

# Carlos A C Crusciol

## List of Publications by Citations

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243

papers

2,978

citations

28

h-index

39

g-index

267

ext. papers

3,651

ext. citations

2.3

avg, IF

5.43

L-index

| #   | Paper   | IF  | Citations |
|-----|---|-----|-----------|
| 243 | Effects of Silicon and Drought Stress on Tuber Yield and Leaf Biochemical Characteristics in Potato. <i>Crop Science</i> , 2009, 49, 949-954  | 2.4 | 78        |
| 242 | Persist^ ãcia de palhada e libera^ ão de nutrientes do nabo forrageiro no plantio direto. <i>Pesquisa Agropecuaria Brasileira</i> , 2005, 40, 161-168   | 1.8 | 67        |
| 241 | Potassium cycling in a corn-brachiaria cropping system. <i>European Journal of Agronomy</i> , 2008, 28, 579-585   |     | 63        |
| 240 | Long-term effects of lime and phosphogypsum application on tropical no-till soybeanâ&#x2014;orghum rotation and soil chemical properties. <i>European Journal of Agronomy</i> , 2016, 74, 119-132       | 5   | 61        |
| 239 | Soil fertility, plant nutrition, and grain yield of upland rice affected by surface application of lime, silicate, and phosphogypsum in a tropical no-till system. <i>Catena</i> , 2016, 137, 87-99     | 5.8 | 61        |
| 238 | The no-tillage system and cover cropsâAlternatives to increase upland rice yields. <i>European Journal of Agronomy</i> , 2013, 45, 124-131  | 5   | 61        |
| 237 | An Innovative CropâForage Intercrop System: Early Cycle Soybean Cultivars and Palisadegrass. <i>Agronomy Journal</i> , 2012, 104, 1085-1095   | 2.2 | 56        |
| 236 | Intercropping soybean and palisade grass for enhanced land use efficiency and revenue in a no till system. <i>European Journal of Agronomy</i> , 2014, 58, 53-62  | 5   | 55        |
| 235 | Produtividade de milho, espa^ ãamento e modalidade de consocia^ ão com Brachiaria brizantha em sistema plantio direto. <i>Pesquisa Agropecuaria Brasileira</i> , 2007, 42, 163-171                      | 1.8 | 55        |
| 234 | Sorghum grain yield, forage biomass production and revenue as affected by intercropping time. <i>European Journal of Agronomy</i> , 2013, 51, 130-139   | 5   | 51        |
| 233 | Improving Soil Fertility and Crop Yield in a Tropical Region with Palisadegrass Cover Crops. <i>Agronomy Journal</i> , 2015, 107, 2271-2280   | 2.2 | 51        |
| 232 | Cover crops and no-till effects on physical fractions of soil organic matter. <i>Soil and Tillage Research</i> , 2013, 130, 52-57   | 6.5 | 50        |
| 231 | Atributos qu^ ânicos do solo decorrentes da aplica^ ão em superf^ ãie de calc^ ão e gesso em sistema plantio direto rec^ h-implantado. <i>Revista Brasileira De Ciencia Do Solo</i> , 2008, 32, 675-688 | 1.5 | 44        |
| 230 | Tillage system and lime application in a tropical region: Soil chemical fertility and corn yield in succession to degraded pastures. <i>Soil and Tillage Research</i> , 2016, 155, 437-447              | 6.5 | 43        |
| 229 | Intercropping Time of Corn and Palisadegrass or Guineagrass Affecting Grain Yield and Forage Production. <i>Crop Science</i> , 2013, 53, 629-636  | 2.4 | 41        |
| 228 | Effect of Intercropping on Yields of Corn with Different Relative Maturities and Palisadegrass. <i>Agronomy Journal</i> , 2013, 105, 599-606  | 2.2 | 35        |
| 227 | Effects of silicon and drought stress on biochemical characteristics of leaves of upland rice cultivars. <i>Revista Ciencia Agronomica</i> , 2016, 47, 532-539  | 1   | 35        |

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|-----|---|-----|----|
| 226 | Effects of growth-promoting bacteria on soybean root activity, plant development, and yield.<br><i>Agronomy Journal</i> , <b>2020</b> , 112, 418-428  | 2.2 | 33 |
| 225 | Influ^ ãcia de silicato e calc^ ão na nutri^ ão, produtividade e qualidade da batata sob defici^ ãcia h^ ãrica. <i>Revista Brasileira De Ciencia Do Solo</i> , <b>2008</b> , 32, 1651-1659  | 1.5 | 32 |
| 224 | Taxas de decomposi^ ão e de libera^ ão de macronutrientes da palhada de aveia preta em plantio direto. <i>Bragantia</i> , <b>2008</b> , 67, 481-489   | 1.2 | 32 |
| 223 | Crescimento radicular de pl^ ãtulas de milho afetado pela resist^ ãcia do solo ^ penetra^ ão. <i>Pesquisa Agropecuaria Brasileira</i> , <b>1999</b> , 34, 821-828   | 1.8 | 32 |
| 222 | Effects of row spacing and intercrop on maize grain yield and forage production of palisade grass. <i>Crop and Pasture Science</i> , <b>2012</b> , 63, 1106   | 2.2 | 31 |
| 221 | Cover crops and herbicide timing management on soybean yield under no-tillage system. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2012</b> , 47, 187-192   | 1.8 | 30 |
| 220 | Sidedress Nitrogen Application Rates to Sorghum Intercropped with Tropical Perennial Grasses. <i>Agronomy Journal</i> , <b>2016</b> , 108, 433-447  | 2.2 | 30 |
| 219 | Lime and phosphogypsum impacts on soil organic matter pools in a tropical Oxisol under long-term no-till conditions. <i>Agriculture, Ecosystems and Environment</i> , <b>2017</b> , 241, 11-23  | 5.7 | 29 |
| 218 | Long-term lime and gypsum amendment increase nitrogen fixation and decrease nitrification and denitrification gene abundances in the rhizosphere and soil in a tropical no-till intercropping system. <i>Geoderma</i> , <b>2020</b> , 375, 114476 | 6.7 | 29 |
| 217 | Nitrogen management in maize cover crop rotations. <i>Plant and Soil</i> , <b>2004</b> , 264, 261-271   | 4.2 | 29 |
| 216 | Atributos qu^ ãicos do solo, crescimento radicular e produtividade do arroz de acordo com a aplica^ ão de esc^ ãias. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2004</b> , 39, 1213-1218  | 1.8 | 29 |
| 215 | Leaf application of silicic acid to white oat and wheat. <i>Revista Brasileira De Ciencia Do Solo</i> , <b>2012</b> , 36, 1538-1544   | 1.5 | 28 |
| 214 | Aplica^ ão foliar de ^ ãido sil^ ãico estabilizado na soja, feij^ ão e amendoim. <i>Revista Ciencia Agronomica</i> , <b>2013</b> , 44, 404-410  | 1   | 28 |
| 213 | Corre^ ão da acidez e mobilidade de ^ ãons em Latossolo com aplica^ ão superficial de esc^ ãa, lama cal, lodos de esgoto e calc^ ão. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2007</b> , 42, 1307-1317  | 1.8 | 28 |
| 212 | Nitrogen and silicon fertilization of upland rice. <i>Scientia Agricola</i> , <b>2003</b> , 60, 761-765   | 2.5 | 28 |
| 211 | Produ^ ão, decomposi^ ão e ciclagem de nutrientes em res^ ãuos de crotal^ ãa e milheto, cultivados solteiros e consorciados. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2012</b> , 47, 1462-1470  | 1.8 | 28 |
| 210 | Production and Soil Responses to Intercropping of Forage Grasses with Corn and Soybean Silage. <i>Agronomy Journal</i> , <b>2016</b> , 108, 2541-2553   | 2.2 | 28 |
| 209 | Dolomite and Phosphogypsum Surface Application Effects on Annual Crops Nutrition and Yield. <i>Agronomy Journal</i> , <b>2008</b> , 100, 261-270  | 2.2 | 27 |

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|-----|---|-----|----|
| 208 | Teores de silício no solo e na planta de arroz de terras altas com diferentes doses de adubação silicatada e nitrogenada. <i>Revista Brasileira De Ciencia Do Solo</i> , 2003, 27, 867-873                                  | 1.5 | 27 |
| 207 | Intervalo hídrico ótimo e compactação do solo com cultivo consorciado de milho e braquiária. <i>Revista Brasileira De Ciencia Do Solo</i> , 2011, 35, 2183-2190   | 1.5 | 22 |
| 206 | Production, nutrient cycling and soil compaction to grazing of grass companion cropping with corn and soybean. <i>Nutrient Cycling in Agroecosystems</i> , 2017, 108, 35-54   | 3.3 | 21 |
| 205 | Lime and calcium-magnesium silicate in the ionic speciation of an Oxisol. <i>Scientia Agricola</i> , 2017, 74, 317-333  | 2.5 | 21 |
| 204 | Annual crop rotation of tropical pastures with no-till soil as affected by lime surface application. <i>European Journal of Agronomy</i> , 2016, 80, 88-104   | 5   | 21 |
| 203 | Effects of surface application of dolomitic limestone and calcium-magnesium silicate on soybean and maize in rotation with green manure in a tropical region. <i>Bragantia</i> , 2015, 74, 311-321                          | 1.2 | 21 |
| 202 | Grain quality of upland rice cultivars in response to cropping systems in the Brazilian tropical savanna. <i>Scientia Agricola</i> , 2008, 65, 468-473  | 2.5 | 21 |
| 201 | Narrow row spacing and high plant population to short height castor genotypes in two cropping seasons. <i>Industrial Crops and Products</i> , 2012, 35, 244-249   | 5.9 | 20 |
| 200 | Soil Aggregation, Organic Carbon Concentration, and Soil Bulk Density As Affected by Cover Crop Species in a No-Tillage System. <i>Revista Brasileira De Ciencia Do Solo</i> , 2015, 39, 871-879                            | 1.5 | 20 |
| 199 | Dolomite and Phosphogypsum Surface Application Effects on Annual Crops Nutrition and Yield. <i>Agronomy Journal</i> , 2008, 100, 261  | 2.2 | 20 |
| 198 | Alterações nos atributos químicos de um Latossolo distroférico decorrentes da granulometria e doses de calcário em sistemas plantio direto e convencional. <i>Revista Brasileira De Ciencia Do Solo</i> , 2003, 27, 553-561 | 1.5 | 20 |
| 197 | Impacts of Nitrogen Management on No-Till Maize Production Following Forage Cover Crops. <i>Agronomy Journal</i> , 2019, 111, 639-649   | 2.2 | 20 |
| 196 | Nitrate role in basic cation leaching under no-till. <i>Revista Brasileira De Ciencia Do Solo</i> , 2011, 35, 1975-1985   | 1.5 | 19 |
| 195 | Nutrição e produtividade do amendoim em sucessão ao cultivo de plantas de cobertura no sistema plantio direto. <i>Pesquisa Agropecuaria Brasileira</i> , 2007, 42, 1553-1560  | 1.8 | 19 |
| 194 | Palhada do sorgo de guiné gigante no estabelecimento de plantas daninhas em área de plantio direto. <i>Pesquisa Agropecuaria Brasileira</i> , 2004, 39, 539-542   | 1.8 | 19 |
| 193 | Methods and extractants to evaluate silicon availability for sugarcane. <i>Scientific Reports</i> , 2018, 8, 916  | 4.9 | 18 |
| 192 | Fontes e doses de nitrogênio para o feijoeiro em sucessão a gramais no sistema plantio direto. <i>Revista Brasileira De Ciencia Do Solo</i> , 2007, 31, 1545-1552   | 1.5 | 18 |
| 191 | Resposta de cultivares de arroz de sequeiro ao preparo do solo e irrigação por aspersão. <i>Pesquisa Agropecuaria Brasileira</i> , 2001, 36, 871-879  | 1.8 | 18 |

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|-----|--|-----|----|
| 190 | Lime and gypsum combination improves crop and forage yields and estimated meat production and revenue in a variable charge tropical soil. <i>Nutrient Cycling in Agroecosystems</i> , <b>2019</b> , 115, 347-372 | 3.3 | 17 |
| 189 | Lamb production responses to grass grazing in a companion crop system with corn silage and oversowing of yellow oat in a tropical region. <i>Agricultural Systems</i> , <b>2017</b> , 151, 1-11                  | 6.1 | 17 |
| 188 | Fontes e perdas de contato de fertilizantes e germinação de sementes de Brachiaria brizantha. <i>Revista Brasileira De Ciencia Do Solo</i> , <b>2007</b> , 31, 177-183   | 1.5 | 17 |
| 187 | Nutrição e produtividade de híbridos de sorgo granífero de ciclos contrastantes consorciados com capim-marandu. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2011</b> , 46, 1234-1240                            | 1.8 | 17 |
| 186 | Bacterial Consortium and Microbial Metabolites Increase Grain Quality and Soybean Yield. <i>Journal of Soil Science and Plant Nutrition</i> , <b>2020</b> , 20, 1923-1934  | 3.2 | 16 |
| 185 | Adubação nitrogenada de sorgo granífero consorciado com capim em sistema de plantio direto. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2011</b> , 46, 1161-1169  | 1.8 | 15 |
| 184 | Propriedades físicas do solo em sistemas de rotação de culturas conforme o uso de corretivos da acidez. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2011</b> , 46, 1690-1698                                    | 1.8 | 15 |
| 183 | Aplicação tardia de nitrogênio no feijoeiro em sistema de plantio direto. <i>Bragantia</i> , <b>2005</b> , 64, 211-218   | 1.2 | 15 |
| 182 | Integrated Crop-Livestock Systems as a Solution Facing the Destruction of Pampa and Cerrado Biomes in South America by Intensive Monoculture Systems <b>2019</b> , 257-273                                       |     | 15 |
| 181 | Organomineral Fertilizer as Source of P and K for Sugarcane. <i>Scientific Reports</i> , <b>2020</b> , 10, 5398  | 4.9 | 14 |
| 180 | INFLUENCE OF POTASSIUM LEVELS ON ROOT GROWTH AND NUTRIENT UPTAKE OF UPLAND RICE CULTIVARS. <i>Revista Caatinga</i> , <b>2017</b> , 30, 32-44   | 0.6 | 14 |
| 179 | Nitrogen fertilization ( $15\text{NH}_4\text{NO}_3$ ) of palisadegrass and residual effect on subsequent no-tillage corn. <i>Revista Brasileira De Ciencia Do Solo</i> , <b>2014</b> , 38, 1457-1468             | 1.5 | 14 |
| 178 | Gas exchange rates, plant height, yield components, and productivity of upland rice as affected by plant regulators. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2012</b> , 47, 1455-1461                       | 1.8 | 14 |
| 177 | Reguladores vegetais no desenvolvimento e produtividade da cana-de-açúcar. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2008</b> , 43, 995-1001  | 1.8 | 14 |
| 176 | Effects of surface application of calcium-magnesium silicate and gypsum on soil fertility and sugarcane yield. <i>Revista Brasileira De Ciencia Do Solo</i> , <b>2014</b> , 38, 1843-1854                        | 1.5 | 13 |
| 175 | Brachiaria ruziziensis and herbicide on the yield of upland rice. <i>Planta Daninha</i> , <b>2012</b> , 30, 729-736  | 0.7 | 13 |
| 174 | Aplicação superficial de diferentes fontes de corretivos no crescimento radicular e produtividade da aveia preta. <i>Revista Brasileira De Ciencia Do Solo</i> , <b>2008</b> , 32, 1583-1590                     | 1.5 | 13 |
| 173 | Aplicação superficial de escória, lama cal, lodos de esgoto e calcário na cultura da soja. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2008</b> , 43, 1209-1219   | 1.8 | 13 |

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| 172 | Nitrogen Supply for Cover Crops and Effects on Peanut Growth in Succession under a No-Till System.<br><i>Agronomy Journal</i> , 2009, 101, 41-46  | 2.2 | 13 |
| 171 | Altera^ ão de atributos f^ sicos em latossolo com aplic^ ão superficial de esc^ ãa de acaria, lama cal, lodos de esgoto e calc^ ão. <i>Revista Brasileira De Ciencia Do Solo</i> , 2009, 33, 263-272                      | 1.5 | 13 |
| 170 | Yield of upland rice cultivars in rainfed and sprinkler-irrigated systems in the Cerrado region of Brazil. <i>Australian Journal of Experimental Agriculture</i> , 2006, 46, 1515   |     | 13 |
| 169 | Efeito de esc^ ãa de alto forno no crescimento radicular e na produtividade de arroz. <i>Pesquisa Agropecuaria Brasileira</i> , 2003, 38, 1323-1328   | 1.8 | 13 |
| 168 | Nutri^ ão e produtividade de gr^ ãos da aveia-preta em fun^ ão da aplic^ ão de calc^ ão e gesso em superf^ ãe na implanta^ ão do sistema plantio direto. <i>Revista Brasileira De Ciencia Do Solo</i> , 2008, 32, 715-725 | 1.5 | 13 |
| 167 | Yield and mineral nutrition of soybean, maize, and Congo signal grass as affected by limestone and slag. <i>Pesquisa Agropecuaria Brasileira</i> , 2013, 48, 673-681  | 1.8 | 13 |
| 166 | Efeito do nitrog^ ão sobre a qualidade fisiol^ gica, produtividade e caracter^ ãsticas de sementes de feij^ ão. <i>Revista Brasileira De Sementes = Brazilian Seed Journal</i> , 2003, 25, 108-115                        |     | 13 |
| 165 | Soil chemical properties affected by cover crops under no-tillage system. <i>Revista Ceres</i> , 2015, 62, 401-408  | 0.7 | 12 |
| 164 | Cover Crop Termination Timing on Rice Crop Production in a No-Till System. <i>Crop Science</i> , 2013, 53, 2659-2669  |     | 12 |
| 163 | Produtividade, qualidade de tub^ ãculos e incid^ ãcia de doen^ ães em batata, influenciados pela aplic^ ão foliar de sil^ ão. <i>Pesquisa Agropecuaria Brasileira</i> , 2012, 47, 1000-1006                               | 1.8 | 12 |
| 162 | Produ^ ão de fitomassa e ac^ ãulo de nutrientes por plantas de cobertura e cultivo da mamona em sucess^ ão no sistema plantio direto. <i>Ciencia Rural</i> , 2010, 40, 2092-2098  | 1.3 | 12 |
| 161 | Preparo do solo, irriga^ ão por aspers^ ão e rendimento de engenho do arroz de terras altas. <i>Scientia Agricola</i> , 2002, 59, 321-326   | 2.5 | 12 |
| 160 | Influ^ ãcia da ^ poca de semeadura e do manejo da parte a^ ũea de milheto sobre a soja em sucess^ ão em plantio direto. <i>Bragantia</i> , 2003, 62, 405-415  | 1.2 | 12 |
| 159 | Doses de f^ sforo e crescimento radicular de cultivares de arroz de terras altas. <i>Bragantia</i> , 2005, 64, 643-649  |     | 12 |
| 158 | Aplica^ ão superficial de calc^ ão e diferentes res^ ãduos em soja cultivada no sistema plantio direto. <i>Bragantia</i> , 2009, 68, 1059-1068  | 1.2 | 12 |
| 157 | Produtividade de arroz de terras altas em fun^ ão de reguladores de crescimento. <i>Revista Ceres</i> , 2014, 61, 42-49   | 0.7 | 12 |
| 156 | C^ ãtons hidrossol^ ãveis na parte a^ ũea de culturas anuais mediante aplic^ ão de calc^ ão e gesso em superf^ ãe. <i>Revista Brasileira De Ciencia Do Solo</i> , 2007, 31, 81-90   | 1.5 | 12 |
| 155 | Effect of potassium sources and rates on arabica coffee yield, nutrition, and macronutrient export. <i>Revista Brasileira De Ciencia Do Solo</i> , 2014, 38, 1448-1456  | 1.5 | 12 |

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| 154 | Root Distribution, Nutrient Uptake, and Yield of Two Upland Rice Cultivars under Two Water Regimes. <i>Agronomy Journal</i> , <b>2013</b> , 105, 237-247   | 2.2 | 11 |
| 153 | ^ Pocas de aplica^ão de nitrogênio em feijoeiro cultivado ap^os milho solteiro ou consorciado com braqui^ea. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2013</b> , 48, 1351-1359                             | 1.8 | 11 |
| 152 | Componentes da produ^ção e produtividade de cultivares de arroz e feijão em função do calcário e gesso aplicados na superfície do solo. <i>Bragantia</i> , <b>2010</b> , 69, 965-974                           | 1.2 | 11 |
| 151 | Influ^ência do etil-trinexapac no acúmulo, na distribuição de nitrogênio (15N) e na massa de grãos de arroz de terras altas. <i>Revista Brasileira De Ciencia Do Solo</i> , <b>2007</b> , 31, 1487-1496        | 1.5 | 11 |
| 150 | Adubação de cultivares de feijoeiro comum em várzeas tropicais. <i>Pesquisa Agropecuaria Tropical</i> , <b>2012</b> , 42, 407-415  | 1.2 | 11 |
| 149 | An^ese de crescimento e produtividade de cultivares de arroz de terras altas dos tipos tradicional, intermediário e moderno. <i>Pesquisa Agropecuaria Tropical</i> , <b>2012</b> , 42, 397-406                 | 1.2 | 11 |
| 148 | Nitrogen fertilization on palisadegrass: phytomass decomposition and nutrients release. <i>Pesquisa Agropecuaria Tropical</i> , <b>2016</b> , 46, 159-168  | 1.2 | 11 |
| 147 | Residual effects of superficial liming on tropical soil under no-tillage system. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2016</b> , 51, 1633-1642   | 1.8 | 11 |
| 146 | Nutrients released by Urochloa cover crops prior to soybean. <i>Nutrient Cycling in Agroecosystems</i> , <b>2019</b> , 113, 267-281  | 3.3 | 10 |
| 145 | Sistemas de produção de grãos e incidência de plantas daninhas. <i>Planta Daninha</i> , <b>2011</b> , 29, 1001-1010  | 0.7 | 10 |
| 144 | Corn intercropped with tropical perennial grasses as affected by sidedress nitrogen application rates. <i>Nutrient Cycling in Agroecosystems</i> , <b>2020</b> , 116, 223-244                                  | 3.3 | 10 |
| 143 | Inoculation as a Tool for Attenuating Drought Stress in Sugarcane. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 645542  | 6.2 | 10 |
| 142 | Effect of Intercropped Tropical Perennial Grasses on the Production of Sorghum-Based Silage. <i>Agronomy Journal</i> , <b>2016</b> , 108, 2379-2390  | 2.2 | 10 |
| 141 | Surface Application of Lime-Silicate-Phosphogypsum Mixtures for Improving Tropical Soil Properties and Irrigated Common Bean Yield. <i>Soil Science Society of America Journal</i> , <b>2016</b> , 80, 930-942 | 2.5 | 10 |
| 140 | Upland Rice Growth and Mineral Nutrition as Affected by Cultivars and Sulfur Availability. <i>Soil Science Society of America Journal</i> , <b>2013</b> , 77, 328-335  | 2.5 | 9  |
| 139 | Produção de massa seca e nutrição de cultivares de arroz de terras altas sob condições de déficit hídrico e adubação silicatada. <i>Semina: Ciencias Agrarias</i> , <b>2011</b> , 32, 939-948                  | 0.6 | 9  |
| 138 | Produção de matéria seca e absorção de nutrientes pelo milho em razão da saturação por bases e da adubação potássica. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2000</b> , 35, 2437-2446                    | 1.8 | 9  |
| 137 | Autumn Maize Intercropped with Tropical Forages: Crop Residues, Nutrient Cycling, Subsequent Soybean and Soil Quality. <i>Revista Brasileira De Ciencia Do Solo</i> , <b>2016</b> , 40,                        | 1.5 | 9  |

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|-----|---|-----|---|
| 136 | Magnesium as a Promoter of Technological Quality in Sugarcane. <i>Journal of Soil Science and Plant Nutrition</i> , <b>2020</b> , 20, 19-30   | 3.2 | 9 |
| 135 | Liming demand and plant growth improvements for an Oxisol under long-term no-till cropping. <i>Journal of Agricultural Science</i> , <b>2017</b> , 155, 1093-1112   | 1   | 8 |
| 134 | Silage production of corn intercropped with tropical forages in an integrated crop-livestock system with lambs. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2017</b> , 52, 54-62                             | 1.8 | 8 |
| 133 | Changes in Soil Physical Properties and Carbon Protection Mechanisms by Surface Application of Lime in a Tropical No-Tillage System. <i>Soil Science Society of America Journal</i> , <b>2018</b> , 82, 56-65 | 2.5 | 8 |
| 132 | Intensive annual crop production and root development in a tropical acid soil under long-term no-till and soil-amendment management. <i>Crop and Pasture Science</i> , <b>2018</b> , 69, 488                  | 2.2 | 8 |
| 131 | The effect of filter cakes enriched with soluble phosphorus used as a fertilizer on the sugarcane ratoons. <i>Acta Scientiarum - Agronomy</i> , <b>2014</b> , 36, 365   | 0.6 | 8 |
| 130 | Cons^ Ecio de guandu-an^ B com milheto: persist^ Ecia e libera^ D B de macronutrientes e sil^ Eio da fitomassa. <i>Bragantia</i> , <b>2012</b> , 71, 264-272  | 1.2 | 8 |
| 129 | Leaf application of silicic acid to upland rice and corn. <i>Semina: Ciencias Agrarias</i> , <b>2013</b> , 34, 2803   | 0.6 | 8 |
| 128 | Soil management and nitrogen fertilization for sprinkler-irrigated upland rice cultivars. <i>Scientia Agricola</i> , <b>2003</b> , 60, 345-352  | 2.5 | 8 |
| 127 | Manejo de irriga^ D B por aspers^ B com base no "Kc" e aduba^ D B mineral na cultura de arroz de terras altas. <i>Bragantia</i> , <b>2003</b> , 62, 465-475   | 1.2 | 8 |
| 126 | Impact of Amendments on the Physical Properties of Soil under Tropical Long-Term No Till Conditions. <i>PLoS ONE</i> , <b>2016</b> , 11, e0167564   | 3.7 | 8 |
| 125 | Upland rice intercropped with forage grasses in an integrated crop-livestock system: Optimizing nitrogen management and food production. <i>Field Crops Research</i> , <b>2021</b> , 261, 108008              | 5.5 | 8 |
| 124 | Soil carbon and nitrogen fractions and physical attributes affected by soil acidity amendments under no-till on Oxisol in Brazil. <i>Geoderma Regional</i> , <b>2021</b> , 24, e00347                         | 2.7 | 8 |
| 123 | Can Dunite Promote Physiological Changes, Magnesium Nutrition and Increased Corn Grain Yield?. <i>Communications in Soil Science and Plant Analysis</i> , <b>2019</b> , 50, 2343-2353                         | 1.5 | 7 |
| 122 | Can Palisade and Guinea Grass Sowing Time in Intercropping Systems Affect Soybean Yield and Soil Chemical Properties?. <i>Frontiers in Sustainable Food Systems</i> , <b>2020</b> , 4,                        | 4.8 | 7 |
| 121 | Soil Fertility, Sugarcane Yield Affected by Limestone, Silicate, and Gypsum Application. <i>Communications in Soil Science and Plant Analysis</i> , <b>2017</b> , 48, 2314-2323                               | 1.5 | 7 |
| 120 | Ammonium and nitrate in soil and upland rice yield as affected by cover crops and their desiccation time. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2012</b> , 47, 1699-1706                               | 1.8 | 7 |
| 119 | Upland rice yield as affected by previous summer crop rotation (soybean or upland rice) and glyphosate management on cover crops. <i>Planta Daninha</i> , <b>2013</b> , 31, 147-155                           | 0.7 | 7 |

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| 118 | Influ^ ãcia da ^ poca de semeadura no comportamento de cultivares de arroz irrigado por aspers^ ão em Selv^ ãa, MS. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2000</b> , 35, 1967-1976   | 1.8 | 7 |
| 117 | Componentes morfol^ ãicos e produ^ ão de mat^ ãia seca de milho em fun^ ão da aplica^ ão de calc^ ão e zinco. <i>Scientia Agricola</i> , <b>2001</b> , 58, 321-327  | 2.5 | 7 |
| 116 | Aplica^ ão de enxofre em cobertura no feijoeiro em sistema de plantio direto. <i>Bragantia</i> , <b>2006</b> , 65, 459-465  |     | 7 |
| 115 | Produ^ ão de fitomassa e ac^ ãulo de nutrientes pela aveia-preta em fun^ ão da aplica^ ão de calc^ ão e gesso em superf^ ãe na implanta^ ão do sistema plantio direto. <i>Ciencia Rural</i> , <b>2008</b> , 38, 928-935   | 1.3 | 7 |
| 114 | Upland rice yield enhanced by early nitrogen fertilization on previous palisade grass. <i>Nutrient Cycling in Agroecosystems</i> , <b>2020</b> , 118, 115-131   | 3.3 | 7 |
| 113 | Dunite in Agriculture: Physiological Changes, Nutritional Status and Soybean Yield. <i>Communications in Soil Science and Plant Analysis</i> , <b>2019</b> , 50, 1775-1784  | 1.5 | 6 |
| 112 | Silicon leaf application and physiological quality of white oat and wheat seeds. <i>Semina:Ciencias Agrarias</i> , <b>2012</b> , 33, 1693-1702  | 0.6 | 6 |
| 111 | Reguladores vegetais e qualidade tecnol^ ãica da cana-de-a^ ão em meio de safra. <i>Ciencia E Agrotecnologia</i> , <b>2008</b> , 32, 1843-1850  | 1.6 | 6 |
| 110 | Caracter^ ãticas agron^ ãicas, produtividade e qualidade fisiol^ ãica da soja "safrinha" sob semeadura direta, em fun^ ão da cobertura vegetal e da calagem superficial. <i>Revista Brasileira De Sementes = Brazilian Seed Journal</i> , <b>2009</b> , 31, 69-80 |     | 6 |
| 109 | RENDIMENTO DE BENEF^ ãO E DE GR^ ãOS INTEIROS EM FUN^ ãO DO ESPA^ ãAMENTO E DA DENSIDADE DE SEMEADURA DO ARROZ DE SEQUEIRO. <i>Scientia Agricola</i> , <b>1999</b> , 56, 47-52  | 2.5 | 6 |
| 108 | Produ^ ão de Brachiaria brizantha e Panicum maximum com milho e aduba^ ão nitrogenada. <i>Archivos De Zootecnia</i> , <b>2007</b> , 58, 211-222   | 1.4 | 6 |
| 107 | PRODUTIVIDADE DO ARROZ DE TERRAS ALTAS EM FUN^ ãO DO MANEJO DO SOLO E DA ^ POMA DE APLICA^ ãO DE NITROG^ ãNIO. <i>Pesquisa Agropecuaria Tropical</i> , <b>2011</b> , 41,  | 1.2 | 6 |
| 106 | Recovery of 15N fertilizer in intercropped maize, grass and legume and residual effect in black oat under tropical conditions. <i>Agriculture, Ecosystems and Environment</i> , <b>2021</b> , 310, 107226   | 5.7 | 6 |
| 105 | Long-term liming improves soil fertility and soybean root growth, reflecting improvements in leaf gas exchange and grain yield. <i>European Journal of Agronomy</i> , <b>2021</b> , 128, 126308   | 5   | 6 |
| 104 | Can Micronized Sulfur in Urea Reduce Ammoniacal Nitrogen Volatilization and Improve Maize Grain Yield?. <i>Journal of Soil Science and Plant Nutrition</i> , <b>2019</b> , 19, 701-711  | 3.2 | 5 |
| 103 | Yield and nutritive value of the silage of corn intercropped with tropical perennial grasses. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2017</b> , 52, 63-73   | 1.8 | 5 |
| 102 | Interfer^ ãcia de Brachiaria plantaginea com a cultura do arroz, cv. Primavera. <i>Planta Daninha</i> , <b>2012</b> , 30, 17-26   | 0.7 | 5 |
| 101 | Physiological quality of soybean and wheat seeds produced with alternative potassium sources. <i>Revista Brasileira De Sementes = Brazilian Seed Journal</i> , <b>2011</b> , 33, 363-371  |     | 5 |

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| 100 | Desenvolvimento e produtividade da cana-de-açúcar apesar da aplicação de reguladores vegetais em meio de safra. <i>Semina: Ciencias Agrarias</i> , 2011, 32, 129  | 0.6 | 5 |
| 99  | Reguladores vegetais e atividade de invertases em cana-de-açúcar em meio de safra. <i>Ciencia Rural</i> , 2009, 39, 718-725   | 1.3 | 5 |
| 98  | Boro em arroz de terras altas cultivado em solução nutritiva. <i>Bragantia</i> , 2009, 68, 743-751  | 1.2 | 5 |
| 97  | Qualidade tecnológica da cana-de-açúcar em função da aplicação de maturadores em meio de safra. <i>Bragantia</i> , 2009, 68, 527-534  | 1.2 | 5 |
| 96  | Máximo de determinação de cromo e magnésio trocável e estimativa do calcário residual em um Latossolo submetido à aplicação de calcário e gesso em superfície. <i>Revista Brasileira De Ciencia Do Solo</i> , 2008, 32, 663-673 | 1.5 | 5 |
| 95  | Sistema radicular de cultivares de feijão em resposta à calagem. <i>Pesquisa Agropecuaria Brasileira</i> , 2004, 39, 701-707  | 1.8 | 5 |
| 94  | Crescimento do milho em função da saturação por bases e da adubação mineral potássica. <i>Scientia Agricola</i> , 2001, 58, 145-150   | 2.5 | 5 |
| 93  | Phytomass decomposition and nutrients release from pearl millet, guinea grass and palisade grass. <i>Bioscience Journal</i> , 1191-1203   | 2   | 5 |
| 92  | Influência da lama de água e adubação mineral na nutrição e produtividade de arroz de terras altas. <i>Revista Brasileira De Ciencia Do Solo</i> , 2003, 27, 647-654  | 1.5 | 5 |
| 91  | MATRIZ SECA E ABSORÇÃO DE NUTRIENTES EM FUNÇÃO DO ESPAÇAMENTO E DA DENSIDADE DE SEMEADURA EM ARROZ DE TERRA ALTA. <i>Scientia Agricola</i> , 1999, 56, 63-70  | 2.5 | 5 |
| 90  | Produtividade e qualidade industrial do arroz de terras altas em função da disponibilidade hídrica e adubação. <i>Pesquisa Agropecuaria Tropical</i> , 2012, 42, 340-349  | 1.2 | 5 |
| 89  | Teor de nitrogênio inorgânico no solo em função de plantas de cobertura, fontes de nitrogênio e inibidor de nitrificação. <i>Pesquisa Agropecuaria Tropical</i> , 2013, 43, 424-435   | 1.2 | 5 |
| 88  | Plantas de cobertura, manejo da palhada e produtividade da mamoneira no sistema plantio direto. <i>Revista Ciencia Agronomica</i> , 2011, 42, 978-985   | 1   | 5 |
| 87  | Magnesium Foliar Supplementation Increases Grain Yield of Soybean and Maize by Improving Photosynthetic Carbon Metabolism and Antioxidant Metabolism. <i>Plants</i> , 2021, 10,   | 4.5 | 5 |
| 86  | Beneficial microbial species and metabolites alleviate soybean oxidative damage and increase grain yield during short dry spells. <i>European Journal of Agronomy</i> , 2021, 127, 126293                                       | 5   | 5 |
| 85  | Maize-Brachiaria intercropping: A strategy to supply recycled N to maize and reduce soil NO emissions?. <i>Agriculture, Ecosystems and Environment</i> , 2021, 319, 107491  | 5.7 | 5 |
| 84  | Response of Application of Growth Inhibitors on Sugarcane Productivity and Sucrose Accumulation in the Middle of Cropping Season in Brazil. <i>Sugar Tech</i> , 2017, 19, 155-164   | 1.9 | 4 |
| 83  | Rhizobial Inoculation and Molybdenum Fertilization in Peanut Crops Grown in a No Tillage System After 20 Years of Pasture. <i>Revista Brasileira De Ciencia Do Solo</i> , 2019, 43,   | 1.5 | 4 |

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| 82 | Cover crops affecting levels of ammonium and nitrate in the soil and upland rice development.<br><i>Semina: Ciencias Agrarias</i> , 2013, 34, 2189  | 0.6 | 4 |
| 81 | Upland rice under no-tillage preceded by crops for soil cover and nitrogen fertilization. <i>Revista Brasileira De Ciencia Do Solo</i> , 2013, 37, 1669-1677  | 1.5 | 4 |
| 80 | ^ Pocas de aplica^ B de nitrog^ Bio para h^ Bridos de mamona no sistema plantio direto em safrinha.<br><i>Semina: Ciencias Agrarias</i> , 2011, 32, 391-410   | 0.6 | 4 |
| 79 | Qualidade tecnol^ gica, produtividade e margem de contribui^ B agr^ Bola da cana-de-a^ Btar em fun^ B da aplica^ B de reguladores vegetais no in^ Bio da safra. <i>Ciencia Rural</i> , 2009, 39, 726-732                      | 1.3 | 4 |
| 78 | Aduba^ B por ^ Bea e por planta, densidade populacional e desenvolvimento do milho em fun^ B do sistema de manejo do solo. <i>Acta Scientiarum - Agronomy</i> , 2004, 26, 337   | 0.6 | 4 |
| 77 | Produ^ B e qualidade fisiol^ gica de sementes de soja avaliadas na semeadura de inverno. <i>Scientia Agricola</i> , 2002, 59, 79-86   | 2.5 | 4 |
| 76 | Doses de boro e crescimento radicular e da parte a^ tea de cultivares de arroz de terras altas.<br><i>Revista Brasileira De Ciencia Do Solo</i> , 2006, 30, 1077-1082   | 1.5 | 4 |
| 75 | Fertilization with filter cake and micronutrients in plant cane. <i>Revista Brasileira De Ciencia Do Solo</i> , 2013, 37, 649-657   | 1.5 | 4 |
| 74 | COMPONENTES DE PRODU^ B E PRODUTIVIDADE DE GR^ OS DE ARROZ DE SEQUEIRO EM FUN^ B DO ESPA^ AMENTO E DA DENSIDADE DE SEMEADURA. <i>Scientia Agricola</i> , 1999, 56, 53-62  | 2.5 | 4 |
| 73 | Fertilizer distribution mechanisms and side dress nitrogen fertilization in upland rice under no-tillage system. <i>Scientia Agricola</i> , 2010, 67, 562-569   | 2.5 | 4 |
| 72 | DESENVOLVIMENTO E PRODUTIVIDADE DE CULTIVARES DE ARROZ DE TERRAS ALTAS EM FUN^ B DO MANEJO DO SOLO. <i>Pesquisa Agropecuaria Tropical</i> , 2011, 41,   | 1.2 | 4 |
| 71 | Evaluation of soil extractants for silicon availability for sugarcane. <i>Journal of Plant Nutrition</i> , 2018, 41, 2241-2255  | 2.3 | 4 |
| 70 | Optimizing cover crop and fertilizer timing for high maize yield and nitrogen cycle control.<br><i>Geoderma</i> , 2022, 405, 115423   | 6.7 | 4 |
| 69 | Forage Grasses Steer Soil Nitrogen Processes, Microbial Populations, and Microbiome Composition in A Long-term Tropical Agriculture System. <i>Agriculture, Ecosystems and Environment</i> , 2022, 323, 107688 <sup>5-7</sup> | 4   |   |
| 68 | Surface lime and silicate application and crop production system effects on physical characteristics of a Brazilian Oxisol. <i>Soil Research</i> , 2017, 55, 778  | 1.8 | 3 |
| 67 | Sensores de reflect^ Bcia e fluoresc^ Bcia na avalia^ B de teores de nitrog^ Bio, produ^ B de biomassa e produtividade do algodoeiro. <i>Pesquisa Agropecuaria Brasileira</i> , 2012, 47, 1133-1141                           | 1.8 | 3 |
| 66 | Granulometria e doses de calc^ Bio em diferentes sistemas de manejo. <i>Acta Scientiarum - Agronomy</i> , 2011, 33,   | 0.6 | 3 |
| 65 | Leaf gas exchange and yield of three upland rice cultivars. <i>Bragantia</i> , 2015, 74, 1-8  | 1.2 | 3 |

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| 64 | Efeitos de diferentes manejos de $\text{C}^{\text{14}}$ gua no estabelecimento de plantas de arroz no sistema pr $\text{C}^{\text{14}}$ -germinado. <i>Pesquisa Agropecuaria Brasileira</i> , 2001, 36, 1093-1099   | 1.8 | 3 |
| 63 | Persist $\text{C}^{\text{14}}$ ncia e libera $\text{C}^{\text{14}}$ o de elementos da fitomassa do cons $\text{C}^{\text{14}}$ lio crotal $\text{C}^{\text{14}}$ ia com milheto sob fragmenta $\text{C}^{\text{14}}$ o. <i>Revista Ciencia Agronomica</i> , 2014, 45, 197-208 | 1   | 3 |
| 62 | Nitrogen-Fertilized Systems of Maize Intercropped With Tropical Grasses for Enhanced Yields and Estimated Land Use and Meat Production. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4,   | 4.8 | 3 |
| 61 | Deposi $\text{C}^{\text{14}}$ o de s $\text{C}^{\text{14}}$ lica e teor de nitrog $\text{C}^{\text{14}}$ nio e sil $\text{C}^{\text{14}}$ o em arroz. <i>Semina: Ciencias Agrarias</i> , 2013, 34,  | 0.6 | 3 |
| 60 | An Innovative Corn to Silage-Grass-Legume Intercropping System With Oversown Black Oat and Soybean to Silage in Succession for the Improvement of Nutrient Cycling. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4,   | 4.8 | 3 |
| 59 | Long-term effects of lime and phosphogypsum on soil carbon and nitrogen and physical attributes under tropical no-till. <i>Soil Science Society of America Journal</i> , 2021, 85, 328-339  | 2.5 | 3 |
| 58 | Long-Term Lime and Phosphogypsum Amended-Soils Alleviates the Field Drought Effects on Carbon and Antioxidative Metabolism of Maize by Improving Soil Fertility and Root Growth. <i>Frontiers in Plant Science</i> , 2021, 12, 650296   | 6.2 | 3 |
| 57 | Reactivity of Sedimentary and Metamorphic Limestones of Different Particle Sizes under Controlled Conditions. <i>Communications in Soil Science and Plant Analysis</i> , 2019, 50, 464-473  | 1.5 | 2 |
| 56 | A Multivariate Approach to Determine the Economic Profitability of Sugarcane Production Under Diverse Climatic Conditions in Brazil. <i>Sugar Tech</i> , 2020, 22, 954-966  | 1.9 | 2 |
| 55 | Nitrogen Fertilization on Pearl Millet and Guinea Grass: Phytomass Decomposition, Cellulose, Lignin, and Nutrients Release. <i>Communications in Soil Science and Plant Analysis</i> , 2019, 50, 1614-1623  | 1.5 | 2 |
| 54 | Nutrient extraction and exportation by castor bean hybrid lyra. <i>Revista Brasileira De Ciencia Do Solo</i> , 2012, 36, 123-124  | 1.5 | 2 |
| 53 | Fontes e doses de nitrog $\text{C}^{\text{14}}$ nio para mamoneira de porte baixo no sistema plantio direto. <i>Ciencia Rural</i> , 2012, 42, 1744-1751   | 1.3 | 2 |
| 52 | Calagem e silicatagem superficiais e a disponibilidade de c $\text{H}_+$ ions hidrossol $\text{C}^{\text{14}}$ veis em culturas anuais e braqui $\text{C}^{\text{14}}$ ia. <i>Revista Ciencia Agronomica</i> , 2012, 43, 740-748  | 1   | 2 |
| 51 | Atividade das enzimas invertases e ac $\text{H}_+$ ulo de sacarose em cana-de-a $\text{C}^{\text{14}}$ dar sob efeito do nitrato de pot $\text{C}^{\text{14}}$ sio, etefon e etil-trinexapac. <i>Ciencia E Agrotecnologia</i> , 2011, 35, 649-656                             | 1.6 | 2 |
| 50 | Biomass production and accumulation of nutrients in shoots of Giant Guinea sorghum plants. <i>Revista Ciencia Agronomica</i> , 2011, 42, 1000-1008  | 1   | 2 |
| 49 | Maturadores e qualidade tecnol $\text{C}^{\text{14}}$ ica da cana-de-a $\text{C}^{\text{14}}$ dar variedade RB855453 em in $\text{C}^{\text{14}}$ lio de safra. <i>Bragantia</i> , 2009, 68, 781-787  | 1.2 | 2 |
| 48 | An $\text{C}^{\text{14}}$ lise de crescimento de duas cultivares de amendoim ( <i>Arachis hypogaea L.</i> ). <i>Acta Scientiarum - Agronomy</i> , 2005, 27, 611   | 0.6 | 2 |
| 47 | Produtividade e componentes da produ $\text{C}^{\text{14}}$ o do amendoim da seca em raz $\text{C}^{\text{14}}$ o da poca de semeadura e da aplica $\text{C}^{\text{14}}$ o de c $\text{H}_+$ lio. <i>Pesquisa Agropecuaria Brasileira</i> , 2000, 35, 1549-1558              | 1.8 | 2 |

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| 46 | Soil fertility, ratoon sugarcane yield, and post-harvest residues as affected by surface application of lime and gypsum in southeastern Brazil. <i>Bioscience Journal</i> , 276-287                               | 2   | 2 |
| 45 | Produtividade e caracter^ Eticas tecnol^ Gicas de cultivares de feij^ B em resposta ^ calagem superficial em plantio direto. <i>Bragantia</i> , 2011, 70, 196-205   | 1.2 | 2 |
| 44 | Crescimento radicular e a^ feo de cultivares de arroz de terras altas em fun^ D^ da calagem. <i>Bragantia</i> , 2012, 71, 256-263   | 1.2 | 2 |
| 43 | Legacy Effects of Intercropping and Nitrogen Fertilization on Soil N Cycling, Nitrous Oxide Emissions, and the Soil Microbial Community in Tropical Maize Production. <i>Frontiers in Soil Science</i> , 2021, 1, | 2   |   |
| 42 | Produtividade do arroz irrigado por aspers^ B em fun^ D^ do espa^ Bamento e da densidade de semeadura. <i>Pesquisa Agropecuaria Brasileira</i> , 2000, 35, 1093-1100  | 1.8 | 2 |
| 41 | Qualidade tecnol^ Gica em diferentes por^ D^ es do colmo e produtividade da cana-de-a^ D^ car sob efeito de maturadores. <i>Bragantia</i> , 2010, 69, 861-870   | 1.2 | 2 |
| 40 | TRINEXAPAC-ETHYL AFFECTS GROWTH AND GAS EXCHANGE OF UPLAND RICE. <i>Revista Caatinga</i> , 2016, 29, 320-326  | 0.6 | 2 |
| 39 | Agricultural repurposing of nickel slag residue. <i>Journal of Plant Nutrition</i> , 2021, 44, 1141-1150  | 2.3 | 2 |
| 38 | Fuel Consumption Between Two Soil Tillage Systems for Planting Sugarcane. <i>Sugar Tech</i> , 2021, 23, 219-224   | 2   |   |
| 37 | Mitigation of ammonia volatilisation from urea with micronised sulfur applied to common bean. <i>Soil Research</i> , 2019, 57, 357  | 1.8 | 1 |
| 36 | Ac^ Bculo de sil^ Bio na parte a^ fea de cultivares de arroz de terras altas afetado pela aplic^ D^ de silicato e carbonato no solo. <i>Semina: Ciencias Agrarias</i> , 2013, 34, 2049                            | 0.6 | 1 |
| 35 | Acidez do solo afetando concentra^ D^ de micronutrientes, atividade da enzima nitrato redutase e produtividade em plantas de arroz de terras altas. <i>Semina: Ciencias Agrarias</i> , 2013, 34, 3397             | 0.6 | 1 |
| 34 | Desenvolvimento da aveia branca e disponibilidade de f^ Bforo em raz^ D^ da aplic^ D^ de silicato de pot^ Blio. <i>Revista Ceres</i> , 2011, 58, 831-837  | 0.7 | 1 |
| 33 | Potassium-magnesium imbalance causes detrimental effects on growth, starch allocation and Rubisco activity in sugarcane plants. <i>Plant and Soil</i> , 2022, 472, 225  | 4.2 | 1 |
| 32 | Produtividade de gr^ Bs e exporta^ D^ de nutrientes de cultivares de arroz irrigadas por aspers^ B em conseq^ D^ uencia da ^ bocas de semeadura. <i>Bragantia</i> , 2007, 66, 247-257                             | 1.2 | 1 |
| 31 | Cycling of nutrients and silicon in pigeonpea and pearl millet monoculture and intercropping. <i>Revista Brasileira De Ciencia Do Solo</i> , 2013, 37, 1628-1640  | 1.5 | 1 |
| 30 | Composi^ D^ f^ Blico-qu^ Blica e potencial para ensilagem do sorgo-de-guin^ 'gigante em seis ^ bocas de semeadura. <i>Pesquisa Agropecuaria Brasileira</i> , 2005, 40, 935-942                                    | 1.8 | 1 |
| 29 | Comparative analysis of exchangeable aluminum in a tropical soil under long-term no-till cultivation. <i>Soil and Tillage Research</i> , 2022, 216, 105242  | 6.5 | 1 |

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| 28 | Effectiveness of deep lime placement and tillage systems on aluminum fractions and soil chemical attributes in sugarcane cultivation. <i>Geoderma</i> , <b>2022</b> , 407, 115545                                | 6.7 | 1 |
| 27 | Participação do colmo principal e dos afilhos na produtividade do arroz irrigado, em função da densidade de semeadura. <i>Bragantia</i> , <b>2010</b> , 69, 387-393  | 1.2 | 1 |
| 26 | Overcoming Competition From Intercropped Forages on Upland Rice With Optimized Nitrogen Input to Food Production in Tropical Region. <i>Frontiers in Sustainable Food Systems</i> , <b>2020</b> , 4,             | 4.8 | 1 |
| 25 | Acquisition of the physiological quality of peanut ( <i>Arachis hypogaea L.</i> ) seeds during maturation under the influence of the maternal environment. <i>PLoS ONE</i> , <b>2021</b> , 16, e0250293          | 3.7 | 1 |
| 24 | Early nitrogen supply as an alternative management for a cover crop-maize sequence under a no-till system. <i>Nutrient Cycling in Agroecosystems</i> , <b>2021</b> , 121, 1-14                                   | 3.3 | 1 |
| 23 | Macronutrient Uptake and Removal by Upland Rice Cultivars with Different Plant Architecture. <i>Revista Brasileira De Ciencia Do Solo</i> , <b>2016</b> , 40,  | 1.5 | 1 |
| 22 | Filter Cake as a Long-Standing Source of Micronutrients for Sugarcane. <i>Journal of Soil Science and Plant Nutrition</i> , <b>2021</b> , 21, 813-823  | 3.2 | 1 |
| 21 | Thermomagnesium as a fertilizer for soybean: carbohydrate metabolism, silicon-magnesium fertilizer, and grain yield. <i>Journal of Plant Nutrition</i> , <b>2021</b> , 44, 2108-2122                             | 2.3 | 1 |
| 20 | Thermomagnesium: A By-Product of Ni Ore Mining as a Clean Fertilizer Source for Maize. <i>Agronomy</i> , <b>2021</b> , 11, 525   | 3.6 | 1 |
| 19 | Foliar nitrogen as stimulant fertilization alters carbon metabolism, reactive oxygen species scavenging, and enhances grain yield in a soybean-maize rotation. <i>Crop Science</i> , <b>2021</b> , 61, 3687-3701 | 2.4 | 1 |
| 18 | Sulfur speciation in a tropical soil amended with lime and phosphogypsum under long-term no-tillage system. <i>Geoderma</i> , <b>2022</b> , 406, 115461  | 6.7 | 1 |
| 17 | An Approach Using Emerging Optical Technologies and Artificial Intelligence Brings New Markers to Evaluate Peanut Seed Quality.. <i>Frontiers in Plant Science</i> , <b>2022</b> , 13, 849986                    | 6.2 | 1 |
| 16 | Surface liming triggers improvements in subsoil fertility and root distribution to boost maize crop physiology, yield and revenue. <i>Plant and Soil</i> , <b>1</b>  | 4.2 | 1 |
| 15 | Influence of Elemental Sulfur on Sugarcane Yield on Histosols with Near-Neutral pH. <i>Communications in Soil Science and Plant Analysis</i> , <b>2018</b> , 49, 109-123   | 1.5 | 0 |
| 14 | Phosphate fertilization on nutritional status and growth of upland rice cultivars. <i>Journal of Plant Nutrition</i> , <b>2019</b> , 42, 1516-1528   | 2.3 | 0 |
| 13 | Ocorrência de septoriose em <i>Crotalaria spectabilis</i> no Estado de Mato Grosso, Brasil. <i>Summa Phytopathologica</i> , <b>2012</b> , 38, 344-344  | 0.4 | 0 |
| 12 | Potassium Bioavailability in a Tropical Kaolinitic Soil. <i>Agronomy</i> , <b>2021</b> , 11, 2016  | 3.6 | 0 |
| 11 | Liming Optimizes Nitrogen Fertilization in a Maize-Upland Rice Rotation under No-Till Conditions. <i>Agronomy</i> , <b>2021</b> , 11, 2005   | 3.6 | 0 |

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| 10 | Soybean yield and nutrition after tropical forage grasses. <i>Nutrient Cycling in Agroecosystems</i> , <b>2021</b> , 121, 31-49  | 3.3 | O |
| 9  | Feasibility of early fertilization of maize with $^{15}\text{N}$ application to preceding cover crop. <i>European Journal of Agronomy</i> , <b>2022</b> , 135, 126485  | 5   | O |
| 8  | FORRAGEIRAS TROPICAIS EM CONS <sup>^</sup> RCIO COM MILHO E ADUBA <sup>^</sup> NO NITROGENADA SOBRE AS PROPRIEDADES F <sup>^</sup> SICAS DO SOLO. <i>Revista De Agricultura Neotropical</i> , <b>2021</b> , 8, e6318   | 1   | O |
| 7  | Deep tilling and localized liming improve soil chemical fertility and sugarcane yield in clayey soils. <i>Soil and Tillage Research</i> , <b>2022</b> , 222, 105425  | 6.5 | O |
| 6  | Desenvolvimento radicular e a <sup>^</sup> teo, nutri <sup>^</sup> o e efici <sup>^</sup> cia de absor <sup>^</sup> o de macronutrientes e zinco por cultivares de arroz de terras altas afetadas pela aduba <sup>^</sup> o fosfatada. <i>Semina: Ciencias Agrarias</i> , <b>2013</b> , 34, 2061 | 0.6 |   |
| 5  | Water-soluble nutrients in aerial plant parts of peanut and white oat as affected by lime and gypsum application. <i>Revista Brasileira De Ciencia Do Solo</i> , <b>2011</b> , 35, 513-522   | 1.5 |   |
| 4  | Kinetic parameters of silicon uptake by rice cultivars. <i>Revista Brasileira De Ciencia Do Solo</i> , <b>2012</b> , 36, 147-158   |     |   |
| 3  | Dunite solubilization kinetics in silicon-magnesium fertilization. <i>Journal of Plant Nutrition</i> , <b>2021</b> , 44, 2435-2446   |     |   |
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