Roberto Monaco

List of Publications by Year
in descending order

15 papers	**214** citations	1163117 **8** h-index	1058476 **14** g-index
15 all docs	**15** docs citations	**15** times ranked	**152** citing authors

#	Article	IF	Citations
1	A procedure for mathematical analysis of landscape evolution and equilibrium scenarios assessment. Landscape and Urban Planning, 2011, 103, 289-302.	7.5	52
2	A decision support system for territorial resilience assessment and planning: An application to the Douro Valley (Portugal). Science of the Total Environment, 2021, 756, 143806.	8.0	35
3	Dynamic Models for Exploring the Resilience in Territorial Scenarios. Sustainability, 2020, 12, 3.	3.2	31
4	An integrated evaluation methodology to measure ecological and economic landscape states for territorial transformation scenarios: an application in Piedmont (Italy). Ecological Indicators, 2019, 105, 156-165.	6.3	24
5	Landscape Economic Attractiveness: An Integrated Methodology for Exploring the Rural Landscapes in Piedmont (Italy). Land, 2019, 8, 105.	2.9	19
6	Mathematical Models in Landscape Ecology: Stability Analysis and Numerical Tests. Acta Applicandae Mathematicae, 2013, 125, 173-192.	1.0	14
7	New Developments and Results for Mathematical Models in Environment Evaluations. Acta Applicandae Mathematicae, 2014, 132, 321-331.	1.0	9
8	Inside-outside park planning: A mathematical approach to assess and support the design of ecological connectivity between Protected Areas and the surrounding landscape. Ecological Engineering, 2020, 149, 105748.	3.6	9
9	Kinetic approach to deflagration processes in a recombination reaction. Kinetic and Related Models, 2011, 4, 259-276.	0.9	6
10	Discontinuous Shock Structure in a Reacting Mixture Modelled by Grad 13 Moment Approximation. Acta Applicandae Mathematicae, 2014, 132, 225-236.	1.0	4
11	Some asymptotic limits of reaction–diffusion systems appearing in reversible chemistry. Ricerche Di Matematica, 2017, 66, 99-111.	1.0	3
12	A New Mathematical Model for Environmental Monitoring and Assessment. Springer Proceedings in Mathematics and Statistics, 2017, , 263-283.	0.2	3
13	On the steady deflagration process for a gas mixture undergoing irreversible reactions. Ricerche Di Matematica, 2019, 68, 13-35.	1.0	3
14	Steady Combustion Waves Driven by a Recombination Reaction in a Gas Mixture. Acta Applicandae Mathematicae, 2012, 122, 127.	1.0	2
15	Photon transport in a time-dependent interstellar cloud. Mathematical Methods in the Applied Sciences, 2010, 33, 1245-1256.	2.3	0