

# Giuseppe Cantisani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/463164/publications.pdf>

Version: 2024-02-01

33  
papers

692  
citations

623734

14  
h-index

552781

26  
g-index

34  
all docs

34  
docs citations

34  
times ranked

409  
citing authors

#	ARTICLE	IF	CITATIONS
1	Re-design of a road node with 7D BIM: Geometrical, environmental and microsimulation approaches to implement a benefit-cost analysis between alternatives. <i>Automation in Construction</i> , 2022, 135, 104133.	9.8	10
2	Reliability of Historical Car Data for Operating Speed Analysis along Road Networks. <i>Sci</i> , 2022, 4, 18.	3.0	8
3	Investigation of Parking Lot Pavements to Counteract Urban Heat Islands. <i>Sustainability</i> , 2022, 14, 7273.	3.2	11
4	Cyclists at Roundabouts: Risk Analysis and Rational Criteria for Choosing Safer Layouts. <i>Infrastructures</i> , 2021, 6, 34.	2.8	3
5	Procedure for the Identification of Existing Roads Alignment from Georeferenced Points Database. <i>Infrastructures</i> , 2021, 6, 2.	2.8	11
6	Effect of Sampietrini Pavers on Urban Heat Islands. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 13108.	2.6	17
7	Operating Times and Users' Behavior at Urban Road Intersections. <i>Sustainability</i> , 2020, 12, 4120.	3.2	7
8	Results of Micro-Simulation Model for Exploring Drivers' Behavior on Acceleration Lanes. <i>European Transport - Trasporti Europei</i> , 2020, , 1-10.	0.5	3
9	Italian Road Tunnels: Economic and Environmental Effects of an On-Going Project to Reduce Lighting Consumption. <i>Sustainability</i> , 2019, 11, 4631.	3.2	16
10	Safety Problems in Urban Cycling Mobility: A Quantitative Risk Analysis at Urban Intersections. <i>Safety</i> , 2019, 5, 6.	1.7	15
11	Effects of Vehicular Speed on the Assessment of Pavement Road Roughness. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1783.	2.5	34
12	Risk Analysis and Safer Layout Design Solutions for Bicycles in Four-Leg Urban Intersections. <i>Safety</i> , 2019, 5, 24.	1.7	9
13	Natural lighting of road pre-tunnels: A methodology to assess the luminance on the pavement " Part II. <i>Tunnelling and Underground Space Technology</i> , 2018, 73, 170-178.	6.2	31
14	Natural lighting of road pre-tunnels: A methodology to assess the luminance on the pavement " Part I. <i>Tunnelling and Underground Space Technology</i> , 2018, 73, 37-47.	6.2	33
15	Comparative Life Cycle Assessment of Lighting Systems and Road Pavements in an Italian Twin-Tube Road Tunnel. <i>Sustainability</i> , 2018, 10, 4165.	3.2	37
16	The Public Safety Zones around Small and Medium Airports. <i>Aerospace</i> , 2018, 5, 46.	2.2	4
17	Calibration and validation of and results from a micro-simulation model to explore drivers' actual use of acceleration lanes. <i>Simulation Modelling Practice and Theory</i> , 2018, 89, 82-99.	3.8	18
18	Prioritization methodology for roadside and guardrail improvement: Quantitative calculation of safety level and optimization of resources allocation. <i>Journal of Traffic and Transportation Engineering (English Edition)</i> , 2018, 5, 348-360.	4.2	8

#	ARTICLE	IF	CITATIONS
19	Technical and economic evaluation of lighting and pavement in Italian road tunnels. <i>Tunnelling and Underground Space Technology</i> , 2017, 65, 42-52.	6.2	52
20	New research opportunities for roadside safety barriers improvement. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 236, 012097.	0.6	2
21	Management of road tunnels: Construction, maintenance and lighting costs. <i>Tunnelling and Underground Space Technology</i> , 2016, 51, 84-89.	6.2	96
22	Evaluation methods for improving surface geometry of concrete floors: A case study. <i>Case Studies in Structural Engineering</i> , 2015, 4, 14-25.	1.6	15
23	Ground-vibrations induced by trains: Filled trenches mitigation capacity and length influence. <i>Construction and Building Materials</i> , 2015, 74, 1-8.	7.2	69
24	Unified Analysis of Road Pavement Profiles for Evaluation of Surface Characteristics. <i>Modern Applied Science</i> , 2013, 7, .	0.6	35
25	A Statistics Based Approach for Defining Reference Trajectories on Road Sections. <i>Modern Applied Science</i> , 2013, 7, .	0.6	7
26	The Integrated Design of Urban Road Intersections: A Case Study. , 2012, , .		10
27	Urban Road Noise: The Contribution of Pavement Discontinuities. , 2012, , .		4
28	CCV: A New Model for S85 Prediction. <i>Procedia, Social and Behavioral Sciences</i> , 2012, 53, 764-775.	0.5	1
29	VPL Projectâ€™09: An Integrated Station for Vehiclesâ€™ Operating Conditions Survey. <i>Procedia, Social and Behavioral Sciences</i> , 2012, 53, 776-787.	0.5	3
30	Road Roughness and Whole Body Vibration: Evaluation Tools and Comfort Limits. <i>Journal of Transportation Engineering</i> , 2010, 136, 818-826.	0.9	101
31	Retrofit of an existing Italian bridge rail for H4a containment level using simulation. <i>International Journal of Heavy Vehicle Systems</i> , 2009, 16, 258.	0.2	12
32	Improvement of Portable Concrete Barrier Design Using Computational Mechanics. <i>Transportation Research Record</i> , 2006, 1984, 2-13.	1.9	1
33	Improvement of Portable Concrete Barrier Design Using Computational Mechanics. <i>Transportation Research Record</i> , 2006, 1984, 3-13.	1.9	3