# Sara Di Lonardo

List of Publications by Year
in descending order



| 34 | 966 | 623734 | 477307 |
|---|---|---|---|
| papers | citations | 14 h-index | 29 g-index |

| 36 | 36 | 36 | 1481 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Biochar stimulates plant growth but not fruit yield of processing tomato in a fertile soil. Agriculture, Ecosystems and Environment, 2015, 207, 163-170. | 5.3 | 156 |
| 2 | The Effects of Biochar and Its Combination with Compost on Lettuce (Lactuca sativaL.) Growth, Soil Properties, and Soil Microbial Activity and Abundance. International Journal of Agronomy, 2017, 2017, 1-12. | 1.2 | 117 |
| 3 | Exploring the metal phytoremediation potential of three Populus alba L. clones using an in vitro screening. Environmental Science and Pollution Research, 2011, 18, 82-90. | 5.3 | 97 |
| 4 | The potential of stinging nettle (Urtica dioica L.) as a crop with multiple uses. Industrial Crops and Products, 2015, 68, 42-49. | 5.2 | 92 |
| 5 | UV protective properties of cotton and flax fabrics dyed with multifunctional plant extracts. Dyes and Pigments, 2014, 105, 89-96. | 3.7 | 78 |
| 6 | Association Between Short-Term Exposure to PM<sub>2.5</sub>and PM<sub>10</sub>and Mortality in Susceptible Subgroups: A Multisite Case-Crossover Analysis of Individual Effect Modifiers. American Journal of Epidemiology, 2016, 184, 744-754. | 3.4 | 51 |
| 7 | Dynamic Bayesian network for crop growth prediction in greenhouses. Computers and Electronics in Agriculture, 2020, 169, 105167. | 7.7 | 40 |
| 8 | Composition and emission of VOC from biogas produced by illegally managed waste landfills in Giugliano (Campania, Italy) and potential impact on the local population. Science of the Total Environment, 2018, 640-641, 377-386. | 8.0 | 37 |
| 9 | Closing Water Cycles in the Built Environment through Nature-Based Solutions: The Contribution of Vertical Greening Systems and Green Roofs. Water (Switzerland), 2021, 13, 2165. | 2.7 | 28 |
| 10 | In vitro conservation of chestnut (Castanea sativa) by slow growth. In Vitro Cellular and Developmental Biology - Plant, 2013, 49, 605-610. | 2.1 | 27 |
| 11 | Biochar-based nursery substrates: The effect of peat substitution on reduced salinity. Urban Forestry and Urban Greening, 2017, 23, 27-34. | 5.3 | 23 |
| 12 | Influence of road traffic, residential heating and meteorological conditions on PM10 concentrations during air pollution critical episodes. Environmental Science and Pollution Research, 2015, 22, 19027-19038. | 5.3 | 22 |
| 13 | An integrated low-cost road traffic and air pollution monitoring platform for next citizen observatories. Transportation Research Procedia, 2017, 24, 531-538. | 1.5 | 18 |
| 14 | Biochar successfully replaces activated charcoal for in vitro culture of two white poplar clones reducing ethylene concentration. Plant Growth Regulation, 2013, 69, 43-50. | 3.4 | 17 |
| 15 | Impacts of biomedical hashtag-based Twitter campaign: #DHPSP utilization for promotion of open innovation in digital health, patient safety, and personalized medicine. Current Research in Biotechnology, 2021, 3, 146-153. | 3.7 | 15 |
| 16 | The SensorWebBike for air quality monitoring in a smart city. , 2014, , . | | 14 |
| 17 | Testing new peat-free substrate mixtures for the cultivation of perennial herbaceous species: A case study on Leucanthemum vulgare Lam. Scientia Horticulturae, 2021, 289, 110472. | 3.6 | 12 |
| 18 | Nature-Based Units as Building Blocks for Resource Recovery Systems in Cities. Water (Switzerland), 2021, 13, 3153. | 2.7 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | An integrated low-cost road traffic and air pollution monitoring platform to assess vehiclesâ€™ air quality impact in urban areas. Transportation Research Procedia, 2017, 27, 609-616. | 1.5 | 9 |
| 20 | Non-Thermal Plasma Treatment Influences Shoot Biomass, Flower Production and Nutrition of Gerbera Plants Depending on Substrate Composition and Fertigation Level. Plants, 2021, 10, 689. | 3.5 | 8 |
| 21 | Managing pH of Organic Matrices and New Commercial Substrates for Ornamental Plant Production: A Methodological Approach. Agronomy, 2021, 11, 851. | 3.0 | 6 |
| 22 | A Preliminary Characterization of Wools from Italian Native Sheep Breeds: Opportunities for New Productions and the Development of Rural Areas. Journal of Natural Fibers, 2015, 12, 265-275. | 3.1 | 4 |
| 23 | The role of emissions and meteorology in driving CO2 concentrations in urban areas. Environmental Science and Pollution Research, 2021, 28, 29908-29918. | 5.3 | 4 |
| 24 | Neglected Wools: Fundamental Steps to Counteract the Loss of Potentially Valuable Materials Derived from Native Sheep Breeds. Conference Papers in Materials Science, 2013, 2013, 1-7. | 0.1 | 2 |
| 25 | Substitution of peat in the cultivation of two shrub species used for ecological restoration and recovery of degraded green areas. Acta Horticulturae, 2021, , 97-102. | 0.2 | 2 |
| 26 | Opportunities and challenges of using non-thermal plasma treatments in soilless cultures: experience from greenhouse experiments. Acta Horticulturae, 2021, , 259-266. | 0.2 | 2 |
| 27 | Chestnut Management Practice as Tool for Natural and Cultural Landscaping. World Terraced Landscapes: History, Environment, Quality of Life Environmental History, 2016, , 353-367. | 0.3 | 1 |
| 28 | Role of biochars in soil fertility management of fruit crops. , 2020, , 431-444. | | 1 |
| 29 | Replacement of peat by coir in Ranunculus asiaticus grown under different fertigation regimes and non-thermal plasma treatment. Acta Horticulturae, 2021, , 263-270. | 0.2 | 1 |
| 30 | THE BIOCHAR - A SOLUTION TO ENHANCE PROCESSING TOMATO PRODUCTION. Acta Horticulturae, 2015, , 209-213. | 0.2 | 0 |
| 31 | Preliminary study on in vivo rooting of ornamental plants growing on peat-free growing media. Acta Horticulturae, 2021, , 91-96. | 0.2 | 0 |
| 32 | Biomass production and reproductive performances of native and ornamental herbaceous plants in peat-free growing media. Acta Horticulturae, 2021, , 23-30. | 0.2 | 0 |
| 33 | A Man and the Biosphere Reserve as a natural and socio-economic laboratory for the sustainable future of small rural communities. Eco Mont, 2021, 13, 125-129. | 0.1 | 0 |
| 34 | Green infrastructures for the energetic and environmental sustainability of cities. Rivista Di Studi Sulla Sostenibilita, 2020, , 79-98. | 0.2 | 0 |