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| **PUBLICAÇÕES DO PROGRAMAE PÓS-GRADUAÇÃO EM CIÊNCIA DO SOLO EM 2017\***  **(por ordem alfabética do título do artigo)**  \*Atualizado em 28/01/2019 | | | | | |
| **ID** | **Título do artigo** | **Citação** | **JCR 2017** | **Qualis** | **Agradecimentos** |
| 1 | A new approach to sampling intact fe plaque reveals Si-induced changes in Fe mineral composition and shoot As in rice | AMARAL, D. C.; LOPES, G.; GUILHERME, L. R. G.; SEYFFERTH, A. L. A New Approach to Sampling Intact Fe Plaque Reveals Si-Induced Changes in Fe Mineral Composition and Shoot As in Rice. Environmental Science & Technology, v.51, n.1, p. 38-45, 2017.  DOI: 10.1021/acs.est.6b03558 | 6,653 | A1 | CNPq |
| 2 | A participação feminina nos cursos de agronomia no Brasil | OLIVEIRA, D. P.; CASTRO, P. P.; MACEDO, D. C. C.; CAMARGO, F. A. O.; MOREIRA, F. M. S. A participação feminina nos cursos de agronomia no Brasil. Boletim Informativo (Sociedade Brasileira De Ciência Do Solo), v. 43, p. 24-27, 2017. | --- | B5 | --- |
| 3 | A simple model to estimate Brunauer-Emmett-Teller-N2 specific surface area of contrasting soils in Brazil | ZINN, Y. L.; VILELA, E. F.; ARAUJO, M. A.; LAL, R. A Simple Model To Estimate Brunauer–Emmett–Teller-N2 Specific Surface Area of Contrasting Soils in Brazil. Soil Science Society Of America Journal, v. 81, p. 1340-1349, 2017.  DOI:10.2136/sssaj2017.07.0220 | 1,92 | A2 | CNPq,  CAPES,  FAPEMIG |
| 4 | Acid tolerant *Rhizobium* strains contribute to increasing the yield and profitability of common bean in tropical soils | OLIVEIRA, D. P.; FIGUEIREDO, M. A.; [BRUNO](http://lattes.cnpq.br/2317434306083909), L. S.; TEIXEIRA, O. H. S.; MARTINS, F. A. D.; [RUFINI, M.](http://lattes.cnpq.br/0183405541192870); CHAIN, C. P.; REIS, R. P.; MORAIS, A. R. DE; MOREIRA, F. M. S.; ANDRADE, M. J. B. DE.   Acid tolerant *Rhizobium* strains contribute to increasing the yield and profitability of common bean in tropical soils. Journal of Soil Science and Plant Nutrition, v. 17, n. 4, p. 922-933, 2017.  <https://dx.doi.org/10.4067/S0718-95162017000400007> | 2,116 | B1 | CNPq,  CAPES,  FAPEMIG,  MAPA |
| 5 | Adsorption and desorption of lead by low-crystallinity colloids of Antarctic soils | POGGERE, G. C.; MELO, V. F.; CURI, N.; SCHAEFER, C. E. G. R.; FRANCELINO, M. R. Adsorption and desorption of lead by low-crystallinity colloids of Antarctic soils. Applied Clay Science, v. 146, p. 371-379, 2017.  DOI: 10.1016/j.clay.2017.06.020 | 3,641 | B1 | CNPq,  CAPES,  FAPEMIG |
| 6 | Agronomic and environmental implications of using a by-product of the intermediate tanning processes as nitrogen fertilizer | OLIVEIRA-LONGATTI, S. M. DE; CANNATA, M. G.; FERRAZANI, J. C.; CARVALHO, T. S.; CIAVATTA, C.; GUILHERME, L. R. G. Agronomic and environmental implications of using a By-Product of the Intermediate Tanning Processes as Nitrogen Fertilizer. Scientia Agricola, v.74, n.3, p. 250-257, 2017.  http://dx.doi.org/10.1590/1678-992x-2016-0008. | 1,383 | A1 | CNPq,  CAPES,  FAPEMIG |
| 7 | Agronomic characteristics of lettuce grown with monoammonium phosphate in sandy soil | CHAGAS, W. F. T.; GUELFI, D. R.; EMRICH, E. B.; SILVEIRA, M. T. DE P.; CAPUTO, A. L. C.; ANDRADE, A. B.; FAQUIN, V.; SOARES, L. S. Agronomic Characteristics of Lettuce Grown with Monoammonium Phosphate in Sandy Soil, Communications In Soil Science And Plant Analysis, v. 48, n. 11, p. 1-8, 2017.  https://doi.org/10.1080/00103624.2017.1373793 | 0,54 | B2 | --- |
| 8 | Agronomic efficiency of *Rhizobium* strains from the Amazon region in common bean | NOGUEIRA, C. O. G.; OLIVEIRA, D. P.; FERREIRA, P. A. A.; PEREIRA, J. P. A. R.; VALE, H. M. M.; ANDRADE, M. J. B.; MOREIRA, F. M. S. Agronomic efficiency of *Rhizobium* strains from the Amazon region in common bean. Acta Amazonica, v. 47, p. 273-276, 2017.  http://dx.doi.org/10.1590/1809-4392201603422 | 0,837 | B1 | CNPq,  CAPES,  FAPEMIG,  MAPA |
| 9 | Ammonia and carbon dioxide emissions by conventional, stabilized and controlled release nitrogen fertilizers in corn crop | SOUZA, T. L.; GUELFI, D. R.; SILVA, A. L.; ANDRADE, A. B.; CHAGAS, W. F. T.; CANCELLIER, E. L. Ammonia and carbon dioxide emissions by stabilized conventional nitrogen fertilizers and controlled release in corn crop. Ciência e Agrotecnologia, v. 41, n. 5, p. 494-510, 2017.  http://dx.doi.org/10.1590/1413-70542017415003917 | 0,672 | A2 | CNPq,  FAPEMIG |
| 10 | Application rates of *Rhizobium* inoculant in the planting furrow in dry bean cv. Brs Estilo | OLIVEIRA, D. P.; SOARES, B. L.; MARTINS, F. A. D.; RUFINI, M.; PEREIRA, R. M.; FIGUEIREDO, M. A.; MOREIRA, F. M. S.; ANDRADE, M. J. B. Application Rates of *Rhizobium* Inoculant in the Planting Furrow in Dry Bean cv. Brs Estilo. Annual Report of the Bean Improvement Cooperative, v. 60, p. 121-122, 2017. | --- | B3 | CNPq,  CAPES,  FAPEMIG |
| 11 | Arbuscular mycorrhiza in *Coffea arabica* l.: review and meta-analysis | COGO, F. D.; GUIMARÃES, P. T. G.; ROJAS, E. P.; SAGGIN JUNIOR, O. J.; SIQUEIRA, J. O.; CARNEIRO, M. A. C. Arbuscular Mycorrhiza in *Coffea arabica* L.: Review and Meta-Analysis. Coffee Science, v. 12, n. 3, p. 419 - 443, 2017.  https://www.cabdirect.org/cabdirect/FullTextPDF/2018/20183382797.pdf | --- | B1 | CNPq,  FAPEMIG,  CBP&D/Café,  INCT/Café,  EMBRAPA CAFÉ |
| 12 | Arbuscular mycorrhizal fungal communities in an iron mining area and its surroundings: inoculum potential, density, and diversity of spores related to soil properties | TEIXEIRA, A. F. S.; KEMMELMEIER, K.; MARASCALCHI, M. N.; STÜRMER, S. L.; CARNEIRO, M. A. C.; MOREIRA, F. M. S. Arbuscular mycorrhizal fungal communities in an iron mining area and its surroundings: Inoculum potential, density, and diversity of spores related to soil properties. Ciência e Agrotecnologia, vol.41, n.5, p.511-525, 2017.  http://dx.doi.org/10.1590/1413-70542017415014617. | 0,672 | A2 | CNPq,  CAPES,  FAPEMIG,  VALE |
| 13 | Arbuscular mycorrhizal fungi and colonization stimulant in cotton and maize | SALGADO, F. H. M.; MOREIRA, F. M. S.; SIQUEIRA, J.O.; BARBOSA, R. H.; PAULINO, H. B.; CARNEIRO, M. A. C. Arbuscular mycorrhizal fungi and colonization stimulant in Cotton and Maize. Ciência Rural, v. 47, n. 6, p. 1-8, 2017.  http://dx.doi.org/10.1590/0103-8478cr20151535 | 0,525 | B1 | CNPq,  CAPES,  FAPEMIG |
| 14 | As mulheres na ciência do solo | MOREIRA, F. M. S. As Mulheres na Ciência do Solo. Boletim Informativo (Sociedade Brasileira De Ciência Do Solo), v. 43, p. 8-9, 2017. | --- | B5 | --- |
| 15 | Assessment of geostatistical features for object-based image classification of contrasted landscape vegetation cover | OLVEIRA SILVEIRA, E. M.; MENEZES, M. D.; JUNIOR, F. W. A.; TERRA, M. C. N. S.; MELLO, J. M. Assessment of geostatistical features for object-based image classification of contrasted landscape vegetation cover. Journal of Applied Remote Sensing, v. 11, n. 3, p. 036004-0 - 036004-15, 2017.  <https://doi.org/10.1117/1.JRS.11.036004> | 0,976 | B2 | --- |
| 16 | Assessment of risk to human health from simultaneous exposure to multiple contaminants in an artisanal gold mine in Serra Pelada, Pará, Brazil | DE SOUZA, E.S.; TEXEIRA, R. A.; DA COSTA, H. S. C.; OLIVEIRA, F. J.; MELO, L. C. A.; FAIAL, K. C. F.; FERNANDES, A. R. Assessment of risk to human health from simultaneous exposure to multiple contaminants in an artisanal gold mine in Serra Pelada, Pará, Brazil. Science of The Total Environment, v. 576, p. 683-695, 2017.  https://doi.org/10.1016/j.scitotenv.2016.10.133 | 4,61 | A1 | CNPq |
| 17 | Availability and zinc accumulation in forage grasses grown in contaminated soil | NARDIS, B. O.; SILVA, E. B.; GRAZZIOTTI, P. H.; ALLEONI, L. R. F.; MELO, L. C. A.; FARNEZI, M. M. M. Availability and zinc accumulation in forage grasses grown in contaminated soil, International Journal of Phytoremediation, v. 20:3, p. 205-213, 2018.  <http://doi.org/10.1080/15226514.2017.1365347> | 1,886 | A2 | CAPES,  ESALQ,  UFVJM |
| **18** | Assessment of the occurrence and richness of arbuscular mycorrhizal fungal spores by direct analysis of field samples and trap culture - a comparative study. | LEAL, P. L.; CARVALHO, T. S.; SIQUEIRA, J. O.; MOREIRA, F. M. S. Assessment of the occurrence and richness of arbuscular mycorrhizal fungal spores by direct analysis of field samples and trap culture - a comparative study. Anais da Academia Brasileira de Ciências, v. 90, n. 2, p. 2359-2373, 2018.  http://dx.doi.org/10.1590/0001-3765201720170120 | 0,956 | A2 | CNPq e CAPES  \* Aceito em 2017 e publicado em 2018 |
| 19 | *Bradyrhizobium brasilense* sp. Nov., a symbiotic nitrogen-fixing bacterium isolated from brazilian tropical soils | COSTA, E. M. da; GUIMARÃES, A. A.; VINCENTIN, R. P.; RIBEIRO, P. R. A.; LEÃO, A. C. R.; BALSANELLI, E.; LEBBE, L.; AERTS, M.; WILLEMS, A. *Bradyrhizobium brasilense* sp. Nov., a symbiotic nitrogen-fixing bacterium isolated from brazilian tropical soils. Archives of Microbiology, v. 199, p. 1211-1221, 2017.  <https://doi.org/10.1007/s00203-017-1390-1> | 1,607 | B1 | CAPES,  CNPq,  FAPEMIG |
| 20 | *Bukholderia* strains promote mimosa spp. growth but not *macroptilium* *atropurpureum* | ARAUJO, K. S.; CARVALHO, F. de; MOREIRA, F. M. S. *Bukholderia* strains promote *Mimosa* spp. growth but not *Macroptilium atropurpureum*. Revista Ciência Agronômica, vol.48, n.1, p. 41-48, 2017.  <https://dx.doi.org/10.5935/1806-6690.20170005> | 0,605 | B1 | CAPES,  CNPq |
| 21 | Bulk density prediction for histosols and soil horizons with high organic matter content | BEUTLER, S. J.; PEREIRA, M. G.; TASSINARI, W. S.; MENEZES, M. D. de; VALLADARES, G. S.; ANJOS, L. H. C. dos. Bulk Density Prediction for Histosols and Soil Horizons with High Organic Matter Content. Revista Brasileira de Ciência do Solo, 41, e0160158. Epub March 27, 2017.  <https://dx.doi.org/10.1590/18069657rbcs20160158> | 0,799 | A2 | CAPES,  CNPq,  FAPERJ |
| 22 | Cemented horizons and hardpans in the coastal tablelands of northeastern Brazil | GOMES, J. B. V.; ARAÚJO FILHO, J. C.; VIDAL-TORRADO, P.; COOPER, M.; SILVA, E. A. da; CURI, N. Cemented Horizons and Hardpans in the Coastal Tablelands of Northeastern Brazil. Revista Brasileira de Ciência do Solo, 41, e0150453. Epub February 06, 2017.  <https://dx.doi.org/10.1590/18069657rbcs20150453> | 0,799 | A2 | CNPq |
| 23 | Characterization of biochars from different sources and evaluation of release of nutrients and contaminants | FIGUEREDO, N. A. de; COSTA, L. M. da; MELO, L. C. A.; SIEBENEICHLERD, E. A.; TRONTO, J. Characterization of biochars from different sources and evaluation of release of nutrients and contaminants. Revista Ciência Agronômica, v. 48, n. 3, p. 395-403, 2017.  <https://dx.doi.org/10.5935/1806-6690.20170046> | 0,605 | B1 | CNPq |
| 24 | Commercial and organic wastes-based growing media for seedlings growth | PECHE, P. M.; BOTELHO, L. P.; CARMO, D. L.; BALBI, R. V.; SOUZA, F. B. M.; SILVA, C. A.; PIO, R. Commercial and organic wastes-based growing media for Physalis seedlings growth. Acta Horticulturae. 1168, p. 213-220, 2017.  <https://doi.org/10.17660/ActaHortic.2017.1168.28> | - | B4 | CNPq |
| 25 | Compatibility and incompatibility in hyphal anastomosis of arbuscular mycorrhizal fungi | NOVAIS, C. B. de; PEPE, A.; SIQUEIRA, J. O.; GIOVANNETTI, M.; SBRANA, C. Compatibility and incompatibility in hyphal anastomosis of arbuscular mycorrhizal fungi. Scientia Agricola, v. 74(5), p. 411-416, 2017.  <https://dx.doi.org/10.1590/1678-992x-2016-0243> | 1,383 | A1 | CAPES |
| 26 | Co-pyrolysis of poultry litter and phosphate and magnesium generates alternative slow release fertilizer suitable for tropical soils | [LUSTOSA FILHO](https://pubs.acs.org/author/Lustosa+Filho%2C+Jos%C3%A9+F), JOSÉ F.; [PENIDO](https://pubs.acs.org/author/Penido%2C+Evanise+S), E. S.; [CASTRO](https://pubs.acs.org/author/Castro%2C+Patr%C3%ADcia+P), P. P.; [SILVA](https://pubs.acs.org/author/Silva%2C+Carlos+A), C. A.; [MELO](https://pubs.acs.org/author/Melo%2C+Le%C3%B4nidas+C+A), L. C. A. Co-Pyrolysis of Poultry Litter and Phosphate and Magnesium Generates Alternative Slow-Release Fertilizer Suitable for Tropical Soils. ACS Sustainable Chemistry & Engineering, v. 5, n. 10, p. 9043-9052, 2017.  DOI: 10.1021/acssuschemeng.7b01935 | 6,14 | A1 | FAPEMIG,  CAPES,  CNPq |
| 27 | Diversity and efficiency of rhizobia communities from iron mining areas using cowpea as a trap plant | CASTRO, J. L. de; SOUZA, M. G.; RUFINI, M.; GUIMARÃES, A. A.; RODRIGUES, T. L.; MOREIRA, F. M. S. Diversity and Efficiency of Rhizobia Communities from Iron Mining Areas Using Cowpea as a Trap Plant. Revista Brasileira de Ciência do Solo, 41, e0160525. Epub August 24, 2017.  <https://dx.doi.org/10.1590/18069657rbcs20160525> | 0,799 | A2 | FAPEMIG,  CNPq,  CAPES |
| 28 | Dry bean cultivar IAC alvorada under different rates of rhizobium inoculant in the planting furrow | OLIVEIRA, D. P.; SOARES, B. L.; MARTINS, F. A. D.; RUFINI, M.; FRANCESCHINI, L. A.; RESENDE, E. A. M.; MOREIRA, F. M.S.; ANDRADE, M. J. B. Dry bean cultivar iac alvorada under different rates of rhizobium inoculant in the planting furrow. Annual Report Of The Bean Improvement Cooperative, no. 60, p. 119-120, March 2017. Published by USDA.  <http://digitalcommons.unl.edu/usdaarsfacpub/1709> | - | B3 | FAPEMIG,  CNPq,  CAPES |
| 29 | Effect of deprivation of selected single nutrients on biometric parameters of cedar seedlings (*Acrocarpus fraxinifolius*) grown in nutritive solution nutrient accumulation in bean and soybean plants. | MUNGUAMBE, J. F.; VENTURIN, N.; SILVA, M. L. S.; CARLOS, L.; DA SILVA, D. S. N; FARIAS, E. de S.; MELO, L. A. de; MACEDO, R. L. G.; COME, M. J. Effect of deprivation of selected single nutrients on biometric parameters of cedar seedlings (*Acrocarpus fraxinifolius*) grown in nutritive solution. African Journal of Agricultural Research, v. 12, n. 39, p. 2886-2894, 2017.  <https://doi.org/10.5897/AJAR2017.12384> | - | B2 | --- |
| 30 | Effect of liming on micronutrient availability to soybean grown in soil under different lengths of time under no tillage | MOREIRA, S. G.; PROCHNOW, L. I.; PAULETTI, V.; SILVA, B. M.; KIEHL, J. de C.; SILVA, C. G. M. Effect of liming on micronutrient availability to soybean grown in soil under different lengths of time under no tillage. Acta Scientiarum. Agronomy, v. 39, n. 1, p. 89-97, 2017.  <https://dx.doi.org/10.4025/actasciagron.v39i1.30691> | 0,692 | A2 | --- |
| 31 | Elementos-traço em águas, sedimentos e solos da Bacia do Rio das Mortes, Minas Gerais | ZULIANI, D. Q.; ABREU, L. B.; CURI, N.; CARVALHO, G. S.; COSTA, A. M.; MARQUES, J. J. Elementos-traço em águas, sedimentos e solos da Bacia do Rio das Mortes, Minas Gerais. HOLOS, v. 4, p. 308-326, 2017.  DOI: 10.15628/holos.2017.5451 | - | B5 | FAPEMIG,  FEAM |
| 32 | Estabilidade de agregados em solo cultivado com capim-tifton 85 sob irrigação e formas de suprimento de nitrogênio | MELO, M. L. A. de; BATISTA, A. M.; ARAÚJO, G. S. S.; SILVA; B. M.; VIANA, M. C. M. Estabilidade de agregados em solo cultivado com capim-tifton 85 sob irrigação e formas de suprimento de nitrogênio. Enciclopédia Biosfera, Centro Científico Conhecer - Goiânia, v.14, n.25, p. 530-546, 2017.  http://www.conhecer.org.br/enciclop/2017a/agrar/estabilidade%20de%20agregados.pdf | - | B5 | UFSJ,  EPAMIG,  CNPq |
| 33 | Estrutura de solos em manejo conservacionista: diagnóstico visual, laboratorial, caracterização e inter-relações | SILVA, É. A.; CARDUCCI, C. E.; OLIVEIRA, G. C.; SILVA, B. M.; SERAFIM, M. E. Estrutura de solos em manejo conservacionista: diagnóstico visual, laboratorial, caracterização e inter-relações. Scientia Agraria, v. 18, n. 3, p. 61-73, 2017.  DOI: <http://dx.doi.org/10.5380/rsa.v18i3.51646> | - | B2 | CNPq,  FAPEMIG |
| 34 | Fixação biológica de nitrogênio em feijoeiro: potencial ou realidade? | OLIVEIRA, D. P.; RUFINI, M.; SOARES, B. L.; MARTINS, F. A. D.; ANDRADE, M. J. B. de; MOREIRA, F. M. S. Fixação biológica de nitrogênio em feijoeiro: potencial ou realidade? Informe agropecuário IA 298 - Inovações tecnológicas para a produção de feijão. v.38 n.298, 100p, 2017. | - | B5 | CAPES,  CNPq,  FAPEMIG |
| 35 | Formononetin stimulates mycorrhizal fungi colonization on the surface of active root nodules in soybean. | DA SILVA, J. S.; DE CARVALHO, T. S.; DOS SANTOS, J. V.; RIBEIRO, P. R. A.;MOREIRA, F. M. S. Formononetin stimulates mycorrhizal fungi colonization on the surface of active root nodules in soybean. Symbiosis, v. 71, n. 1, p. 27-34, 2017.  DOI: 10.1007/s13199-016-0408-9 | 1,713 | B2 | CNPq,  MCT,  CAPES. |
| 36 | Growth and biochemical responses on corn plants cultivated in soils contaminated with cadmium and zinc. | ALMEIDA, L. G.; JORGE, A. de P.; DA SILVA, E. M.; MAGALHÃES, P. C.; SANTOS, H. R. B.; DE FARIAS, M. E.; GUILHERME, L. R. G. Growth and biochemical responses on corn plants cultivated in soils contaminated with cadmium and zinc. Revista Brasileira de Milho e Sorgo, v. 16, n. 2, p. 193-203, 2017.  DOI: http://dx.doi.org/10.18512/1980-6477/rbms.v16n2p193-203 | - | B2 | --- |
| 37 | Growth of common bean affected by soil contaminated with chromium VI. | REIS, R. H. C. L.; MARTINS, G. C.; EFRAT, R.; ENGELHARDT, M. M.; LIMA, F. R. D.; POZZA, A. A. A.; MARQUES, J. J. Growth of common bean affected by soil contaminated with chromium VI. Annual Report of the Bean Improvement Cooperative, v. 60, p. 71-72, 2017.  http://digitalcommons.unl.edu/usdaarsfacpub/1702 | - | B3 | FAPEMIG |
| 38 | Hybrid kriging methods for interpolating sparse river bathymetry point data. | BATISTA, P. V. G.; SILVA, M. L. N.; AVALOS, F. A. P.; OLIVEIRA, M. S. D.; MENEZES, M. D. D.; CURI, N. Hybrid kriging methods for interpolating sparse river bathymetry point data. Ciência e Agrotecnologia, v. 41, n. 4, p. 402-412, 2017.  http://dx.doi.org/10.1590/1413-70542017414008617 | 0,672 | A2 | CAPES,  CNPq,  FAPEMIG |
| 39 | Impact of interaction P and Zn on biofortification of bean. | MORAIS, E. G.; LIMA, F. R. D.; VAZ, G. H. B.; VILELA, E. F.; FERRAZ, R. M.; SILVA, M. L. S.; FAQUIN, V. Impact of interaction P and Zn on biofortification of bean. Annual Report of the Bean Improvement Cooperative, v. 60, p. 165-166, 2017.  http://digitalcommons.unl.edu/cgi/viewcontent.cgi?article=2745&context=usdaarsfacpub | - | B3 | --- |
| 40 | Impacts of land-use and management systems on organic carbon and water-physical properties of a Latossolo Amarelo (Oxisol). | SILVA, R. F.; SANTOS, G. G.; NOBREGA, J. C. A.; OLIVEIRA, G. C.; DIAS, B. O.; SANTOS, D. P.; SILVA JUNIOR, J. P. Impacts of land-use and management systems on organic carbon and water-physical properties of a Latossolo Amarelo (Oxisol). Semina: Ciências Agrárias, v. 38, n. 1, p. 109-124, 2017.  DOI: 10.5433/1679-0359.2017v38n1p109 | 0,349 | B1 | PROCAD,  CAPES,  CNPq |
| 41 | Influence of nutrient management on growth and nutrient use efficiency of two plant species for mineland revegetation. | CARVALHO, J. M.; RAMOS, S. J.; FURTINI NETO, A. E.; GASTAUER, M.; CALDEIRA Jr, C. F.; SIQUEIRA, J. O.; SILVA, M. L. Influence of nutrient management on growth and nutrient use efficiency of two plant species for mineland revegetation. Restoration Ecology, v. 26, n. 2, p. 303-310, 2018.  https://doi.org/10.1111/rec.12572 | 2,544 | B1 | CNPq |
| 42 | Inﬂuence of the Edge Effect on a Soil Seed Bank of a Natural Fragment in the Atlantic Forest. | MACHADO, F. S.; DE FRANÇA, A. C. M.; DOS SANTOS, R. M.; BORÉM, R. A. T.; GUILHERME, L. R. G. Inﬂuence of the Edge Effect on a Soil Seed Bank of a Natural Fragment in the Atlantic Forest. Iheringia Série Botânica, v. 72, n. 2, p. 247-253, 2017.  DOI: 10.21826/2446-8231201772211 | 0,19 | B1 | FAPEMIG,  IEF/MG |
| 43 | Influência do nitrogênio e enxofre na produção do feijoeiro. | Silva, M. L. D. S.; Silva, M. A. D.; Trevizam, A. R. Influência do nitrogênio e enxofre na produção do feijoeiro. Revista Agrogeoambiental, v. 9, n. 3, p. 11-22, 2017.  Doi: http://dx.doi.org/10.18406/2316-1817v9n32017899 | - | B5 | PIBIC-CNPq |
| 44 | Interaction between potassium (K) and calcium (Ca) on the severity of Yellow Sigatoka in banana plants. | DE FREITAS, A. S.; POZZA, E. A. E.; POZZA, A. E. A. A.; SOARES, M. G. D. O.; SILVA, H. R.; PÉREZ, C. D. P. Interaction between potassium (K) and calcium (Ca) on the severity of Yellow Sigatoka in banana plants. African Journal of Agricultural Research, v. 12, n. 16, p. 1353-1361, 2017.  DOI: 10.5897/AJAR2017.12279 | 0,263 | B2 | CNPq,  FAPEMIG |
| 45 | Iodine biofortification of wheat, rice and maize through fertilizer strategy. | CAKMAK, I.; PROM-U-THAI, C.; GUILHERME, L. R. G.; RASHID, A.; HORA, K. H.; YAZICI, A.; SAVASLI, E.; KALAYCI, M.; TUTUS, Y.; PHUPHONG, P.; RIZWAN, M.; MARTINS, F. A. D. Iodine biofortification of wheat, rice and maize through fertilizer strategy. Plant and Soil, v. 418, n. 1-2, p. 319-335, 2017.  DOI: 10.1007/s11104-017-3295-9 | 3,306 | A1 | SQM, Nestlé, IFA, Projeto HarvestZinc - apoiado pelo Programa HarvestPlus, SQM, ADOB, Bayer Cropscience, Mosaic Company, K + S Kali, IFA, Valagro, Fertilizantes ICL, Nutrição ATP, IZA, Aglukon e IPNI. |
| 46 | Irrigação por gotejamento e manejo do fósforo no progresso da ferrugem do cafeeiro. | BARBOSA JUNIOR, M. P.; POZZA, E. A.; SOUZA, P. E. D.; OLIVEIRA E SILVA, M. D. L.; POZZA, A. A. A.; GUIMARÃES, R. J. Irrigação por gotejamento e manejo do fósforo no progresso da ferrugem do cafeeiro. Coffee Science, v. 12, n. 2, p. 187-196, 2017.  http://www.sbicafe.ufv.br:80/handle/123456789/8642 | 0,25 | B1 | --- |
| 47 | Land-use effect on hydropedology in a mountainous region of Southeastern Brazil. | PINTO, L. C.; MELLO, C. R. D.; NORTON, L. D.; SILVA, S. H. G.; TAVEIRA, L. R. S.; CURI, N. Land-use effect on hydropedology in a mountainous region of Southeastern Brazil. Ciência e Agrotecnologia, v. 41, n. 4, p. 413-427, 2017.  <http://dx.doi.org/10.1590/1413-70542017414002017> | 0,672 | A2 | FAPEMIG,  CNPq,  CAPES |
| 48 | Leguminosae native nodulating bacteria from a gold mine As-contaminated soil: Multi-resistance to trace elements, and possible role in plant growth and mineral nutrition. | RANGEL, W. D. M.; DE OLIVEIRA LONGATTI, S. M.; FERREIRA, P. A.; BONALDI, D. S.; GUIMARÃES, A. A.; THIJS, S.; WEYENS, N.; VANGRONSVELD, J.; MOREIRA, F. M. S. Leguminosae native nodulating bacteria from a gold mine As-contaminated soil: Multi-resistance to trace elements, and possible role in plant growth and mineral nutrition. International Journal of Phytoremediation, v. 19, n. 10, p. 925-936, 2017.  https://doi.org/10.1080/15226514.2017.1303812 | 1,886 | A2 | CNPq,  CAPES,  FAPEMIG,  Hasselt University Methusalem,  RECUPERAMINA |
| 49 | Lima bean nodulates efficiently with Bradyrhizobium strains isolated from diverse legume species. | DA COSTA, E. M.; DE ALMEIDA RIBEIRO, P. R.; DE LIMA, W.; FARIAS, T. P.; DE SOUZA MOREIRA, F. M. Lima bean nodulates efficiently with Bradyrhizobium strains isolated from diverse legume species. Symbiosis, v. 73, n. 2, p. 125-133, 2017.  DOI: 10.1007/s13199-017-0473-8 | 1,713 | B2 | CAPES,  CNPq,  IFMA |
| 50 | Lime and phosphate application as mycorrhizae stimulation to enhance growth and yield of Marandu grass. | SANTIAGO, F. E. M.; NÓBREGA, J. C. A.; SANTIAGO, F. L. de A.; EDVAN, R. L.; NÓBREGA, R. S. A.; DE SOUZA MOREIRA, F. M. Lime and phosphate application as mycorrhizae stimulation to enhance growth and yield of Marandu grass. Semina: Ciências Agrárias, v. 38, n. 4, p. 2323-2336, 2017.  DOI: 10.5433/1679-0359.2017v38n4Supl1p2323 | 0,349 | B1 | CNPq,  CAPES |
| 51 | Margem de lucro proporcionada pela aplicação de um fertilizante NPK em diferentes níveis em cafeeiros irrigados. | OLIVEIRA, D. H. D.; GUIMARÃES, R. J.; CASTRO JUNIOR, L. G. D.; SILVA, D. R. G.; VILLELA, G. M.; ANDRADE, F. T. Margem de lucro proporcionada pela aplicação de um fertilizante NPK em diferentes níveis em cafeeiros irrigados. Coffee Science, v. 11, n. 4, p. 467-474, 2016  http://www.sbicafe.ufv.br:80/handle/123456789/8242 | 0,25 | B1 | CNPq,  CBP&D/CAFÉ |
| 52 | Marigold (*Tagetes erecta*): The potential value in the phytoremediation of chromium. | COELHO, L. C.; BASTOS, A. R. R.; PINHO, P. J.; SOUZA, G. A.; CARVALHO, J. G.; COELHO, V. A. T.; OLIVEIRA, L. C. A.; DOMINGUES, R. R.; FAQUIN, V. Marigold (*Tagetes erecta*): The potential value in the phytoremediation of chromium. Pedosphere, v. 27, n. 3, p. 559-568, 2017.  DOI:10.1016/S1002-0160(17)60351-5 | 2,43 | B1 | CAPES,  FAPEMIG,  CNPq |
| 53 | Medical geology in the framework of the sustainable development goals | BUNDSCHUH; J.; MAITY, J. P.; MUSHTAQ, S.; VITHANAGE, M.; SENEWEERA, S.; SCHNEIDER, J.; BHATTACHARYA, P.; KHAN, N. I.; HAMAWAND, I.; GUILHERME, L.R.G.; REARDON-SMITH, K.; PARVEZ, F.; MORALES-SIMFORS, N.; GHAZE, S.; PUDMENZKY, C.; KOUADIO, L.; CHEN, C. Y. Medical geology in the framework of the sustainable development goals. Science of the Total Environment, v. 581–582, p. 87-104, 2017.  doi.org/10.1016/j.scitotenv.2016.11.208 | 4,61 | A1 | MCT |
| 54 | Mercury phytotoxicity in common beans in soils of Minas Gerais, Brazil | LIMA, F.R.D.; MARTINS, G.C.; ENGELHARDT, M.M.; REIS, R.H.C.L.; CÂNDIDO, G.S.; PEREIRA P.; ALACOQUE, J.G.; MARQUES, J.J. Mercury phytotoxicity in common beans in soils of Minas Gerais, Brazil. Annual Reports Of The Bean Improvement Cooperative, 60, 2017.  http://digitalcommons.unl.edu/cgi/viewcontent.cgi?article=2732&context=usdaarsfacpub | - | B3 | CAPES,  CNPq,  FAPEMIG |
| 55 | Microbial carbon, mineral-N and soil nutrients in indigenous agroforestry systems and other land use in the upper Solimões Region, Western Amazonas State, Brazil | VILLANI, F. A.; RIBEIRO, G. A. A.; VILLANI, E. M. A.; TEIXEIRA, W. G.; MOREIRA, F. M. S.; MILLER, R. J.; ALFAIA, S. S. Microbial Carbon, Mineral-N and Soil Nutrients in Indigenous Agroforestry Systems and Other Land Use in the upper Solimões Region, Western Amazonas State, Brazil. Agricultural Sciences, v. 8, p. 657-674, 2017.  DOI: 10.4236/as.2017.87050 | - | B3 | GEF |
| 56 | Mining contribution to municipalities development | MOTA, J. A.; NAZÁRIO, J. E. C.; SANTOS, J. F. dos; SIQUEIRA, J. O.; MOREIRA, P. C. H. Mining Contribution to Municipalities Development. Journal of Environmental Science and Engineering B, v. 6, p. 436-442, 2017.  doi:10.17265/2162-5263/2017.08.005 | - | B5 | --- |
| 57 | Modelling spatially distributed soil losses and sediment yield in the Upper Grande River basin - Brazil | BATISTA P.V.G.; SILVA M.L.N.; SILVA B.P.C.; CURI N.; BUENO I.T.; ACÉRBI JÚNIOR F.W.; DAVIES J.; QUINTON, J. N. Modelling spatially distributed soil losses and sediment yield in the Upper Grande River basin, Brazil. Catena, v. 157, p. 139–150, 2017.  <https://doi.org/10.1016/j.catena.2017.05.025> | 3,256 | A2 | CAPES,  CNPq,  FAPEMIG |
| 58 | Mulheres na Pós-Graduação em Ciência do Solo no Brasil | OLIVEIRA, C.; MARTINS, P. C.; MOREIRA, F. M. S.. Mulheres na Pós-Graduação em Ciência do Solo no Brasil. Boletim Informativo (Sociedade Brasileira de Ciência do Solo), v. 43, p. 28-31, 2017.  <http://www.sbcs.org.br/wp-content/uploads/2017/05/boletim-2017-todo-para-web.pdf> | - | B5 | --- |
| 59 | Multiple linear regression and random forest to predict and map soil properties using data from portable X-ray fluorescence spectrometer (pXRF) | SILVA, S. H. G., TEIXEIRA, A. F. S., MENEZES, M. D., GUILHERME, L. R. G., MOREIRA, F. M. S., CURI, N. Multiple linear regression and random forest to predict and map soil properties using data from portable X-ray fluorescence spectrometer (pXRF). Ciência e Agrotecnologia, v. 41(6), p. 648-664, 2017.  <https://dx.doi.org/10.1590/1413-70542017416010317> | 0,672 | A2 | CAPES,  CNPq,  FAPEMIG |
| 60 | Natural variation of selenium in Brazil nuts and soils from the Amazon region | SILVA JUNIOR, E. C.; WADT, L. H. O.; SILVA, K. E.; LIMA, R. M. B.; BATISTA, K. D.; GUEDES, M. C.; CARVALHO, G. S.; CARVALHO, T. S.; REIS, A. R.; LOPES, G.; GUILHERME, L. R. G. Natural variation of selenium in Brazil nuts and soils from the Amazon region. Chemosphere, v.188, p. 650-658, 2017.  DOI: [10.1016/j.chemosphere.2017.08.158](https://doi.org/10.1016/j.chemosphere.2017.08.158) | 4,427 | A1 | CAPES,  CNPq,  FAPEMIG |
| 61 | Nickel application rates on dry bean cultivars IAC Formoso and BRS Notável | SOUZA, Z. R.; BAMBERG, S. M.; OLIVEIRA, D. P.; RODAK, B. W.; FREITAS, D. S.; LUSTOSA FILHO, J. F.; CARNEIRO, M. A. C.; MORAIS, A. R.; MOREIRA, F. M. S.; ANDRADE, M. J. B. Nickel application rates on dry bean cultivars IAC Formoso and BRS Notável. Annual Report of the Bean Improvement Cooperative, N. 60, p. 75-76, 2017.  https://www.ncbi.nlm.nih.gov/pubmed/28923728 | - | B3 | --- |
| 62 | Nitrogênio e potássio na intensidade da mancha aureolada do cafeeiro em solução nutritiva | PÉREZ, C. D. P.; POZZA, E. A.; POZZA, A. A. A.; FREITAS, A. S.; SILVA, M. G. da. Nitrogênio e potássio na intensidade da mancha aureolada do cafeeiro em solução nutritiva Coffee Science, v. 12, p. 60 – 68, 2017.  http://www.sbicafe.ufv.br:80/handle/123456789/8261 | - | B1 | CAPES,  CNPq,  FAPEMIG |
| 63 | Nutrient availability and organic matter content under different soil use and management | LUSTOSA FILHO, J. F.; AZEVEDO NÓBREGA, J. C.; FURTINI NETO, A. E.; SILVA, C. A.; NÓBREGA, R. S. A.; PRAGANA, R. B; OLIVEIRA DIAS, B.; GMACH, M. R. Nutrient availability and organic matter content under different soil use and management. Revista Brasileira de Ciências Agrárias, v. 12, p. 475-483, 2017.  DOI:10.5039/agraria.v12i4a5481 | - | B1 | PROCAD,  CAPES,  CNPq |
| 64 | O papel da mulher na pesquisa brasileira em Ciência do Solo | MOREIRA, F. M. S.; OLIVEIRA-LONGATTI, S. M.; RUFINI, M.; GUIMARÃES, A. A. O papel da mulher na pesquisa brasileira em Ciência do Solo. Boletim Informativo (Sociedade Brasileira de Ciência do Solo), v. 43, p. 32-35, 2017.  http://www.sbcs.org.br/wp-content/uploads/2017/05/boletim-2017-todo-para-web.pdf | - | B5 | --- |
| 65 | Occurrence of arbuscular mycorrhizal fungi on King George Island, South Shetland Islands, Antarctica | BARBOSA, M. V.; PEREIRA, E. A.,; SIQUEIRA, J. C.; CARNEIRO, M. A. C. Occurrence of arbuscular mycorrhizal fungi on King George Island, South Shetland Islands, Antarctica. Anais da Academia Brasileira de Ciências, v. 89(3), p. 1737-1743, 2017.  https://dx.doi.org/10.1590/0001-3765201720170119 | 0,956 | A2 | CAPES,  CNPq,  FAPEMIG |
| 66 | Phosphorus transfer at a small catchment in southeastern Brazil: distributed modelling in different land use scenarios | BISPO, D. F. A.; SILVA, M. L. N.; MARQUES, J. J. G. de S. M.; BECHMANN, M.; BATISTA, P. V. G.; CURI, N. Phosphorus transfer at a small catchment in southeastern Brazil: distributed modelling in different land use scenarios. Ciência e Agrotecnologia, v. 41(5), p. 565-579, 2017.  http://dx.doi.org/10.1590/1413-70542017415012217 | 0,672 | A2 | CAPES,  CNPq,  FAPEMIG |
| 67 | Portable X-ray fluorescence (pXRF) applications in tropical Soil Science | RIBEIRO, B. T.; SILVA, S. H. G.; SILVA, E. A.; GUILHERME, L. R. G. Portable X-ray fluorescence (pXRF) applications in tropical Soil Science. Ciência e Agrotecnologia, v. 41(3), p. 245-254, 2017.  http://dx.doi.org/10.1590/1413-70542017413000117 | 0,672 | A2 | CAPES,  CNPq,  FAPEMIG |
| 68 | Potássio e sódio na composição mineral e crescimento em plantas de *Zingiber spectabile* | COELHO, V. A. T.; DIAS, G. M. G.; FERREIRA, M. M.; RODAS, C. L.; SILVA, M. L. S.; PASQUAL, M. Potássio e sódio na composição mineral e crescimento em plantas de *Zingiber spectabile*. Revista Brasileira de Ciências Agrarias, v.12, n.1, p.35-40, 2017.  DOI:10.5039/agraria.v12i1a5417 | - | B1 | --- |
| 69 | Potential of different AM fungi (native from As-contaminated and uncontaminated soils) for supporting *Leucaena leucocephala* growth in As-contaminated soil | SCHNEIDER, J.; BUNDSCHUH, J.; RANGEL, W. M.; GUILHERME, L. R. G. Potential of different AM fungi (native from As-contaminated and uncontaminated soils) for supporting *Leucaena leucocephala* growth in As-contaminated soil. Environmental Pollution, v. 224, p. 125-135, 2017.  doi.org/10.1016/j.envpol.2017.01.071 | 4,358 | A1 | CNPq,  CAPES,  FAPEMIG |
| 70 | Properties of biochar derived from wood and high-nutrient biomasses with the aim of agronomic and environmental benefits | DOMINGUES, R. R.; TRUGILHO, P. F.; SILVA, C. A.; DE MELO, I. C. N. A.; MELO, L. C. A.; MAGRIOTIS, Z. M.; SÁNCHEZ-MONEDERO, M. A. Properties of biochar derived from wood and high-nutrient biomasses with the aim of agronomic and environmental benefits. Plos One, v. 12, n. 5, 2017.  doi.org/10.1371/journal.pone.0176884 | 2,766 | A1 | CNPq,  CAPES |
| 71 | Proposta para a determinação de cavernas de dimensões notáveis em cavernas ferríferas | BASTISTA, N. G.; CALUX, A. S.; DE PAULA, A. Q.; BRANDI, I. V.; MAURITY, C. W.; SIQUEIRA; J. O.; JAFFÉ, R. Proposta para a determinação de cavernas de dimensões notáveis em cavernas ferríferas. Revista Brasileira de Espeleologia – RBEsp, v. 2, n. 8, p. 15-25, 2017.  www.icmbio.gov.br/revistaeletronica/index.php/RBEsp/article/view/706 | - | B5 | CNPq |
| 72 | Protecting a managed bee pollinator against climate change: strategies for an area with extreme climatic conditions and socioeconomic vulnerability | GIANNINI, T. C.; SILVA, C. M. da; ACOSTA, A. L.; JAFFÉ, R.; CARVALHO, A. T.; MARTINS, C. F.; ZANELLA, F. C. V.; CARVALHO, C. A. L.; HRNCIR, M.; SARAIVA, A. M.; SIQUEIRA, J. O.; FONSECA, V. L. I. Protecting a managed bee pollinator against climate change: strategies for an area with extreme climatic conditions and socioeconomic vulnerability. Apidologie, v. 48, p. 784–794, 2017.  doi.org/10.1007/s13592-017-0523-5 | 2,856 | B1 | CNPq,  CAPES |
| 73 | Recent developments for remediating acidic mine waters using sulfidogenic bacteria | NANCUCHEO, I.; BITENCOURT, J. A. P.; SAHOO, P. K.; ALVES, J. O.; SIQUEIRA, J. O.; OLIVEIRA, G. C. Recent developments for remediating acidic mine waters using sulfidogenic bacteria. Biomed Research International, v. 2017, 2017.  doi.org/10.1155/2017/7256582 | 2,583 | B1 | CNPq |
| 74 | Resistência do solo à penetração em pasto de capim-tifton 85 sob irrigação e adubação nitrogenada | DE MELO, M. L. A.; ARAÚJO, G. S. S.; GUIMARÃES, E. V.; SILVA, B. M.; CAIXETA, S. P. Resistência do solo à penetração em pasto de capim-tifton 85 sob irrigação e adubação nitrogenada. Enciclopédia Biosfera, Centro Científico Conhecer - Goiânia, v.14, n.25, p. 1145-1158, 2017.  doi.org/10.18677/EnciBio\_2017A93 | - | B5 | CNPq |
| 75 | Rhizobium inoculation in dry bean cv. BRSMG madrepérola subjected to fungicide seed treatment | CARDILLO, B. E. S.; OLIVEIRA, D. P.; SOARES, B. L.; MARTINS, F. A. D.; FERREIRA NETO, G. G.; COSTA, J. C.; MOREIRA, F. M. S.; ANDRADE, M. J. B. Rhizobiuminoculation in dry bean cv. BRSMG madrepérola subjected to fungicide seed treatment. Publications from USDA-ARS / UNL Faculty. 1682, p. 125-126, 2017.  http://digitalcommons.unl.edu/usdaarsfacpub/1682 | - | B3 | CNPq,  CAPES,  FAPEMIG |
| 76 | Selecting plant species for practical restoration of degraded lands using a multiple-trait approach | GIANNINI, T. C.; GIULIETTI, A. M.; HARLEY, R. M.; VIANA, P. L.; JAFFÉ, R.; ALVES, R.; PINTO, C. E.; MOTA, N. F. O.; CALDEIRA JR, C. F.; IMPERATRIZ-FONSECA, V. L.; FURTINI, A. E.; SIQUEIRA, J. O. Selecting plant species for practical restoration of degraded lands using a multiple-trait approach. Austral Ecology, v. 42, p. 510–521, 2017.  doi.org/doi:10.1111/aec.12470 | 1,730 | B2 | --- |
| 77 | Selenium behavior in the soil environment and its implication for human health | LOPES, G.; ÁVILA, F. W.; GUILHERME, L. R. G. Selenium behavior in the soil environment and its implication for human health. Ciência e Agrotecnologia, v. 41, n. 6., p. 605-615, nov/dez. 2017.  doi.org/10.1590/1413-70542017416000517 | 0,672 | A2 | CNPq,  CAPES,  FAPEMIG |
| 78 | Severity of yellow sigatoka in banana cultivated in silicon nutrient solution | FREITAS, A. S.; POZZA, E. A.; SOARES, M. G. O.; SILVA, H. R.; PÉREZ, C. D. P.; POZZA, A. A. A. Severity of yellow Sigatoka in banana cultivated in silicon nutrient solution. Australasian Plant Pathology, v. 46, p. 515–520, 2017.  doi.org/10.1007/s13313-017-0521-0 | 1,007 | B1 | CNPq,  FAPEMIG |
| 79 | Similar soils but different soil-forming factors: converging evolution of inceptisols in Brazil | SKORUPA; A. L. A.; SILVA, S. H. G.; POGGERE, G. C.; TASSINARI, D.; PINTO, L. C.; ZINN, Y. L.; CURI, N. Similar soils but different soil-forming factors: converging evolution of Inceptisols in Brazil. Pedosphere, v. 27, n. 4, p. 747–757, 2017.  doi:10.1016/S1002-0160(17)60443-0 | 2,430 | B1 | CNPq,  CAPES,  FAPEMIG |
| 80 | Soil compaction caused by harvest and logging operations in eucalyptus forests in coarse-textured soils from northeastern Brazil | ANDRADE, M. L. de C.; TASSINARI, D.; DIAS JUNIOR, M. de S.; MARTINS, R. P.; ROCHA, W. W.; DE SOUZA, Z. R. Soil compaction caused by harvest and logging operations in eucalyptus forests in coarse-textured soils from northeastern Brazil. Ciência e Agrotecnologia, v. 41, n. 2, p.191-200, mar/abr. 2017.  doi.org/10.1590/1413-0542017412036216 | 0,672 | A2 | CNPq,  CAPES,  FAPEMIG |
| 81 | Soil parent material, texture and oxide contents have little effect on soil organic carbon retention in tropical highlands | ARAUJO, M. A.; ZINN, Y. L.; LAL, R. Soil parent material, texture and oxide contents have little effect on soil organic carbon retention in tropical highlands. Geoderma, v. 300, p. 1–10, 2017.  doi.org/10.1016/j.geoderma.2017.04.006 | 3,740 | A2 | CAPES,  FAPEMIG |
| 82 | Soil physical quality after nitrogen fertilizers use in irrigated pasture of Tifton 85 | DE MELO, M. L. A.; GUIMARÃES, E. V.; SILVA, B. M.; DA COSTA, É. L.; CAIXETA, S. P. Soil physical quality after nitrogen fertilizers use in irrigated pasture of Tifton 85. Revista Scientia Agraria, v. 18, n. 4, Curitiba, out/dez, p. 194-203, 2017.  revistas.ufpr.br/agraria/article/view/53207 | - | B2 | CNPq |
| 83 | Soil physico-hydrical properties changes induced by weed control methods in coffee plantation | PIRES, L. F.; ARAUJO-JUNIOR, C. F.; AULER, A. C.; DIASA, N. M. P.; DIAS JUNIOR, M. S.; DE ALCÂNTARA, E. N. Soil physico-hydrical properties changes induced by weed control methods in coffee plantation. Agriculture, Ecosystems and Environment, v. 246, p. 261–268, 2017.  doi.org/10.1016/j.agee.2017.06.008 | 3,541 | A1 | CNPq,  FAPEMIG |
| 84 | Soil, water, nutrients and soil organic matter losses by water erosion as a function of soil management in the posses sub-watershed, Extrema, Minas Gerais, Brazil | BISPO, D. F. A.; SILVA, M. L. N.; PONTES, L. M.; GUIMARÃES, D. V.; MARQUES, J. J. G. de S. M.; CURI, N. Soil, water, nutrients and soil organic matter losses by water erosion as a function of soil management in the posses sub-watershed, Extrema, Minas Gerais, Brazil. Semina: Ciências Agrárias, Londrina, v. 38, n. 4, p. 1813-1824, jul./ago. 2017.  doi.org/10.5433/1679-0359.2017v38n4p1813 | 0,349 | B1 | CNPq,  CAPES,  FAPEMIG |
| 85 | Solos do quadrilátero ferrífero sob diferentes coberturas vegetais e materiais de origem | COELHO, M. R.; VASQUES, G. de M.; TASSINARI, D.; DE SOUZA, Z. R.; DE OLIVEIRA, A. P.; MOREIRA, F. M. S. Solos do quadrilátero ferrífero sob diferentes coberturas vegetais e materiais de origem. Dados eletrônicos. – Rio de Janeiro, RJ : Embrapa Solos, 130 p. : il. color. – (Boletim de pesquisa e desenvolvimento / Embrapa Solos, ISSN 1678-0892; 264, 2017.  www.embrapa.br/busca-de-publicacoes/-/publicacao/1087417/solos-do-quadrilatero-ferrifero-sob-diferentes-coberturas-vegetais-e-materiais-de-origem | - | - | FAPEMIG |
| 86 | Soybean response to NPK fertilization of sowing and potassium at topdressing in soil of improved fertility | [HICKMANN, C.](http://lattes.cnpq.br/2812322657890928); RESENDE, Á. V. de ; SILVA, C. A.; LACERDA, J. J. de J.; FURTINI NETO, A. E.; MOREIRA, S. G. Soybean response to NPK fertilization of sowing and potassium at topdressing in soil of improved fertility. Revista Agrogeoambiental, v. 9, p. 37-48, 2017.  doi.org.10.18406/2316-1817v9n22017942 | - | B5 | FAPEMIG,  CNPq,  EMBRAPA MILHO E SORGO |
| 87 | Spatial distribution of annual and monthly rainfall erosivity in the Jaguari River Basin | [PONTES, L. M.](http://lattes.cnpq.br/3507119637391081); SILVA, M. L. N.; BISPO, D. F. A.; AVALOS, F. A. P.; OLIVEIRA, M. S. de; ROCHA, H. R. da. Spatial distribution of annual and monthly rainfall erosivity in the Jaguarí River Basin. Revista Brasileira de Ciencia do Solo, v. 41, p. 1-13, 2017  doi.org/10.1590/18069657rbcs20160407 | 0,799 | A2 | CAPES  CNPq,  FAPEMIG |
| 88 | Spatial distribution of the litter carbon stock in the Cerrado biome in Minas Gerais State, Brazil | [MORAIS, V. A.](http://lattes.cnpq.br/9860717809502990); [MELLO, J. M.](http://lattes.cnpq.br/9805647108156583) ; MELLO, C. R. ; [SILVA, C. A.](http://lattes.cnpq.br/0971091607543044) ; SOLFORO, J. R. S. Spatial distribution of the litter carbon stock in the Cerrado biome in Minas Gerais state, Brazil. Ciência e Agrotecnologia (ONLINE), v. 41, p. 580-589, 2017  Doi.org/10.1590/1413-70542017415006917 | 0,672 | A2 | FAPEMIG,  CAPES,  UFLA |
| 89 | Straw production and agronomic performance of soybean intercropped with forage species in no-tillage system | [ANDRADE, C. A. O.](http://lattes.cnpq.br/3711473509342023); BORGHI, E.; BORTOLON, L.; BORTOLON, E. S. O.; CAMARGO, F. P.; AVANZI, J. C.; SIMON, J.; SILVA, R. R. da ; [FIDELIS, R. R.](http://lattes.cnpq.br/0616293406832497) Straw production and agronomic performance of soybean intercropped with forage species in no-tillage system. Pesquisa Agropecuária Brasileira (ONLINE) v. 52, p. 861-868, 2017.  doi.org/10.1590/s0100-204x2017001000005 | 0,546 | B1 | - |
| 91 | Sustainability of Jaborandi in the eastern Brazilian Amazon. | [CALDEIRA, C. F.](http://lattes.cnpq.br/4071467514868919); GIANNINI, T. C.; RAMOS, S. J.; VASCONCELOS, S.; MITRE, S. K.; PIRES, J. P. de A.; FERREIRA, G. C.; OHASHI, S.; MOTA, J. A.; CASTILHO, A.; SIQUEIRA, J. O.; FURTINI NETO, A. E. Sustainability of Jaborandi in the eastern Brazilian Amazon. Perspectives in Ecology and Conservation, v. 15, p. 161-171, 2017  doi.org/101016/j.pecon2017.08.002 | - | - | Vale S.A. |
| 91 | Symbiotic efficiency and genotypic characterization of variants of bradyrhizobium spp. In commercial inoculants for soybeans | [BARBOSA, L. de P.](http://lattes.cnpq.br/7308287336007660); COSTA, P. F.; RIBEIRO, P. R. A.; RUFINI, M.; GUIMARÃES, A. A.; MOREIRA, F. M. de S. Symbiotic Efficiency and Genotypic Characterization of Variants of Bradyrhizobium spp. in Commercial Inoculants for Soybeans. Revista Brasileira de Ciência do Solo, v. 41, p. 1/ 2017;41:e016, 2017  doi.org/10.1590/18069657 | 0,799 | A2 | CNPq,  CAPES  FAPEMIG |
| 92 | Synthetic polymers on water retention and pore distribuition in a clayey Latosol | [BENEVENUTE, P. A. N.](http://lattes.cnpq.br/3304233130241560); PASSOS, L. A. C.; MELO, L. B. B. de M. B. de; SILVA, É. A. da; OLIVEIRA, G. C. de. Synthetic polymers on water retention and pore distribuition in a clayey Latosol. Scientia Agraria (UFPR. IMPRESSO), v. 17, p. 24-30, 2017.  doi.org/10.5380/rsa.v1713.50628 | - | B2 | - |
| 93 | The use of Pedotransfer functions and the estimation of carbon stock in the central amazon region | [GOMES, A. da S.](http://lattes.cnpq.br/5715833947889205); FERREIRA, A. C. de S.; PINHEIRO, É. F. M.; MENEZES, M. D. de; CEDDIA, M. B. The use of Pedotransfer functions and the estimation of carbon stock in the Central Amazon region. SCIENTIA AGRICOLA, v. 74, p. 450-460, 2017.  doi.org/101590/1678-992x-2016-0310 | 1,383 | A1 | PETROBRÁS  UFRRJ  FAPUR |
| 94 | Time-stability of soil water content (SWC) in an Atlantic Forest - Latosol site. | [JUNQUEIRA, J.A.](http://lattes.cnpq.br/8149981454952944); MELLO, C.R. ; OWENS, P.R. ; MELLO, J.M. ; [Curi, N.](http://lattes.cnpq.br/6078476427954319) ; ALVES, G.J. . Time-stability of soil water content (SWC) in an Atlantic Forest - Latosol site. Geoderma (Amsterdam), v. 288, p. 64-78, 2017.  Doi1016/j.geoderma.2016.10.034 | 3,740 | A2 | FAPEMIG,  CNPq |
| 95 | Tolerance and potential for bioaccumulation of *Alternanthera tenella* Colla to cadmium under in vitro conditions | [RODRIGUES, L. C. A.](http://lattes.cnpq.br/3138521098703978); [MARTINS, J. P. R.](http://lattes.cnpq.br/1027473424632418); ALMEIDA JUNIOR, O.; GUILHERME, L. R. G.; [PASQUAL, M.](http://lattes.cnpq.br/5080819854251237); [CASTRO, E. M.](http://lattes.cnpq.br/4974948773862170) Tolerance and potential for bioaccumulation of *Alternanthera tenella* Colla to cadmium under in vitro conditions. Plant Cell Tissue And Organ Culture, v. 130, p. 507-519, 2017.  DOI 10.1007/s11240-017-1241-4 | 2,004 | B1 | CAPES |
| 96 | Tripartite symbiosis of *Sophora tomentosa*, rhizobia and arbuscular mycorhizal fungi. | [TOMA, M. A.](http://lattes.cnpq.br/2087603825672877); CARVALHO, T. S. de; GUIMARÃES, A. A.; COSTA, E. M. da; SILVA, J. S. da; MOREIRA, F. M. S. Tripartite symbiosis of *Sophora tomentosa*, rhizobia and arbuscular mycorhizal fungi. Brazilian Journal Of Microbiology, v. 48, p. 680-688, 2017.  doi.org/10.1016/j.bjm.2017.03.007 | 1,810 | A1 | CNPq,  CAPES,  FAPEMIG |
| 97 | Ultrasonic aggregate breakdown of an Oxisol as affected by cavitation intensity | [RIBEIRO, B. T.](http://lattes.cnpq.br/2810507687595483); LIMA, J. M. ; [OLIVEIRA, G. C.](http://lattes.cnpq.br/7119814347897379) ; [CURI, N.](http://lattes.cnpq.br/6078476427954319) ; SILVA, E. A. ; SILVA, B. M. . Ultrasonic Aggregate Breakdown of an Oxisol as Affected by Cavitation Intensity. Communications In Soil Science And Plant Analysis, v. 48, p. 818/7-824, 2017.  doi.org/10.1080/00103624.2017.1299170 | 0,589 | B2 | - |
| 98 | Uma nova proposta de indicadores de sustentabilidade na mineração. | MOTA, [J. A.](http://lattes.cnpq.br/3875681380420465); MANESCHY, M. C. A.; SOUZA-FILHO, P. W. M.; TORRES, V. F. N.; SIQUEIRA, J. O.; DOS SANTOS, J. F.; MATLABA, V. J. Uma nova proposta de indicadores de sustentabilidade na mineração. Sustentabilidade em Debate, v. 8, p. 15-29, 2017  Doi.org/10.18472/Sustdebv8n2.2017.21795 | - | B4 | - |
| 99 | *Urochloa decumbens* growth and P uptake as affected by long-term phosphate fertilization, mycorrhizal inoculation and historical land use in contrasting Oxisols of the Brazilian Cerrado. | [MOTTA, P. E. F.](http://lattes.cnpq.br/8608141598940377); SIQUEIRA, J. O.; RIBEIRO, B. T.; SILVA, S. H. G.; POGGERE, G. C.; [CURI, N](http://lattes.cnpq.br/6078476427954319). *Urochloa decumbens* growth and P uptake as affected by long-term phosphate fertilization, mycorrhizal inoculation and historical land use in contrasting Oxisols of the Brazilian Cerrado. Ciencia e Agrotecnologia, v. 41, p. 209-219, 2017  doi.org/10.1590/1413-70542017412042516 | 0,672 | A2 | - |
| 100 | Water erosion associated with rainfall patterns at extreme South of Bahia in eucalyptus post-planting | Guimarães DV ; SILVA, MLN ; Bispo, DFA ; [MARTINS, S. G.](http://lattes.cnpq.br/2477743442719896) ; Melo Neto, J.O. ; Martins RP ; [CURI, N.](http://lattes.cnpq.br/6078476427954319) . Water erosion associated with rainfall patterns at Extreme South of Bahia in eucalyptus post-planting. Semina-Ciencias Agrarias, v. 38, p. 2467-2482, 2017.  doi.org/10.5433/1679-0359 | 0,349 | B1 | CNPq,  CAPES  FAPEMIG |
| 101 | Weed control methods effect on the hydraulic attributes of a Latosol | [PIRES L. F.](http://lattes.cnpq.br/8442535263392473); ARAÚJO JR., C. F.; [DIAS, N. M. P.](http://lattes.cnpq.br/9784070616942368); DIAS JR., M. S.; ALCANTARA, E. N. Weed control methods effect on the hydraulic attributes of a Latosol. Acta Scientiarum. Agronomy (Online), v. 39, p. 119-128, 2017  doi.org/10.4025/actasciagron.v39i1.30814 | 0,692 | A2 | CNPq,  FAPEMIG |
| 102 | X-ray microanalytical studies of mineral elements in the tripartite symbiosis between lima bean, N2-fixing bacteria and mycorrhizal fungi. | [RODAK, B. W.](http://lattes.cnpq.br/1186045861532693); FREITAS, D. S.; BAMBERG, S. M.; CARNEIRO, M. A. C.; GUILHERME, L. R. G. X-ray microanalytical studies of mineral elements in the tripartite symbiosis between lima bean, N2-fixing bacteria and mycorrhizal fungi. Journal of Microbiological Methods v. 132, p. 14-20, 2017.  doi.org/10.1016/j.mimet.2016.11.006 | - | B1 | CNPq,  CAPES,  FAPEMIG,  FAPEG |
| 103 | Zinc and selenium accumulation and their effect on iron bioavailability in common bean seeds | [FIGUEIREDO, M. A.](http://lattes.cnpq.br/8374494341119718) de; BOLDRIN, P. F.; HART, J. J.; ANDRADE, M. J. B. de; GUILHERME, L. R. G.; GLAHN, R. P.; LI, L. Zinc and selenium accumulation and their effect on iron bioavailability in common bean seeds. Plant Physiology and Biochemistry (Paris), v. 111, p. 193-202, 2016.  DOI: 10.1016/j.plaphy.2016.11.019 | 2,724 | A1 | CAPES |