

Journal articles

- M.F. Cracolici, M. Cuffaro, V. Lacagnina. *Assessment of Sustainable Well-being in the Italian Regions: An Activity Analysis Model*. **Ecological Economics**, 143:105-110, doi: 10.1016/j.ecolecon.2017.07.010, 2018.
- V. Lacagnina, D. Provenzano. *An integrated fuzzy-stochastic model for revenue management: The hospitality industry case*. **Tourism Economics**, 22:779-792, doi: 10.1177/1354816616654250, 2016.
- V. Lacagnina, M.S. Leto Barone, S. La Piana, A. Seidita, G. Pingitore, G. Di Lorenzo. *Analysis of a Database to Predict the Result of Allergy Testing in Vivo in Patients with Chronic Nasal Symptoms*. **American Journal of Rhinology & Allergy**, 28(5):414-418, doi: 10.2500/ajra.2014.28.4078, 2014.
- V. Lacagnina, M.S. Leto Barone, S. La Piana, G. La Porta, G. Pingitore, G. Di Lorenzo. *Comparison between statistical and fuzzy approaches for improving diagnostic decision making in patients with chronic nasal symptoms*. **Fuzzy Sets and Systems**, 237:136-150, doi: 10.1016/j.fss.2013.10.013, 2013.
- D. Mendola, R. Scuderi, V. Lacagnina. *Defining and measuring the development of a country over time: a proposal of a new index*. **Quality & Quantity**, 47(5):2473-2494, doi: 10.1007/s11135-012-9665-8, 2012.
- V. Lacagnina, A. Pecorella. *A Stochastic Soft Constraints Fuzzy Model for a Portfolio Selection Problem*. **Fuzzy Sets and Systems**, 157:1317-1327, doi: 10.1016/j.fss.2005.10.002, 2006.
- A. Consiglio, V. Lacagnina, A. Russino. *A Simulation Analysis of the Microstructure of an Order Driven Financial Market with Multiple Securities and Portfolio Choices*. **Quantitative Finance**, 5(1):71-87, doi: 10.1080/14697680500041437, 2005.
- F. Guerriero, R. Musmanno, V. Lacagnina, A. Pecorella. *A Class of Label Correcting Methods for the K Shortest Paths Problem*. **Operations Research**, 49(3):423-429, doi: 10.1287/opre.49.3.423.11217, 2001.

Refereed Chapters in Books

- V. Lacagnina, D. Provenzano. *Hotel chain performance: a gravity-DEA approach*. In: A. Matias, P. Nijkamp, & M. Sarmento, editors, **Tourism economics: impact analysis**, 171-181, Springer, doi: 10.1007/978-3-7908-2725-5_11, 2011.
- V. Lacagnina, D. Provenzano. *Threshold Rule and Scaling Behavior in a Multi-Agent Supply Chain*. In: M. Li Calzi, L. Milone, P. Pellizzari, editors, **Progress in Artificial Economics: Computational and Agent-Based Models**, 645:139-150 of *Lecture Notes in Economics and Mathematical Systems*, Springer, doi: 10.1007/978-3-642-13947-5_12, 2010.
- E. Catanese, A. Consiglio, V. Lacagnina, A. Russino. *Asset Return Dynamics Under Alternative Learning Schemes*. In: C. Hernández, M. Posada, A. López-Parades, editors, **Artificial Economics: the Generative Method in Economics**, 631: 211-222 of *Lecture Notes in Economics and Mathematical Systems*, Springer, doi: 10.1007/978-3-642-02956-1_17, 2009.
- V. Lacagnina, D. Provenzano. *An Optimized System Dynamics Approach for a Hotel Chain Management*. In: À. Matias, P. Nijkamp, M. Sarmento, editors, **Advances in Tourism Economics, New Developments**, 35-49 of *Physica-Verlag*, Springer, doi: 10.1007/978-3-7908-2124-6, 2009.
- A. Consiglio, V. Lacagnina, A. Russino. *The Dynamics of Quote Prices in an Artificial Financial Market with Learning Effects*. In: C. Bruun, editor, **Advances in Artificial Economics**, 584: 63-75 of *Lecture Notes in Economics and Mathematical Systems*, Springer, doi: 10.1007/3-540-37249-0_5, 2006.
- A. Consiglio, V. Lacagnina, A. Russino. *Learning and the Price Dynamics of a Double-Auction Financial Market with Portfolio Traders*. In: P. Mathieu, B. Beaufils, O. Brandouy, editors, **Artificial Economics**, 564:215-226 of *Lecture Notes in Economics and Mathematical Systems*, Springer, doi: 10.1007/3-540-28547-4_18, 2006.
- D. Andria, V. Lacagnina, A. Lino, A. Pecorella. *A Parallel Simulated Annealing Approach to the K Shortest Loopless Paths Problem*. In: H. Power, J. J. Long, J. J. Casares Long, editors, **Applications of High Performance Computing in Engineering V**, 18:123-134 of *Transactions on Information and Communications Technologies*, WIT Press, doi: 10.2495/HPC970131, 1997.
- V. Lacagnina, R. Russo. *The Combined Distribution/Assignment Problem in Transportation Network Planning: A Parallel Approach on Hypercube Architecture*. In: C.A. Brebbia, H. Power, editors, **Application of Supercomputers in Engineering IV**, 9: 279-287 of *Transactions on Information and Communications Technologies*, WIT Press, doi: 10.2495/ASE950301, 1995.
- A. Genco, V. Lacagnina, A. Masnata, G. Pecorella. *Job Shop Scheduling by Parallel Approach*. In: C.A. Brebbia, H. Power, editors, **Application of Supercomputers in Engineering**, 3: 35-45 of *Transactions on Information and Communications Technologies*, WIT Press, 1993.