# Ernesto Leon-Castro

## List of Publications by Year
## in descending order

| 47 papers | 423 citations | 11 h-index | 20 g-index |
|---|---|---|---|
| 949033 | | 843174 | |

| 50 all docs | 50 docs citations | 50 times ranked | 189 citing authors |
|---|---|---|---|

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Secondary Creep Analysis of FG Rotating Cylinder with Exponential, Linear and Quadratic Volume Reinforcement. Materials, 2022, 15, 1803. | 1.3 | 3 |
| 2 | Innovation management in small and medium enterprises: A bibliometric analysis approach between 1985 and 2019. Cuadernos De Gestion, 2022, 22, 155-166. | 0.8 | 0 |
| 3 | Diagnosis of Intracranial Tumors via the Selective CNN Data Modeling Technique. Applied Sciences (Switzerland), 2022, 12, 2900. | 1.3 | 17 |
| 4 | Entrepreneurial intention a bibliometric approach. Cuadernos De Gestion, 2022, 22, 139-153. | 0.8 | 3 |
| 5 | Series of Floor and Ceiling Function—Part I: Partial Summations. Mathematics, 2022, 10, 1178. | 1.1 | 1 |
| 6 | Semantic Analysis and Topic Modelling of Web-Scrapped COVID-19 Tweet Corpora through Data Mining Methodologies. Healthcare (Switzerland), 2022, 10, 881. | 1.0 | 8 |
| 7 | Series of Floor and Ceiling Functions—Part II: Infinite Series. Mathematics, 2022, 10, 1566. | 1.1 | 0 |
| 8 | Forecasting the exchange rate with multiple linear regression and heavy ordered weighted average operators. Knowledge-Based Systems, 2022, 248, 108863. | 4.0 | 11 |
| 9 | Bonferroni Weighted Logarithmic Averaging Distance Operator Applied to Investment Selection Decision Making. Mathematics, 2022, 10, 2100. | 1.1 | 2 |
| 10 | Numerical Simulation of Stresses in Functionally Graded HCS-MgO Cylinder Using Iterative Technique and Finite Element Method. Materials, 2022, 15, 4537. | 1.3 | 0 |
| 11 | The ordered weighted average corporate social responsibility. Kybernetes, 2021, 50, 203-220. | 1.2 | 3 |
| 12 | The ordered weighted government transparency average: Colombia case. Journal of Intelligent and Fuzzy Systems, 2021, 40, 1837-1849. | 0.8 | 6 |
| 13 | Predicting the future price of a commodity using the OWMA operator: An approximation of the interest rate and inflation in the brown pastusa potato price. Journal of Intelligent and Fuzzy Systems, 2021, 40, 1971-1981. | 0.8 | 5 |
| 14 | Fuzzy systems and applications in innovation and sustainability. Journal of Intelligent and Fuzzy Systems, 2021, 40, 1723-1726. | 0.8 | 2 |
| 15 | A multicriteria hierarchical approach for portfolio selection in a stock exchange. Journal of Intelligent and Fuzzy Systems, 2021, 40, 1945-1955. | 0.8 | 8 |
| 16 | Pythagorean membership grade distance aggregation: An application to new business ventures. Journal of Intelligent and Fuzzy Systems, 2021, 40, 1827-1836. | 0.8 | 2 |
| 17 | Forgotten Motivational Factors of Boyacense Colombian Entrepreneurs: A Subjective Analysis of Second-Generation Incidences. Mathematics, 2021, 9, 973. | 1.1 | 5 |
| 18 | The Ordered Weighted Average Human Development Index. Axioms, 2021, 10, 87. | 0.9 | 2 |

| # | Article | IF | Citations |
|---|---------|----|----|
| 19 | Sustainable Development Goals Analysis with Ordered Weighted Average Operators. Sustainability, 2021, 13, 5240. | 1.6 | 5 |
| 20 | Innovation capabilities measurement using fuzzy methodologies: a Colombian SMEs case. Computational and Mathematical Organization Theory, 2021, 27, 384-413. | 1.5 | 4 |
| 21 | Fuzzy systems in innovation and sustainability. Computational and Mathematical Organization Theory, 2021, 27, 377. | 1.5 | 0 |
| 22 | Prioritized Induced Heavy Operators Applied to Political Modelling. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2021, 29, 603-620. | 0.9 | 0 |
| 23 | Pythagorean Membership Grade Aggregation Operators: Application in Financial knowledge. Mathematics, 2021, 9, 2136. | 1.1 | 1 |
| 24 | Bonferroni Prioritized Aggregation Operators Applied to Government Transparency. Mathematics, 2021, 9, 24. | 1.1 | 15 |
| 25 | Evaluation Scale of the Development and Quality Dimension in Software Development with an Exploratory Factorial Analysis. Advances in Intelligent Systems and Computing, 2021, , 75-85. | 0.5 | 0 |
| 26 | Multicriteria Analysis Model for the Evaluation of the Competitiveness of the States in Mexico. Advances in Intelligent Systems and Computing, 2021, , 1-20. | 0.5 | 2 |
| 27 | The ordered weighted average inflation. Journal of Intelligent and Fuzzy Systems, 2020, 38, 1901-1913. | 0.8 | 2 |
| 28 | Measuring volatility based on ordered weighted average operators: Agricultural products prices case of use. Fuzzy Sets and Systems, 2020, , . | 1.6 | 8 |
| 29 | Bonferroni Probabilistic Ordered Weighted Averaging Operators Applied to Agricultural Commodities' Price Analysis. Mathematics, 2020, 8, 1350. | 1.1 | 8 |
| 30 | Using Ordered Weighted Average for Weighted Averages Inflation. International Journal of Information Technology and Decision Making, 2020, 19, 601-628. | 2.3 | 3 |
| 31 | Covariances with OWA operators and Bonferroni means. Soft Computing, 2020, 24, 14999-15014. | 2.1 | 7 |
| 32 | BONFERRONI MEANS WITH THE INDUCED OWAWA OPERATOR. Fuzzy Economic Review, 2020, 25, . | 0.4 | 0 |
| 33 | Weighted Averages in the Ordered Weighted Average Inflation. Advances in Intelligent Systems and Computing, 2019, , 87-95. | 0.5 | 0 |
| 34 | The IOWAWA operator with bonferroni means. , 2019, , . | | 0 |
| 35 | Variances with Bonferroni means and ordered weighted averages. International Journal of Intelligent Systems, 2019, 34, 3020-3045. | 3.3 | 10 |
| 36 | A bibliometric analysis of aggregation operators. Applied Soft Computing Journal, 2019, 81, 105488. | 4.1 | 64 |

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|---|---------|-----|-----------|
| 37 | Bonferroni means with induced ordered weighted average operators. International Journal of Intelligent Systems, 2019, 34, 3-23. | 3.3 | 35 |
| 38 | Prioritized induced probabilistic operator and its application in group decision making. International Journal of Machine Learning and Cybernetics, 2019, 10, 451-462. | 2.3 | 20 |
| 39 | Forgotten Effects and Heavy Moving Averages in Exchange Rate Forecasting. Economic Computation and Economic Cybernetics Studies and Research, 2019, 53, 79-96. | 0.1 | 10 |
| 40 | A NEW MEASURE OF VOLATILITY USING INDUCED HEAVY MOVING AVERAGES. Technological and Economic Development of Economy, 2019, 25, 576-599. | 2.3 | 12 |
| 41 | MODELLING AND SIMULATION IN BUSINESS, ECONOMICS AND MANAGEMENT. Technological and Economic Development of Economy, 2019, 25, 571-575. | 2.3 | 2 |
| 42 | Government transparency measurement through prioritized distance operators. Journal of Intelligent and Fuzzy Systems, 2018, 34, 2783-2794. | 0.8 | 24 |
| 43 | Heavy Moving Averages and Their Application in Econometric Forecasting. Cybernetics and Systems, 2018, 49, 26-43. | 1.6 | 46 |
| 44 | Induced Heavy Moving Averages. International Journal of Intelligent Systems, 2018, 33, 1823-1839. | 3.3 | 35 |
| 45 | Bonferroni induced heavy operators in ERM decision-making: A case on large companies in Colombia. Applied Soft Computing Journal, 2018, 72, 371-391. | 4.1 | 29 |
| 46 | Toma de Decisiones Estratégicas en Entornos Inciertos. Revista De Metodos Cuantitativos Para La Economia Y La Empresa, 0, 30, 79-96. | 0.0 | 3 |
| 47 | Building a Regional Employability Indicator Based on Ordered Weighted Average Operators. Cybernetics and Systems, 0, , 1-23. | 1.6 | 0 |