



UNIVERSIDADE FEDERAL DE RONDONÓPOLIS

REITORIA
SECRETARIA DE RELAÇÕES INTERNACIONAIS

PORTARIA SECRI/REITORIA/UFR Nº 5, DE 18 DE NOVEMBRO DE 2024

O Secretário de Relações Internacionais da Universidade Federal de Rondonópolis (UFR), no uso de suas atribuições legais e regulamentares, em especial a disposta na [Portaria Reitoria/UFR nº 37/2024](#) e na [Resolução CONSUNI/UFR Nº 108/2024](#), e CONSIDERANDO o constante dos autos do processo nº 23853.015164/2024-81, encaminhado às direções dos Institutos e Faculdades da UFR.

RESOLVE:

Art. 1º Divulgar a lista de Pesquisadores Destaque Internacional da Universidade Federal de Rondonópolis para o período 2023 e 2024.

Art. 2º Esta Portaria entra em vigor em dezoito de novembro de dois mil e vinte e quatro.

JOFRAN LUIZ DE OLIVEIRA - Secretário de Relações Internacionais.

ANEXO - Pesquisadores Destaque Internacional da Universidade Federal de Rondonópolis 2023/2024

Ranking	Título da produção	Pesquisadores da UFR	Instituto Faculdade	Periódico	Fator de impacto JCR
1	SARS-CoV-2 Spike protein triggers gut impairment since mucosal barrier to innermost layers: From basic science to clinical relevance.	Marcelo Biondaro Gois	FCS	Mucosal Immunology	7,9
2	Precision refined: Integrating micromachining constraints for enhanced product accuracy through topology optimization	Tiago Gonçalves Goto	ICAT	Expert Systems With Applications	7,5
	CPW partially attenuates DSS-induced ulcerative colitis in mice.	Marcelo Biondaro Gois	FCS	Food Research International	7,5
4	Public food procurement and production: Evidence of the food acquisition program in Brazil	Carlos Eduardo de Freitas & Fábio Nobuo Nishimura	FACAP	Food Policy	6,8
5	System fertilization in integrated crop-livestock management favors microbial processes, soil quality and production profitability	Leandro Pereira Pacheco & Edicarlo Damacena de Souza	ICAT	Agriculture Ecosystems & Environment	6,0
6	Climate adaptation policies and rural income: Evidence from social technologies in Brazil	Carlos Eduardo de Freitas	FACAP	World Development	5,4
7	Effect of the Flavonoid Rutin on the Modulation of the Myenteric Plexuses in an Experimental Model of Parkinson's Disease.	Marcelo Biondaro Gois	FCS	International Journal Of Molecular Sciences	4,9
8	Improving Pregnant Women's Iodine Intake Estimates and Its Prevalence of Inadequacy through the Use of Salt and Seasoning Covariates	Franciane Rocha de Faria	FCS	Nutrients	4,8
9	Oral Treatment with the Pectin Fibre Obtained from Yellow Passion Fruit Peels Worsens Sepsis Outcome in Mice by Affecting the Intestinal Barrier.	Marcelo Biondaro Gois	FCS	Pharmaceuticals	4,6
	Polysaccharides from Passion Fruit Peels: From an Agroindustrial By-Product to a Viable Option for 5-FU-Induced Intestinal Damage.	Marcelo Biondaro Gois	FCS	Pharmaceuticals	4,6
11	Discovery of lead natural products for developing pan-SARS-CoV-2 therapeutics	Helder Lopes Teles	ICEN	Antiviral Research	4,5
12	Dual Role of Probiotic Lactic Acid Bacteria Cultures for Fermentation and Control Pathogenic Bacteria in Fruit-Enriched Fermented Milk	Sabrina Neves Casarotti	FCS	Probiotics And Antimicrobial Proteins	4,4
13	Antiviral Evaluation of New Synthetic Bioconjugates Based on GA-Hecate: A New Class of Antivirals Targeting Different Steps of Zika Virus Replication	Bruno Moreira Carneiro	FCS	Molecules	4,2
	Protective effect of alpha-ketoglutarate against water-immersion restraint stress-induced gastric mucosal damage in mice.	Marcelo Biondaro Gois	FCS	European Journal Of Pharmacology	4,2
15	Chloroplast genome assembly of <i>Serjania erecta</i> Raldk: comparative analysis reveals gene number variation and selection in protein-coding plastid genes of Sapindaceae	Ramilla dos Santos Braga Ferreira	ICEN	Frontiers in Plant Science	4,1
16	Longitudinal genetic dynamics of weaning index and implications for cow-calf production efficiency	Annaiza Braga Bignardi, Rodrigo Junqueira Pereira & Mário Luiz Santana Júnior	ICAT	Animal	4,0
17	A new non-gradient-based topology optimization algorithm with black-white density and manufacturability constraints	Tiago Gonçalves Goto	ICAT	Structures	3,9
	Production environment is determinant in the genetic relationship between growth traits of Nile tilapia through a reaction norm model	Annaiza Braga Bignardi, Rodrigo Junqueira Pereira & Mário Luiz Santana Júnior	ICAT	Aquaculture	3,9

19	Chloroplast genomes of Simarouba Aubl., molecular evolution and comparative analyses within Sapindales	Ramilla dos Santos Braga Ferreira	ICEN	Scientific Reports	3,8
20	Enhancing soil quality and grain yields through fertilization strategies in integrated crop-livestock system under no-till in Brazilian Cerrado	Edicarlos Damacena de Souza	ICAT	European Journal Of Soil Biology	3,7
	Functional and structural attributes of Brazilian tropical and subtropical forests and savannas	Henrique Augusto Mews	ICEN	Forest Ecology And Management	3,7
22	Spatial Variability of Potassium and Agricultural Productivity in Sandy Loam Soil with Rock Dust under Functional Diversity in the Brazilian Cerrado	Leandro Pereira Pacheco & Edicarlos Damacena de Souza	ICAT	Journal Of Soil Science And Plant Nutrition	3,4
23	Sorghum densification with changes in plant spacing arrangement: productivity and qualitative characteristics of silage material	Carlos Eduardo Avelino Cabral	ICAT	Agronomy-Basel	3,3
	Advances in Crop Genetic Improvement to Overcome Drought Stress: Bibliometric and Meta-Analysis	Tonny José Araújo da Silva, Edna Maria Bonfim da Silva & Thiago Franco Duarte	ICAT	Agriculture	3,3
	Effects of Fertilization Types and Base Saturation on the Growth and Water Productivity in Panicum maximum cv. BRS Zuri	Edna Maria Bonfim da Silva, Tonny José Araújo da Silva, Salomao Lima Guimarães, Thiago Franco Duarte & Marcio Koetz	ICAT	Agriculture	3,3
	Effect of Electrical Conductivity Levels and Hydrogen Peroxide Priming on Nutrient Solution Uptake by Chives in a Hydroponic System	Tonny José Araújo da Silva, Edna Maria Bonfim da Silva & Thiago Franco Duarte	ICAT	Agriculture	3,3
27	Internet of Things Application in an Automated Irrigation Prototype Powered by Photovoltaic Energy	Rafael Cruz Borges & Carlos Henrique Beuter	ICAT	Energies	3,0
	IAPT Chromosome Data 40	Érica Pereira de Campos	ICEN	Taxon	3,0
29	Evapotranspiration measurements in pasture, crops, and native Brazilian Cerrado based on UAV-borne multispectral sensor	Jepherson Correia Sales	ICHS	Environmental Monitoring And Assessment	2,9
30	Spatio-temporal variability in seed production of tree species: implications for restoration in the Cerrado-Amazonia transition zone	Henrique Augusto Mews	ICEN	Restoration Ecology	2,8
31	Genotype-by-gestational thermal environment interaction and its impact on the future performance of tropical composite beef cattle offspring	Annaiza Braga Bignardi, Rodrigo Junqueira Pereira & Mário Luiz Santana Júnior	ICAT	Journal Of Animal Science	2,7
	Neuropsychopharmacological Induction of (Lucid) Dreams: A Narrative Review	André Demambre Bacchi	FCS	Brain Sciences	2,7
	Simulation of the soybean yield as a function of water sensitivity in rainfed cultivation using the CROPWAT model	Edna Maria Bonfim da Silva	ICAT	Modeling Earth Systems And Environment	2,7
	Genotype by Prenatal Environment Interaction for Postnatal Growth of Nelore Beef Cattle Raised under Tropical Grazing Conditions	Mário Luiz Santana Júnior, Annaiza Braga Bignardi & Rodrigo Junqueira Pereira	ICAT	Animals	2,7
35	The Public Prosecutor's Office's experience using Global Forest Watch to monitor and deter deforestation in the Cerrado	Luís Otávio Bau Macedo & Normandes Matos da Silva	FACAP/ICAT	Environmental Conservation	2,2
36	Backyards Are a Way to Promote Environmental Justice and Biodiversity Conservation in Brazilian Cities	Jeater Waldemar Maciel Correa Santos	ICHS	Diversity	2,1
37	Fermentation of araticum, baru, and pequi by-products by probiotic strains: effects on microorganisms, short-chain fatty acids, and bioactive compounds	Sabrina Neves Casarotti	FCS	Letters Applied Microbiology	2,0
	Integrated control of neglected tropical diseases in Brazil: document review of a national campaign in light of WHO recommendations	Amanda Gabriela de Carvalho & João Gabriel Guimarães Luz	FCS	Revista Panamericana De Salud Publica-Pan American Journal Of Public Health	2,0
	Polysaccharide Fraction from Campomanesia adamantium and Campomanesia pubescens Attenuates 5-Fluorouracil-Induced Intestinal Mucosal Inflammation in Mice.	Marcelo Biondaro Gois	FCS	Nutrition And Cancer-An International Journal	2,0
	Phylogenetic identity and population structure of the dwarf caimans Paleosuchus spp. in the Orinoco basin of Colombia and Venezuela: filling gaps	Fabio de Lima Muniz	ICEN	Biological Journal Of The Linnean Society	2,0
41	Transgenerational effects of the maternal gestational environment on the post-natal performance of beef cattle: A reaction norm approach	Annaiza Braga Bignardi, Rodrigo Junqueira Pereira & Mário Luiz Santana Júnior	ICAT	Journal Of Animal Breeding And Genetics	1,9
	Antimicrobial metabolites produced by endophytic fungi associated with the leaves of Vochysia divergens	Camila Martins de Oliveira & Helder Lopes Teles	ICEN	Natural Product Research	1,9
	Assessment of runs of homozygosity, heterozygosity-rich regions and genomic inbreeding estimates in a subpopulation of Guzerá (Bos indicus) dual-purpose cattle	Rodrigo Junqueira Pereira	ICAT	Journal Of Animal Breeding And Genetics	1,9
	Epidemiological patterns related to deaths caused by visceral leishmaniasis in the southern Amazon region of Brazil	Amanda Gabriela de Carvalho & João Gabriel Guimarães Luz	FCS	Transactions Of The Royal Society Of Tropical Medicine And Hygiene	1,9
	Genetic associations between stayability to consecutive calvings and traits of economic interest in taurine and zebu breeds	Annaiza Braga Bignardi, Mário Luiz Santana Júnior, Denise Rocha Ayres & Rodrigo Junqueira Pereira	ICAT	Journal Of Animal Breeding And Genetics	1,9
46	Maternal phenotypic records shape the genetic parameter estimates in Nelore beef cattle	Annaiza Braga Bignardi, Rodrigo Junqueira Pereira & Mário Luiz Santana Júnior	ICAT	Livestock Science	1,8
	Sexual dimorphism in the environmental sensitivity of weaning weight in beef cattle	Annaiza Braga Bignardi, Rodrigo Junqueira Pereira & Mário Luiz Santana Júnior	ICAT	Livestock Science	1,8
	It's not all about the disease: do treatment and socioeconomic status affect perceived impact and satisfaction of patients treated for cutaneous leishmaniasis?	João Gabriel Guimarães Luz & Amanda Gabriela de Carvalho	FCS	Revista Da Sociedade Brasileira De Medicina Tropical	1,8

49	Genetic parameters, genetic trends and correlated responses of growth traits considering maternal ability in Nelore cattle	Rodrigo Junqueira Pereira	ICAT	Tropical Animal Health And Production	1,7
	Ecological thresholds in Brazilian savanna: Environmental conditions modulating the composition of woody species in different substrates	Henrique Augusto Mews	ICEN	Flora	1,7
	Effects of monensin in supplements for beef cattle in tropical grazing systems during the rainy season	Carlos Eduardo Avelino Cabral, Rodrigo Junqueira Pereira, Alexandre Lima de Souza & Carla Heloisa Avelino Cabral	ICAT	Tropical Animal Health And Production	1,7
	System fertilization in the pasture phase enhances productivity in integrated crop-livestock systems	Edicarlos Damacena de Souza	ICAT	Journal Of Agricultural Science (Online)	1,7
53	Effect of Time of Nitrogen Fertilization on Use of Root Reserves in Megathyrsus maximus Cultivars	Camila Fernandes Domingues Duarte, Carla Heloisa Avelino Cabral & Carlos Eduardo Avelino Cabral	ICAT	Nitrogen	1,6
	Nitrogen and potassium in biomass production and water use efficiency of irrigated wheat cv. BRS 394 in Cerrado	Edna Maria Bonfim da Silva & Tonny José Araújo da Silva	ICAT	Journal Of Plant Nutrition	1,6
55	Vegetative organs morphological plasticity of Ludwigia grandiflora in flooded and flood-free habitats	Gisele Catian	ICEN	Plant Systematics And Evolution	1,5
56	Construction and evaluation of alternative tension infiltrometer in Oxisol under wood ash management	Thiago Franco Duarte, Edna Maria Bonfim da Silva & Tonny José Araújo da Silva	ICAT	Revista Brasileira De Engenharia Agrícola E Ambiental	1,4
	Determination of field capacity in Oxisols using the flux density method, Arya-Paris model, and pressure chamber	Thiago Franco Duarte, Tonny José Araújo da Silva & Edna Maria Bonfim da Silva	ICAT	Revista Brasileira De Engenharia Agrícola E Ambiental	1,4
	Biomass and water use efficiency of chrysanthemum under organic, mineral, and organomineral fertilization	Edna Maria Bonfim da Silva, Tonny José Araújo da Silva & Thiago Franco Duarte	ICAT	Revista Brasileira De Engenharia Agrícola E Ambiental	1,4
	Cultivation of Urochloa brizantha under different soil densities and doses of wood ash	Tonny José Araújo da Silva, Edna Maria Bonfim da Silva & Thiago Franco Duarte	ICAT	Revista Brasileira De Engenharia Agrícola E Ambiental	1,4
	Growth and production of wheat cultivars under water tensions in Cerrado soil	Edna Maria Bonfim da Silva, Tonny José Araújo da Silva & Thiago Franco Duarte	ICAT	Revista Brasileira De Engenharia Agrícola E Ambiental	1,4
	Physical-hydric properties of Oxisol and Quartzipsamment associated with the application of wood ash	Thiago Franco Duarte, Edna Maria Bonfim da Silva, Tonny José Araújo da Silva & Marcio Koetz	ICAT	Revista Brasileira De Engenharia Agrícola E Ambiental	1,4
	Soil quality indicators for Urochloa brizantha fertilized with wood ash	Edna Maria Bonfim da Silva, Salomão Lima Guimarães, Tonny José Araújo da Silva & Thiago Franco Duarte	ICAT	Revista Brasileira De Engenharia Agrícola E Ambiental	1,4
	Genetic diversity in Stryphnodendron adstringens (Mart.) Coville (Leguminosae, Caesalpinioideae, Clade Mimosoid) and its correlation with species richness of Stryphnodendron Mart. and related genera	Ramilla dos Santos Braga Ferreira	ICEN	Brazilian Journal of Botany	1,4
64	Soil Organic Matter and Microbial Biomass Under Cultivation of Urochloa Brizantha Fertilized with Wood Ash in the Cerrado of Mato Grosso	Edna Maria Bonfim da Silva, Tonny José Araújo da Silva & Salomão Lima Guimarães	ICAT	Communications In Soil Science And Plant Analysis	1,3
	Wood Ash as a Liming Material for Production of Paiaguás Grass Pasture in the Brazilian Cerrado	Edna Maria Bonfim da Silva, Tonny José Araújo da Silva & Thiago Franco Duarte	ICAT	Communications In Soil Science And Plant Analysis	1,3
	Water Availability Influences Soil Liming for the Tropical Grasses Implantation	Carla Heloisa Avelino Cabral & Carlos Eduardo Avelino Cabral	ICAT	Communications In Soil Science And Plant Analysis	1,3
67	Sensory analysis and physicochemical characterization of Boursin cheese from milk of goats fed increasing levels of cassava chips	Helen Fernanda Barros Gomes	ICAT	Revista Brasileira De Zootecnia	1,1
68	Intra-urban differences underlying leprosy spatial distribution in central Brazil: geospatial techniques as potential tools for surveillance	Amanda Gabriela de Carvalho & João Gabriel Guimarães Luz	FCS	Geospatial Health	1,0
	Currency Crisis or Overproduction? A Marxian Analysis of the Exchange Rate Peg Collapse in Brazil	Antonio Carneiro de Almeida Júnior	FACAP	Review Of Radical Political Economics	1,0
	Data of SSRs primers for high-throughput genotyping-by-sequencing (SSR-Seq) based on the partial genome assembly of Eugenia klotzschiana (Myrtaceae)	Ramilla dos Santos Braga Ferreira	ICEN	Data In Brief	1,0

Esses resultados refletem a dedicação e excelência destes pesquisadores, em suas respectivas áreas de pesquisa, elevando o nome da instituição no cenário científico internacional.



Documento assinado eletronicamente por **Jofran Luiz de Oliveira, Secretário(a) de Relações Internacionais - SECRI/UFR**, em 18/11/2024, às 11:06, conforme horário oficial de Brasília, com fundamento no art. 6º, do [Decreto nº 8.539, de 8 de outubro de 2015](#).



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