# Edgar Antonio BarragÃ¡n EscandÃ³n

List of Publications by Year
in descending order



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|---|---|---|---|
| 19 papers | 159 citations | 1307594 7 h-index | 1125743 13 g-index |
| 20 all docs | 20 docs citations | 20 times ranked | 190 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Soil Treatment to Reduce Grounding Resistance by Applying Low-Resistivity Material (LRM) Implemented in Different Grounding Systems Configurations and in Soils with Different Resistivities. Applied Sciences (Switzerland), 2022, 12, 4788. | 2.5 | 1 |
| 2 | Optimal Tilt and Orientation Angles in Fixed Flat Surfaces to Maximize the Capture of Solar Insolation: A Case Study in Ecuador. Applied Sciences (Switzerland), 2021, 11, 4546. | 2.5 | 7 |
| 3 | Residential Solar Thermal Performance Considering Self-Shading Incidence between Tubes in Evacuated Tube and Flat Plate Collectors. Sustainability, 2021, 13, 13870. | 3.2 | 3 |
| 4 | Energy self-supply estimation in intermediate cities. Renewable and Sustainable Energy Reviews, 2020, 129, 109913. | 16.4 | 8 |
| 5 | Assessment of Power Generation Using Biogas from Landfills in an Equatorial Tropical Context. Sustainability, 2020, 12, 2669. | 3.2 | 38 |
| 6 | Potencial de los residuos forestales para la contribuciÃ³n a la matriz energÃ©tica urbana. Granja, 2020, 32, 42-53. | 0.3 | 0 |
| 7 | RevisiÃ³n conjunta de fuentes primordiales para autoabastecimiento energÃ©tico urbano e incidencia solar como principal fuente, en contexto de ciudad ecuatorial-andina. Avances En Ciencias E IngenierÃas, 2020, 12, 21. | 0.1 | 1 |
| 8 | Las energÃas renovables a escala urbana. Aspectos determinantes y selecciÃ³n tecnolÃ³gica. Bitacora Urbano Territorial, 2019, 29, 39-48. | 0.2 | 5 |
| 9 | Urban photovoltaic potential estimation based on architectural conditions, production-demand matching, storage and the incorporation of new eco-efficient loads. Renewable Energy, 2019, 142, 224-238. | 8.9 | 13 |
| 10 | Factores que influyen en la selecciÃ³n de energÃas renovables en la ciudad. Eure, 2019, 45, 259-277. | 0.3 | 5 |
| 11 | Incidence of Photovoltaics in Cities Based on Indicators of Occupancy and Urban Sustainability. Energies, 2019, 12, 810. | 3.1 | 15 |
| 12 | Electricity production using renewable resources in urban centres. Proceedings of Institution of Civil Engineers: Energy, 2018, 171, 12-25. | 0.6 | 13 |
| 13 | Selection of Renewable Energies in Urban Environments by Applying the Fahp Method, Case Study: City of Cuenca Universidad PolitÃ©Cnica Salesiana. , 2018, , . | | 0 |
| 14 | Potencial fotovoltaico en techumbre de edificios industriales de alta demanda energèt̀ica, en zonas ecuatoriales.. Habitat Sustentable, 2018, 8, 28-41. | 0.3 | 4 |
| 15 | URBAN PHOTOVOLTAIC POTENTIAL OF INCLINED ROOFING FOR BUILDINGS IN HERITAGE CENTERS IN EQUATORIAL AREAS. Journal of Green Building, 2018, 13, 45-69. | 0.8 | 9 |
| 16 | The Role of Renewable Energy in the Promotion of Circular Urban Metabolism. Sustainability, 2017, 9, 2341. | 3.2 | 28 |
| 17 | FOMENTO DEL METABOLISMO ENERGÃ‰TICO CIRCULAR MEDIANTE GENERACIÃ“N ELÃ‰CTRICA PROVENIENTE DE RELLENOS SANITARIOS. Ingenius: Revista De Ciencia Y TecnologÃa, 2016, , 36. | 0.1 | 5 |
| 18 | Estudio de caso: DiseÃ±o de viviendas ambientales de bajo costo, Cuenca (Ecuador). Maskana, 2014, 5, 81-98. | 0.2 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Indicadores de captaciÃ³n fotovoltaica y solar tÃ©rmica para ciudades ecuatoriales andinas, para demandas de nÃºcleos familiares y consumos urbanos. Ã‘AWPAY Revista TÃ©cnica TecnolÃ³gica, 0, , 1-6. | 0.0 | 0 |