

# Rodrigo Barros Rocha

## List of Publications by Year in descending order

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73  
papers

734  
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567281

15  
h-index

677142

22  
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74  
all docs

74  
docs citations

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times ranked

716  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Export of macronutrients for coffee fruits submitted to different doses of formulation 20-00-20. <i>Journal of Plant Nutrition</i> , 2022, 45, 2737-2747.   | 1.9 | 2         |
| 2  | Influence of nitrogen fertilization in mother plants on the growth and quality of clonal seedlings of <i>Coffea canephora</i> "Robusta"™ plants. <i>Ciencia Rural</i> , 2022, 52, .                                       | 0.5 | 2         |
| 3  | Caracterização da resposta bioquãmica de acessos de <i>Coffea canephora</i> quanto a resistãncia Ã ferrugem alaranjada. <i>Research, Society and Development</i> , 2022, 11, e56211730171.                          | 0.1 | 0         |
| 4  | <i>Coffea canephora</i> breeding: estimated and achieved gains from selection in the Western Amazon, Brazil. <i>Ciencia Rural</i> , 2021, 51, .   | 0.5 | 7         |
| 5  | GRAIN YIELD OF COFFEE PLANTS FERTILIZED WITH DIFFERENT DOSES OF 20-00-20 NPK FORMULATION UNDER RAINFED CONDITIONS. <i>Revista Caatinga</i> , 2021, 34, 486-493.   | 0.7 | 1         |
| 6  | Genetic divergence based on leaf vegetative and anatomical traits of <i>Coffea canephora</i> clones. <i>Semina:Ciencias Agrarias</i> , 2021, 42, 2717-2734.   | 0.3 | 2         |
| 7  | In vitro pollination and fluorescence microscopy for characterization of gametophytic self-incompatibility of <i>Coffea canephora</i> Pierre ex A. Froehner. <i>Crop Breeding and Applied Biotechnology</i> , 2021, 21, . | 0.4 | 0         |
| 8  | Natural Intervarietal Hybrids of <i>Coffea canephora</i> Have a High Content of Diterpenes. <i>Beverages</i> , 2021, 7, 77.   | 2.8 | 3         |
| 9  | Adaptability and stability of <i>Coffea canephora</i> Pierre ex Froehner genotypes in the Western Amazon. <i>Ciencia Rural</i> , 2020, 50, .  | 0.5 | 8         |
| 10 | Early induction of orthotropic shoots in <i>Coffea canephora</i> . <i>Revista Ceres</i> , 2020, 67, 281-287.  | 0.4 | 3         |
| 11 | Amazonian Robustas - new <i>Coffea canephora</i> coffee cultivars for the Western Brazilian Amazon. <i>Crop Breeding and Applied Biotechnology</i> , 2020, 20, .  | 0.4 | 19        |
| 12 | EFEITO DA FERMENTAão SOBRE QUALIDADE DA BEBIDA DO CAFã ROBUSTA ( <i>Coffea canephora</i> ) CULTIVADO NA AMAZãNIA OCIDENTAL.. <i>Revista Ifes Ciãncia</i> , 2020, 6, 159-170.                                      | 0.1 | 3         |
| 13 | A importãncia histãrica, socioeconãmica e ambiental da cacauicultura para o estado de Rondãnia. <i>Revista Ibero-americana De Ciãncias Ambientais</i> , 2020, 11, 314-332.                                      | 0.1 | 1         |
| 14 | Pyrethroid and organophosphate pesticide resistance in field populations of horn fly in Brazil. <i>Medical and Veterinary Entomology</i> , 2019, 33, 121-130.   | 1.5 | 14        |
| 15 | I.240 ADAPTABILITY AND STABILITY OF <i>Coffea arabica</i> LINES IN THE WESTERN AMAZON. <i>Coffee Science</i> , 2019, 14, 240.   | 0.5 | 1         |
| 16 | Selection of <i>Coffea canephora</i> parents from the botanical varieties Conilon and Robusta for the production of intervarietal hybrids. <i>Ciencia Rural</i> , 2018, 48, .   | 0.5 | 13        |
| 17 | Genetic progress with selection of <i>Coffea canephora</i> clones of superior processed coffee yield. <i>Ciencia Rural</i> , 2018, 48, .  | 0.5 | 8         |
| 18 | Acaricidal activity of extracts from different structures of <i>Piper tuberculatum</i> against larvae and adults of <i>Rhipicephalus microplus</i> . <i>Acta Amazonica</i> , 2018, 48, 57-62.                             | 0.7 | 7         |

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|----|---|-----|-----------|
| 19 | CHARACTERIZATION OF BEVERAGE QUALITY IN <i>Coffea canephora</i> Pierre ex A. Froehner. <i>Coffee Science</i> , 2018, 13, 210.   | 0.5 | 13        |
| 20 | Characterization of resistance response of <i>Coffea canephora</i> genotypes to <i>Meloidogyne incognita</i> (Est 12) root-knot nematode. <i>Coffee Science</i> , 2018, 13, 219.                        | 0.5 | 6         |
| 21 | CONTRIBUTION OF AGRONOMIC TRAITS TO THE YIELD OF <i>Coffea canephora</i> PIERRE EX A. FROEHNER HULLED COFFEE. <i>Coffee Science</i> , 2018, 13, 333.  | 0.5 | 6         |
| 22 | Research Article Characterization of gametophytic self-incompatibility of superior clones of <i>Coffea canephora</i> . <i>Genetics and Molecular Research</i> , 2018, 17, .                             | 0.2 | 18        |
| 23 | Evaluation of chemometric methodologies for the classification of <i>Coffea canephora</i> cultivars via FT-NIR spectroscopy and direct sample analysis. <i>Analytical Methods</i> , 2017, 9, 4255-4260. | 2.7 | 17        |
| 24 | Crown cover of native trees in the structural development of reforestations in Rondônia. <i>Revista Ceres</i> , 2017, 64, 451-456.  | 0.4 | 0         |
| 25 | Componentes genéticos do desenvolvimento e maturação de frutos de <i>Coffea canephora</i> Pierre ex A. Froehner. <i>Coffee Science</i> , 2017, 12, 355.   | 0.5 | 9         |
| 26 | Mixed models for selection of <i>Jatropha</i> progenies with high adaptability and yield stability in Brazilian regions. <i>Genetics and Molecular Research</i> , 2016, 15, .                           | 0.2 | 1         |
| 27 | Adaptabilidade e estabilidade de progênies de meios-irmãos de pinhão-mansão em diferentes regiões do Brasil. <i>Revista Ceres</i> , 2016, 63, 174-182.  | 0.4 | 3         |
| 28 | Contribuição de caracteres agronômicos para a produtividade de grãos em pinhão-mansão. <i>Bragantia</i> , 2016, 75, 51-56.  | 1.3 | 4         |
| 29 | Número mínimo de medições para a avaliação acurada de características agronômicas de pinhão-mansão. <i>Pesquisa Agropecuária Brasileira</i> , 2016, 51, 112-119.  | 0.9 | 6         |
| 30 | Genetic gain in the productivity of processed coffee from the selection of clones of 'Conilon' coffee. <i>Revista Ciência Agronômica</i> , 2016, 47, 516-523.   | 0.3 | 20        |
| 31 | Selection of arabica coffee progenies tolerant to heat stress. <i>Ciencia Rural</i> , 2015, 45, 1228-1234.  | 0.5 | 2         |
| 32 | Estimates of genetic parameters with selection within and between half-sib families of <i>Jatropha curcas</i> L. <i>Industrial Crops and Products</i> , 2015, 69, 355-361.                              | 5.2 | 22        |
| 33 | Adaptabilidade e estabilidade da produção de café beneficiado em <i>Coffea canephora</i>. <i>Ciencia Rural</i> , 2015, 45, 1531-1537.   | 0.5 | 14        |
| 34 | Desempenho agronômico e ganho genético pela seleção de pinhão-mansão em três regiões do Brasil. <i>Pesquisa Agropecuária Brasileira</i> , 2014, 49, 356-363.  | 0.9 | 19        |
| 35 | Yield performance of half-sib families of physic nut ( <i>Jatropha curcas</i> L.). <i>Crop Breeding and Applied Biotechnology</i> , 2014, 14, 49-53.  | 0.4 | 8         |
| 36 | Capacidade produtiva e progresso genético de pinhão-mansão. <i>Ciencia Rural</i> , 2014, 44, 64-70.   | 0.5 | 6         |

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|----|--|-----|-----------|
| 37 | Babesia bovis infection in cattle in the southwestern Brazilian Amazon. Ticks and Tick-borne Diseases, 2013, 4, 78-82.   | 2.7 | 5         |
| 38 | Estimates of repeatability coefficients and selection gains in Jatropha indicate that higher cumulative genetic gains can be obtained by relaxing the degree of certainty in predicting the best families. Industrial Crops and Products, 2013, 51, 70-76. | 5.2 | 30        |
| 39 | Ecological features of titica vine (Heteropsis flexuosa (Kunth) GS Bunting) in Rondônia State, Northwest Brazilian Amazon. Anais Da Academia Brasileira De Ciencias, 2013, 85, 1117-1125.  | 0.8 | 4         |
| 40 | Reforestation feasibility in area formerly used for cattle raising in the state of Rondônia, Northwest Brazilian Amazon. Revista Arvore, 2013, 37, 1001-1010.  | 0.5 | 2         |
| 41 | The Importance of Jatropha for Brazil. , 2012, , 71-94.  |     | 5         |
| 42 | Estimate of genetic parameters and predicted gains with early selection of physic nut families. Ciencia E Agrotecnologia, 2012, 36, 163-170.   | 1.5 | 14        |
| 43 | Estimates of genetic parameters for physic nut traits based in the germplasm two years evaluation. Ciencia Rural, 2012, 42, 429-435.   | 0.5 | 32        |
| 44 | Eficiência da seleção para incremento do teor de óleo do pinhão-manso. Pesquisa Agropecuaria Brasileira, 2012, 47, 44-50.  | 0.9 | 17        |
| 45 | Aumento da produção de grãos de pinhão-manso pela aplicação de benziladenina. Pesquisa Agropecuaria Brasileira, 2012, 47, 1541-1545.   | 0.9 | 7         |
| 46 | Genetic Improvement of Jatropha for Biodiesel Production. Ceiba, 2012, 51, 1-10.   | 0.2 | 10        |
| 47 | Caracterização de fatores que afetam a germinação de teca (Tectona grandis): temperatura e escarificação. Revista Arvore, 2011, 35, 205-212.   | 0.5 | 7         |
| 48 | Evaluation of the Efficacy of Acaricides Used to Control the Cattle Tick, <i>Rhipicephalus microplus</i> , in Dairy Herds Raised in the Brazilian Southwestern Amazon. Veterinary Medicine International, 2011, 2011, 1-6.                                 | 1.5 | 29        |
| 49 | Detection and mapping of a lethal locus in a eucalyptus hybrid population. Pesquisa Agropecuaria Brasileira, 2011, 46, 1021-1028.  | 0.9 | 0         |
| 50 | Componentes primários e secundários do rendimento de óleo de pinhão-manso. Ciencia Rural, 2010, 40, 1752-1758.   | 0.5 | 31        |
| 51 | Anaplasma marginale infection in cattle from south-western Amazonia. Pesquisa Veterinaria Brasileira, 2010, 30, 249-254.   | 0.5 | 9         |
| 52 | Método para mapeamento de locos controladores de características oligogênicas. Ciencia Rural, 2010, 40, 302-308.   | 0.5 | 2         |
| 53 | Avaliação do método centrípeto para estudo de adaptabilidade ao ambiente de clones de <i>Eucalyptus grandis</i> . Ciencia Florestal, 2010, 15, 255-266.  | 0.3 | 50        |
| 54 | Predição de ganhos genéticos em progênies de polinização aberta de Eucalyptus urograndis cultivadas em diferentes ambientes e submetidas a diferentes procedimentos de seleção. Revista Arvore, 2009, 33, 255-263.   | 0.5 | 6         |

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|----|--|-----|-----------|
| 55 | Diversidade de fungos micorrízicos Epulorhiza spp. isolados de Epidendrum secundum (Orchidaceae). Revista Brasileira De Ciencia Do Solo, 2009, 33, 1187-1197.  | 1.3 | 18        |
| 56 | Análise dos coeficientes de endogamia e de parentesco para qualquer nível de ploidia usando o pacote estatístico R. Bragantia, 2009, 68, 849-855.  | 1.3 | 7         |
| 57 | Influência do substrato no crescimento de mudas de cupuaçu (Theobroma grandiflorum Schum.). Acta Scientiarum - Agronomy, 2009, 31, .   | 0.6 | 2         |
| 58 | Selection among and within and combined selection in oil palm families derived from Dura x Dura. Ciencia Rural, 2008, 38, 65-71.   | 0.5 | 5         |
| 59 | Formação de ectomicorizas por monocátricos e dicátricos de Pisolithus sp. e interações nutricionais em Eucalyptus grandis. Revista Brasileira De Ciencia Do Solo, 2007, 31, 917-929.   | 1.3 | 4         |
| 60 | Mapping of QTLs related with wood quality and developmental characteristics in hybrids (Eucalyptus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf  | 0.5 | 10        |
| 61 | Seleção de genitores de Eucalyptus grandis e de Eucalyptus urophylla para produção de híbridos interespecíficos utilizando REML/BLUP e informação de divergência genética. Revista Arvore, 2007, 31, 977-987.                      | 0.5 | 11        |
| 62 | Analysis of Genetic Diversity of Fusarium oxysporum f. sp. phaseoli Isolates, Pathogenic and Non-pathogenic to Common Bean (Phaseolus vulgaris L.). Journal of Phytopathology, 2006, 154, 545-549.                                 | 1.0 | 7         |
| 63 | Genetic diversity of Gram-negative, proteolytic, psychrotrophic bacteria isolated from refrigerated raw milk. International Journal of Food Microbiology, 2006, 111, 144-148.  | 4.7 | 61        |
| 64 | The first internal transcribed spacer (ITS-1) of Melipona species (Hymenoptera, Apidae, Meliponini): characterization and phylogenetic analysis. Insectes Sociaux, 2005, 52, 11-18.  | 1.2 | 29        |
| 65 | Characterization, regulation, and phylogenetic analyses of the Penicillium griseoroseum nitrate reductase gene and its use as selection marker for homologous transformation. Canadian Journal of Microbiology, 2004, 50, 891-900. | 1.7 | 16        |
| 66 | A priori choice of hybrid parents in plants. Genetics and Molecular Research, 2004, 3, 356-68.   | 0.2 | 19        |
| 67 | Beverage quality of Coffea canephora genotypes in the western Amazon, Brazil. Acta Scientiarum - Agronomy, 0, 43, e52095.  | 0.6 | 6         |
| 68 | Environmental stratification and performance of Coffea canephora clones grown in the Western Amazon. Coffee Science, 0, 16, 1-11.  | 0.5 | 0         |
| 69 | Snake venoms and purified toxins as biotechnological tools to control Ralstonia solanacearum. Pesquisa Agropecuaria Brasileira, 0, 55, .   | 0.9 | 1         |
| 70 | Beverage quality of most cultivated Coffea canephora clones in the Western Amazon. Coffee Science, 0, 15, 1-10.  | 0.5 | 7         |
| 71 | Resistance of new Coffea canephora clones to root-knot nematode (Meloidogyne incognita) in the western amazon. Coffee Science, 0, 15, 1-8.   | 0.5 | 0         |
| 72 | Yield of robusta coffee in different spatial arrangements. Pesquisa Agropecuaria Brasileira, 0, 56, .  | 0.9 | 2         |

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|----|--|-----|-----------|
| 73 | Factor analysis for plant and production variables in <i>Coffea canephora</i> in the Western Amazon. <i>Coffee Science</i> , 0, 17, 1-8. | 0.5 | 1         |