

# Yuri Jacques Agra Bezerra da Silva

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

464  
citations

686830

13  
h-index

794141

19  
g-index

41  
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41  
docs citations

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times ranked

535  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution of rare earth elements in soils of contrasting geological and pedological settings to support human health assessment and environmental policies. <i>Environmental Geochemistry and Health</i> , 2022, 44, 861-872.	1.8	8
2	Mid-Infrared Spectrum Analysis for Mapping Attributes of Cohesive Soils in Brazil. <i>Communications in Soil Science and Plant Analysis</i> , 2022, 53, 1277-1293.	0.6	1
3	Influence of parent material on soil chemical characteristics in a semi-arid tropical region of Northeast Brazil. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 331.	1.3	7
4	Phosphorus in soils and fluvial sediments from a Cerrado biome watershed under agricultural expansion. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 388.	1.3	1
5	Near-infrared spectroscopy for prediction of potentially toxic elements in soil and sediments from a semiarid and coastal humid tropical transitional river basin. <i>Microchemical Journal</i> , 2022, 179, 107544.	2.3	3
6	Bio-inspired algorithm for variable selection in i-PLSR to determine physical properties, thorium and rare earth elements in soils from Brazilian semiarid region. <i>Microchemical Journal</i> , 2021, 160, 105640.	2.3	4
7	Quality reference values for rare earth elements in soils from one of the last agricultural frontiers in Brazil. <i>Scientia Agricola</i> , 2021, 78, .	0.6	2
8	Soil loss and sediment yield in a perennial catchment in southwest Piauí, Brazil. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 26.	1.3	3
9	Mapping the spatial distribution of global <sup>137</sup> Cs fallout in soils of South America as a baseline for Earth Science studies. <i>Earth-Science Reviews</i> , 2021, 214, 103542.	4.0	5
10	Sediment source apportionment using optical property composite signatures in a rural catchment, Brazil. <i>Catena</i> , 2021, 202, 105208.	2.2	11
11	Soil spectral library of Piauí-State using machine learning for laboratory analysis in Northeastern Brazil. <i>Revista Brasileira De Ciencia Do Solo</i> , 2021, 45, .	0.5	5
12	Potentially toxic elements and rare earth elements in sandy soils from the Brazilian Cerrado. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 780.	1.3	0
13	Mapeamento e diagnóstico de nascentes e do curso d'água do riacho Corrente dos Matões, Bom Jesus, Piauí. <i>Research, Society and Development</i> , 2021, 10, e37101623350.	0.0	0
14	Near-infrared spectroscopy for the prediction of rare earth elements in soils from the largest uranium-phosphate deposit in Brazil using PLS, iPLS, and iSPA-PLS models. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 675.	1.3	9
15	Assessing the Distribution and Concentration of Heavy Metals in Soils of an Agricultural Frontier in the Brazilian Cerrado. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	1.1	11
16	Background concentrations and quality reference values for potentially toxic elements in soils of Piauí-state, Brazil. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 723.	1.3	9
17	Combining geospatial analyses to optimize quality reference values of rare earth elements in soils. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 453.	1.3	7
18	Concentrations of major and trace elements in soil profiles developed over granites across a climosequence in northeastern Brazil. <i>Catena</i> , 2020, 193, 104641.	2.2	12

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19	Agricultural potential and soil use based on the pedogenetic properties of soils from the cerrado-caatinga transition. <i>Semina: Ciências Agrárias</i> , 2020, 41, 1119.	0.1	3
20	Watershed scale assessment of rare earth elements in soils derived from sedimentary rocks. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 514.	1.3	8
21	Thorium content in soil, water and sediment samples and fluvial sediment-associated transport in a catchment system with a semiarid-coastal interface, Brazil. <i>Environmental Science and Pollution Research</i> , 2019, 26, 33532-33540.	2.7	8
22	Genesis of sandstone-derived soils in the Cerrado of the Piauí-State, Brazil. <i>Revista Ambiente &amp; Água</i> , 2019, 14, 1.	0.1	1
23	Rare-earth-element geochemistry in soils developed in different geological settings of Cuba. <i>Catena</i> , 2018, 162, 317-324.	2.2	58
24	Concentrations of major and trace elements in the soils, edible parts of crops and urine of farmers in agroecological communities. <i>Acta Scientiarum - Agronomy</i> , 2018, 41, 42623.	0.6	0
25	Heavy metal concentrations and ecological risk assessment of the suspended sediments of a multi-contaminated Brazilian watershed. <i>Acta Scientiarum - Agronomy</i> , 2018, 41, 42620.	0.6	16
26	Bed and suspended sediment-associated rare earth element concentrations and fluxes in a polluted Brazilian river system. <i>Environmental Science and Pollution Research</i> , 2018, 25, 34426-34437.	2.7	24
27	Rare earth element geochemistry during weathering of S-type granites from dry to humid climates of Brazil. <i>Journal of Plant Nutrition and Soil Science</i> , 2018, 181, 938-953.	1.1	10
28	Geochemistry and Spatial Variability of Rare Earth Elements in Soils under Different Geological and Climate Patterns of the Brazilian Northeast. <i>Revista Brasileira De Ciencia Do Solo</i> , 2018, 42, .	0.5	10
29	Interrill erosion and roughness parameters of vegetation in rangelands. <i>Catena</i> , 2017, 148, 111-116.	2.2	22
30	Bedload as an indicator of heavy metal contamination in a Brazilian anthropized watershed. <i>Catena</i> , 2017, 153, 106-113.	2.2	21
31	Influence of metaluminous granite mineralogy on the rare earth element geochemistry of rocks and soils along a climosequence in Brazil. <i>Geoderma</i> , 2017, 306, 28-39.	2.3	30
32	Effect of I- and S-type granite parent material mineralogy and geochemistry on soil fertility: A multivariate statistical and Gis-based approach. <i>Catena</i> , 2017, 149, 64-72.	2.2	15
33	Soil fertility changes in vineyards of a semiarid region in Brazil. <i>Journal of Soil Science and Plant Nutrition</i> , 2017, 17, 672-685.	1.7	8
34	<i>Atriplex nummularia</i> Lindl. as alternative for improving salt-affected soils conditions in semiarid environments: a field experiment. <i>Chilean Journal of Agricultural Research</i> , 2016, 76, 343-348.	0.4	20
35	Rare Earth Element Concentrations in Brazilian Benchmark Soils. <i>Revista Brasileira De Ciencia Do Solo</i> , 2016, 40, .	0.5	15
36	Soil contamination by heavy metals in vineyard of a semiarid region: An approach using multivariate analysis. <i>Geoderma Regional</i> , 2016, 7, 357-365.	0.9	21

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37	Sediment transport under the presence and absence of emergent vegetation in a natural alluvial channel from Brazil. <i>International Journal of Sediment Research</i> , 2016, 31, 360-367.	1.8	9
38	Watershed-scale assessment of background concentrations and guidance values for heavy metals in soils from a semiarid and coastal zone of Brazil. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 558.	1.3	29
39	Trace element fluxes in sediments of an environmentally impacted river from a coastal zone of Brazil. <i>Environmental Science and Pollution Research</i> , 2015, 22, 14755-14766.	2.7	18
40	Hydraulic roughness due to submerged, emergent and flexible natural vegetation in a semiarid alluvial channel. <i>Journal of Arid Environments</i> , 2015, 114, 1-7.	1.2	13
41	Limites de consistência e propriedades químicas de um latossolo amarelo distrocoeso sob aplicação de diferentes resíduos da cana-de-açúcar. <i>Revista Brasileira De Ciencia Do Solo</i> , 2010, 34, 639-648.	0.5	7