

# Edgar Antonio Barragán Escandón

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8260370/publications.pdf>

Version: 2024-02-01

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  | Assessment of Power Generation Using Biogas from Landfills in an Equatorial Tropical Context. Sustainability, 2020, 12, 2669.   | 3.2  | 38        |
| 2  | The Role of Renewable Energy in the Promotion of Circular Urban Metabolism. Sustainability, 2017, 9, 2341.  | 3.2  | 28        |
| 3  | Incidence of Photovoltaics in Cities Based on Indicators of Occupancy and Urban Sustainability. Energies, 2019, 12, 810.  | 3.1  | 15        |
| 4  | Electricity production using renewable resources in urban centres. Proceedings of Institution of Civil Engineers: Energy, 2018, 171, 12-25.   | 0.6  | 13        |
| 5  | 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        |
| 6  | 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         |
| 7  | Energy self-supply estimation in intermediate cities. Renewable and Sustainable Energy Reviews, 2020, 129, 109913.  | 16.4 | 8         |
| 8  | 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         |
| 9  | Las energías renovables a escala urbana. Aspectos determinantes y selección tecnológica. Bitacora Urbano Territorial, 2019, 29, 39-48.  | 0.2  | 5         |
| 10 | Factores que influyen en la selección de energías renovables en la ciudad. Eure, 2019, 45, 259-277.   | 0.3  | 5         |
| 11 | FOMENTO DEL METABOLISMO ENERGÉTICO CIRCULAR MEDIANTE GENERACIÓN ELÉCTRICA PROVENIENTE DE RELLENOS SANITARIOS. Ingenius: Revista De Ciencia Y Tecnología, 2016, , 36.  | 0.1  | 5         |
| 12 | Potencial fotovoltaico en techumbre de edificios industriales de alta demanda energética, en zonas ecuatoriales.. Habitat Sustentable, 2018, 8, 28-41.  | 0.3  | 4         |
| 13 | Estudio de caso: Diseño de viviendas ambientales de bajo costo, Cuenca (Ecuador). Maskana, 2014, 5, 81-98.  | 0.2  | 4         |
| 14 | Residential Solar Thermal Performance Considering Self-Shading Incidence between Tubes in Evacuated Tube and Flat Plate Collectors. Sustainability, 2021, 13, 13870.  | 3.2  | 3         |
| 15 | Revisión conjunta de fuentes primordiales para autoabastecimiento energético urbano e incidencia solar como principal fuente, en contexto de ciudad ecuatorial-andina. Avances En Ciencias E Ingenierías, 2020, 12, 21.                       | 0.1  | 1         |
| 16 | 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         |
| 17 | Selection of Renewable Energies in Urban Environments by Applying the Fahp Method, Case Study: City of Cuenca Universidad Politécnica Salesiana. , 2018, , .  |      | 0         |
| 18 | Indicadores de captación fotovoltaica y solar térmica para ciudades ecuatoriales andinas, para demandas de núcleos familiares y consumos urbanos. AWPAY Revista Técnica Tecnológica, 0, , 1-6.  | 0.0  | 0         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Potencial de los residuos forestales para la contribución a la matriz energética urbana. Granja, 2020, 32, 42-53. | 0.3 | 0         |