

# Egidijus Rytas Vaidogas

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Solving Civil Engineering Problems by Means of Fuzzy and Stochastic MCDM Methods: Current State and Future Research. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-16.	1.1	71
2	SUSTAINABLE DEVELOPMENT AND MAJOR INDUSTRIAL ACCIDENTS: THE BENEFICIAL ROLE OF RISK-ORIENTED STRUCTURAL ENGINEERING / RIZIKA GRINDAMOS KONSTRUKCIJŲ INŽINERIJOS ĄTAKA MAJINANT SUNKIŲ PRAMONIŲ AVARIJŲ POVEIKŲ DARNIAM VYSTYMUISI. <i>Technological and Economic Development of Economy</i> , 2008, 14, 612-627.	4.6	22
3	PROTECTING BUILT PROPERTY AGAINST FIRE DISASTERS: MULTI-ATTRIBUTE DECISION MAKING WITH RESPECT TO FIRE RISK. <i>International Journal of Strategic Property Management</i> , 2010, 14, 391-407.	1.8	18
4	Decision Making Methods and Applications in Civil Engineering. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-3.	1.1	16
5	Reliability measures in multicriteria decision making as applied to engineering projects. <i>International Journal of Management and Decision Making</i> , 2007, 8, 497.	0.1	14
6	Introducing reliability measures into multi-criteria decision-making. <i>International Journal of Management and Decision Making</i> , 2007, 8, 475.	0.1	13
7	Multi-attribute Decision-making in Economics of Fire Protection. <i>Engineering Economics</i> , 2011, 22, .	2.6	13
8	SIMULATION-BASED PREDICTING THE POSITION OF ROAD TANK EXPLOSIONS. PART I: DATA AND MODELS. <i>Transport</i> , 2012, 27, 14-24.	1.2	7
9	Solving the Problem of Multiple-Criteria Building Design Decisions with respect to the Fire Safety of Occupants: An Approach Based on Probabilistic Modelling. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-18.	1.1	7
10	Sitting the barrier aimed at protecting roadside property from accidental fires and explosions on road: a pre-optimisation stage. <i>Baltic Journal of Road and Bridge Engineering</i> , 2012, 7, 277-287.	0.8	7
11	SIMULATION-BASED PREDICTING THE POSITION OF ROAD TANK EXPLOSIONS. PART II: A CASE STUDY. <i>Transport</i> , 2012, 27, 118-128.	1.2	5
12	Mathematical Models for Dealing with Risk in Engineering. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-3.	1.1	5
13	THE RISK TO STRUCTURES BUILT NEAR ROADS AND RAILS USED FOR MOVING HAZARDOUS MATERIALS. <i>Journal of Civil Engineering and Management</i> , 2016, 22, 442-455.	3.5	5
14	Predicting the ejection velocities of fragments from explosions cylindrical pressure vessels: Uncertainty and sensitivity analysis. <i>Journal of Loss Prevention in the Process Industries</i> , 2021, 71, 104450.	3.3	5
15	A BRIEF LOOK AT DATA ON THE RELIABILITY OF SPRINKLERS USED IN CONVENTIONAL BUILDINGS / TRUMPA DUOMENŲ APIE ĄPRASTINIUOSE PASTATUOSE ĄRENGTŲ SPRINKLERIŲ PATIKIMUMŲ, APĄVALGA. <i>Journal of Civil Engineering and Management</i> , 2011, 17, 115-125.		4
16	Bayesian reasoning aimed at a prediction of failure patterns of fire induced pressure vessel explosions. <i>Chemical Engineering Research and Design</i> , 2021, 154, 189-201.	5.6	3
17	Assessing Risk To Built Roadside Property Posed By Transportation Of Liquefied Gasses. , 2013, , .		0
18	Trench Fires Resulting from Accidental Releases from Tanker Trucks: Assessing the Thermal Effect on Roadside Territory. <i>Baltic Journal of Road and Bridge Engineering</i> , 2022, 17, 189-212.	0.8	0