Giuseppe Cantisani

List of Publications by Year
in descending order

33	692	623734 14	552781 26
papers	citations	h-index	g-index

34	34	34	409
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Road Roughness and Whole Body Vibration: Evaluation Tools and Comfort Limits. Journal of Transportation Engineering, 2010, 136, 818-826.	0.9	101
2	Management of road tunnels: Construction, maintenance and lighting costs. Tunnelling and Underground Space Technology, 2016, 51, 84-89.	6.2	96
3	Ground-vibrations induced by trains: Filled trenches mitigation capacity and length influence. Construction and Building Materials, 2015, 74, 1-8.	7.2	69
4	Technical and economic evaluation of lighting and pavement in Italian road tunnels. Tunnelling and Underground Space Technology, 2017, 65, 42-52.	6.2	52
5	Comparative Life Cycle Assessment of Lighting Systems and Road Pavements in an Italian Twin-Tube Road Tunnel. Sustainability, 2018, 10, 4165.	3.2	37
6	Unified Analysis of Road Pavement Profiles for Evaluation of Surface Characteristics. Modern Applied Science, 2013, 7, .	0.6	35
7	Effects of Vehicular Speed on the Assessment of Pavement Road Roughness. Applied Sciences (Switzerland), 2019, 9, 1783.	2.5	34
8	Natural lighting of road pre-tunnels: A methodology to assess the luminance on the pavement â€“ Part I. Tunnelling and Underground Space Technology, 2018, 73, 37-47.	6.2	33
9	Natural lighting of road pre-tunnels: A methodology to assess the luminance on the pavement â€“ Part II. Tunnelling and Underground Space Technology, 2018, 73, 170-178.	6.2	31
10	Calibration and validation of and results from a micro-simulation model to explore driversâ€™ actual use of acceleration lanes. Simulation Modelling Practice and Theory, 2018, 89, 82-99.	3.8	18
11	Effect of Sampietrini Pavers on Urban Heat Islands. International Journal of Environmental Research and Public Health, 2021, 18, 13108.	2.6	17
12	Italian Road Tunnels: Economic and Environmental Effects of an On-Going Project to Reduce Lighting Consumption. Sustainability, 2019, 11, 4631.	3.2	16
13	Evaluation methods for improving surface geometry of concrete floors: A case study. Case Studies in Structural Engineering, 2015, 4, 14-25.	1.6	15
14	Safety Problems in Urban Cycling Mobility: A Quantitative Risk Analysis at Urban Intersections. Safety, 2019, 5, 6.	1.7	15
15	Retrofit of an existing Italian bridge rail for H4a containment level using simulation. International Journal of Heavy Vehicle Systems, 2009, 16, 258.	0.2	12
16	Procedure for the Identification of Existing Roads Alignment from Georeferenced Points Database. Infrastructures, 2021, 6, 2.	2.8	11
17	Investigation of Parking Lot Pavements to Counteract Urban Heat Islands. Sustainability, 2022, 14, 7273.	3.2	11
18	The Integrated Design of Urban Road Intersections: A Case Study. , 2012, , .		10

#	Article	IF	Citations
19	Re-design of a road node with 7D BIM: Geometrical, environmental and microsimulation approaches to implement a benefit-cost analysis between alternatives. Automation in Construction, 2022, 135, 104133.	9.8	10
20	Risk Analysis and Safer Layout Design Solutions for Bicycles in Four-Leg Urban Intersections. Safety, 2019, 5, 24.	1.7	9
21	Prioritization methodology for roadside and guardrail improvement: Quantitative calculation of safety level and optimization of resources allocation. Journal of Traffic and Transportation Engineering (English Edition), 2018, 5, 348-360.	4.2	8
22	Reliability of Historical Car Data for Operating Speed Analysis along Road Networks. Sci, 2022, 4, 18.	3.0	8
23	A Statistics Based Approach for Defining Reference Trajectories on Road Sections. Modern Applied Science, 2013, 7, .	0.6	7
24	Operating Times and Usersâ€™ Behavior at Urban Road Intersections. Sustainability, 2020, 12, 4120.	3.2	7
25	Urban Road Noise: The Contribution of Pavement Discontinuities. , 2012, , .		4
26	The Public Safety Zones around Small and Medium Airports. Aerospace, 2018, 5, 46.	2.2	4
27	VPL Projectâ€™09: An Integrated Station for Vehiclesâ€™ Operating Conditions Survey. Procedia, Social and Behavioral Sciences, 2012, 53, 776-787.	0.5	3
28	Cyclists at Roundabouts: Risk Analysis and Rational Criteria for Choosing Safer Layouts. Infrastructures, 2021, 6, 34.	2.8	3
29	Improvement of Portable Concrete Barrier Design Using Computational Mechanics. Transportation Research Record, 2006, 1984, 3-13.	1.9	3
30	Results of Micro-Simulation Model for Exploring Driversâ€™ Behavior on Acceleration Lanes. European Transport - Trasporti Europei, 2020, , 1-10.	0.5	3
31	New research opportunities for roadside safety barriers improvement. IOP Conference Series: Materials Science and Engineering, 2017, 236, 012097.	0.6	2
32	Improvement of Portable Concrete Barrier Design Using Computational Mechanics. Transportation Research Record, 2006, 1984, 2-13.	1.9	1
33	CCV: A New Model for S85 Prediction. Procedia, Social and Behavioral Sciences, 2012, 53, 764-775.	0.5	1