

# Supun S Perera

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9265598/publications.pdf>

Version: 2024-02-01

18  
papers

376  
citations

1039406

9  
h-index

1125271

13  
g-index

18  
all docs

18  
docs citations

18  
times ranked

357  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Investigating transport network vulnerability by capacity weighted spectral analysis. Transportation Research Part B: Methodological, 2017, 99, 251-266.                      | 2.8 | 88        |
| 2  | Network science approach to modelling the topology and robustness of supply chain networks: a review and perspective. Applied Network Science, 2017, 2, 33.                   | 0.8 | 62        |
| 3  | An eigenvector centrality analysis of world container shipping network connectivity. Transportation Research, Part E: Logistics and Transportation Review, 2020, 140, 101991. | 3.7 | 45        |
| 4  | Network growth models: A behavioural basis for attachment proportional to fitness. Scientific Reports, 2017, 7, 42431.  | 1.6 | 43        |
| 5  | Connectivity analysis of the global shipping network by eigenvalue decomposition. Maritime Policy and Management, 2019, 46, 957-966.  | 1.9 | 29        |
| 6  | The relationship between nested patterns and the ripple effect in complex supply networks. International Journal of Production Research, 2021, 59, 325-341.                   | 4.9 | 28        |
| 7  | Topological Structure of Manufacturing Industry Supply Chain Networks. Complexity, 2018, 2018, 1-23.  | 0.9 | 24        |
| 8  | An entropy maximizing approach to the ferry network design problem. Transportation Research Part B: Methodological, 2020, 132, 15-28.   | 2.8 | 16        |
| 9  | Resurgence of demand responsive transit services “ Insights from BRIDJ trials in Inner West of Sydney, Australia. Research in Transportation Economics, 2020, 83, 100904.     | 2.2 | 10        |
| 10 | Structural characteristics of complex supply chain networks. , 2017, , .  |     | 8         |
| 11 | Topological rationality of supply chain networks. International Journal of Production Research, 2020, 58, 3126-3149.  | 4.9 | 6         |
| 12 | Detecting and improving public-transit connectivity with case studies of two world sport events. Transport Policy, 2014, 33, 96-109.  | 3.4 | 5         |
| 13 | Value chain approach for modelling resilience of tiered supply chain networks. , 2017, , .  |     | 5         |
| 14 | Identifying container shipping network bottlenecks along China’s Maritime Silk Road based on a spectral analysis. Maritime Policy and Management, 2021, 48, 1138-1150.        | 1.9 | 4         |
| 15 | Topological Structure of the Road Traffic Network in the Western Regional Megapolis, Sri Lanka. , 2018, , .   |     | 1         |
| 16 | An entropy maximizing approach to the ferry network design problem. Transportation Research Procedia, 2019, 38, 20-36.  | 0.8 | 1         |
| 17 | Absorbing Markov Chain Approach to Modelling Disruptions in Supply Chain Networks. , 2019, , .  |     | 1         |
| 18 | Quantifying Outsourcing Risk Arising from Product Interdependencies in Supply Networks. , 2019, , .   |     | 0         |