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Personal Website English data blog Hungarian data blog

Data Science Datactivism Social Networks

journal articles

- Sgouridis, Csala, Bardi: The Sower's Way: Quantifying the Narrowing Net-Energy Pathways to a Global Energy Transition, Environmental Research Letters (IF 4.13), accepted August 2016 pre-print 🖺 | published (open access) 🖺 | simulation model 💻 | research website 🤤
- 2. Sgouridis and Csala: A framework for defining sustainable energy transitions: principles, dynamics, and implications, Sustainability (IF 1.34) 6, no. 5 (2014): 2601-2622. pre-print 🖹 | published (open access) 🖹 | simulation model 💻
- 3. Sgouridis, Kaya, Csala: Switching Economics for Physics and the Carbon Price Inflation: Problems in Integrated Assessment Models and their Implications, Climatic Change (IF 3.34), under review pre-print
- 4. Sgouridis, Bardi, Csala: A net energy-based analysis for a climate-constrained sustainable energy transition. arXiv preprint arXiv:1503.06832 (2015) | pre-print 🖹

conference papers

- Csala, Sgouridis: Visualizing the Energetic Sustainability of Global and National Agricultural and Food Systems, First Mediterranean Conference on Food Supply and Distribution Systems in Urban Environments, Rome, Italy (2015) | presentation □ | research website □
- 2. Sgouridis and Csala: Renewable Energy Investment Ratio: A Critical Parameter for the Global Energy Transition, 34th International Energy Workshop hosted by IRENA, Abu Dhabi, UAE (2015) presentation 🖾
- 3. Zurita, Jayyousi, Csala, Eom, Hamadeh: Natural Gas Shortage Dynamics in Argentina, The 1st Asia-Pacific System Dynamics Conference, Tokyo, Japan (2014) | paper
- 4. Csala, Sgouridis: Modeling Dynamic Transitions in the Global Air Transportation System, The 31st International Conference of the System Dynamics Society, Cambridge, MA, USA (2013) | paper
- 5. Csala, Sgouridis: The Global Aviation Industry Dynamic Transition (GAIDT) Model: A system dynamics tool for competitive industry assessment, MIT TPP Technology, Management and Policy Student Symposium, Cambridge, MA, USA (2013) | presentation 🖾 | simulation model 💻

other resources



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