nhecolândia (Pantanal-Brazil). Hydrobiologia, 2017, 815, 1. | 2.0 | 9 |
| 22 | THE LIMNOGEOLOGY OF LAKE UBERABA: FLUVIO-LACUSTRINE SEDIMENTARY PROCESSES ALONG THE DISTAL PARAGUAY MEGAFAN (PANTANAL WETLANDS, BRAZIL). , 2017, , . | | 0 |
| 23 | Soil Loss as a Negative Externality in the Emery Accounting: Case Study of an Agricultural Commodities Municipality in the Brazilian Savannah. Journal of Environmental Accounting and Management, 2016, 4, 129-147. | 0.5 | 5 |
| 24 | Soil improvement and mitigation of greenhouse gas emissions for integrated crop-livestock systems: Case study assessment in the Pantanal savanna highland, Brazil. Agricultural Systems, 2015, 137, 206-219. | 6.1 | 46 |
| 25 | Sustainability assessment of water hyacinth fast pyrolysis in the Upper Paraguay River basin, Brazil. Science of the Total Environment, 2015, 532, 281-291. | 8.0 | 10 |
| 26 | Historical Land-Use Changes in São Gabriel do Oeste at the Upper Taquari River Basin. Handbook of Environmental Chemistry, 2015, , 191-208. | 0.4 | 4 |
| 27 | Avulsive Rivers in the Hydrology of the Pantanal Wetland. Handbook of Environmental Chemistry, 2015, , 83-110. | 0.4 | 26 |
| 28 | Methane and Carbon Dioxide Dynamics in the Paraguay River Floodplain (Pantanal) in Episodic Anoxia Events. Handbook of Environmental Chemistry, 2015, , 163-178. | 0.4 | 6 |
| 29 | Pyrolysis Dynamics of Biomass Residues in Hot-Stage. BioResources, 2015, 10, . | 1.0 | 3 |
| 30 | Root behavior of savanna species in Brazil's Pantanal wetland. Global Ecology and Conservation, 2014, 2, 378-384. | 2.1 | 9 |
| 31 | Dam reservoirs role in carbon dynamics requires contextual landscape ecohydrology. Environmental Monitoring and Assessment, 2014, 186, 5985-5988. | 2.7 | 2 |
| 32 | Low vacuum thermochemical conversion of anaerobically digested swine solids. Chemosphere, 2013, 92, 714-720. | 8.2 | 2 |
| 33 | Effects of highland land-use over lowlands of the Brazilian Pantanal. Science of the Total Environment, 2013, 463-464, 1060-1066. | 8.0 | 64 |
| 34 | Dynamic energy valuation of water hyacinth biomass in wetlands: an ecological approach. Journal of Cleaner Production, 2013, 54, 177-187. | 9.3 | 24 |
| 35 | User Effects on Chamber Nitrous Oxide Emissions From Oxisol Soils in No-Tillage Maize Fertirrigated With Anaerobically Digested Swine Manure. Environment and Natural Resources Research, 2013, 3, . | 0.1 | 1 |
| 36 | Biofuel production from water hyacinth in the Pantanal wetland. Ecohydrology and Hydrobiology, 2012, 12, 77-84. | 2.3 | 36 |

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|----|---|-----|-----------|
| 37 | Nitrogen cycle and ecosystem services in the Brazilian La Plata Basin: anthropogenic influence and climate change. <i>Brazilian Journal of Biology</i> , 2012, 72, 691-708. | 0.9 | 13 |
| 38 | Carbon Dioxide and Methane Fluxes in the Littoral Zone of a Tropical Savanna Reservoir (Corumbá, Mato Grosso do Sul, Brazil). <i>Journal of Great Lakes Research</i> , 2010, 36, 10-16. | 0.2 | 16 |
| 39 | Methane stocks in tropical hydropower reservoirs as a potential energy source. <i>Climatic Change</i> , 2009, 93, 1-13. | 3.6 | 31 |
| 40 | Anthropogenic flooded lands and atmospheric methane. <i>Ecohydrology and Hydrobiology</i> , 2007, 7, 11-21. | 2.3 | 3 |
| 41 | Mitigation and recovery of methane emissions from tropical hydroelectric dams. <i>Energy</i> , 2007, 32, 1038-1046. | 8.8 | 39 |
| 42 | Regionalization of methane emissions in the Amazon Basin with microwave remote sensing. <i>Global Change Biology</i> , 2004, 10, 530-544. | 9.5 | 212 |
| 43 | Análise científica de espaços verdes urbanos e seus serviços ecossistêmicos. <i>Interações (Campo Limpo Paulista)</i> , 2011, 11, 1-2. | 0.1 | 2 |
| 44 | BALANÇO HÍDRICO DA BACIA DO ALTO PARAGUAI POR MEIO DE DADOS TRMM E MOD16A2. <i>Revista Brasileira de Meteorologia</i> , 2010, 55, 59-70. | | 0 |