

Peter Mesaros

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

313
citations

933264

10
h-index

996849

15
g-index

57
all docs

57
docs citations

57
times ranked

227
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of BIM technology and impact on productivity in construction project management. <i>Wireless Networks</i> , 2022, 28, 855-862.	2.0	18
2	Impact of COVID-19 on the Use of Innovative Technologies in the Construction Project Management. <i>EAI/Springer Innovations in Communication and Computing</i> , 2022, , 103-114.	0.9	0
3	IMPACTS OF INDUSTRY 4.0 ON EDUCATION IN THE CONSTRUCTION SECTOR. <i>INTED Proceedings</i> , 2022, , .	0.0	0
4	Waste Management in a Sustainable Circular Economy as a Part of Design of Construction. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4553.	1.3	11
5	Impact of enterprise information systems on selected key performance indicators in construction project management: An empirical study. <i>Wireless Networks</i> , 2021, 27, 1641-1648.	2.0	13
6	Adaptive Design of Formworks for Building Renovation Considering the Sustainability of Construction in BIM Environmentâ€”Case Study. <i>Sustainability</i> , 2021, 13, 799.	1.6	10
7	Evaluation Methods of Investments to Mobile Applications and Smart Technology in Construction Projects. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021, , 374-385.	0.2	0
8	Construction Waste Audit in the Framework of Sustainable Waste Management in Construction Projectsâ€”Case Study. <i>Buildings</i> , 2021, 11, 61.	1.4	23
9	Numerical Investigation for Riverbank Filtration Sustainability Considering Climatic Changes in Arid and Semi-Arid Regions; Case Study of RBF Site at Embaba, Nile Delta, Egypt. <i>Sustainability</i> , 2021, 13, 1897.	1.6	6
10	Estimation of daily evapotranspiration in KoÅ¡ice City (Slovakia) using several soft computing techniques. <i>Theoretical and Applied Climatology</i> , 2021, 144, 287-298.	1.3	28
11	The Implementation Factors of Information and Communication Technology in the Life Cycle Costs of Buildings. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2934.	1.3	10
12	Impact of Information and Communication Technology on Sustainable Supply Chain and Cost Reducing of Waste Management in Slovak Construction. <i>Sustainability</i> , 2021, 13, 7966.	1.6	13
13	Intelligent Designing and Increasing the Variability of Healthy Residential Buildings by Customizing Recycled Polyvinyl Butyral. <i>Sustainability</i> , 2021, 13, 9073.	1.6	2
14	Innovative cost estimation methods for building production. <i>Selected Scientific Papers: Journal of Civil Engineering</i> , 2021, 16, 7-23.	0.1	0
15	Supply Chain Management and Big Data Concept Effects on Economic Sustainability of Building Design and Project Planning. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11512.	1.3	11
16	The Implication of Petrographic Characteristics on the Mechanical Behavior of Middle Eocene Limestone, 15th May City, Egypt. <i>Sustainability</i> , 2020, 12, 9710.	1.6	3
17	Anthropogenic Activity Effects on Canals Morphology, Case Study: Nile Delta, Egypt. <i>Water (Switzerland)</i> , 2020, 12, 3184.	1.2	7
18	Simulation-Based Solutions Reducing Soil and Groundwater Contamination from Fertilizers in Arid and Semi-Arid Regions: Case Study the Eastern Nile Delta, Egypt. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9373.	1.2	27

#	ARTICLE	IF	CITATIONS
19	Use of a 3D scanner technology to create an information model of historic buildings - a case study. IOP Conference Series: Materials Science and Engineering, 2020, 960, 042065.	0.3	0
20	Sustainability of Buildings and Its Support Through Innovative Technologies. Lecture Notes in Civil Engineering, 2020, , 307-314.	0.3	2
21	Current State of Knowledge - based Systems Used in Architecture, Engineering and Construction. TEM Journal, 2020, , 716-721.	0.4	1
22	FLOOD ENVIRONMENTAL IMPACT RISK ANALYSIS. , 2020, , .		0
23	Analysing the implementation motivations of BIM Technology in Construction Project Management. IOP Conference Series: Materials Science and Engineering, 2020, 960, 042064.	0.3	2
24	Modelling of Erosion and Transport Processes. Water (Switzerland), 2019, 11, 2604.	1.2	3
25	Assessing the Potential Impacts of the Grand Ethiopian Renaissance Dam on Water Resources and Soil Salinity in the Nile Delta, Egypt. Sustainability, 2019, 11, 7050.	1.6	19
26	An Overview of Building Information Modeling Libraries. , 2018, , .		0
27	Applications of Knowledge Technology in Construction Industry. , 2018, , .		3
28	Application of Laser Scanning Technology for Information Modeling of Existing Buildings. , 2018, , .		2
29	Problems of assessing the duration and cost of restoration projects on the example of Poland, Slovakia and Lithuania. Scientific Review Engineering and Environmental Sciences, 2018, 27, 3-8.	0.2	2
30	Exploitation and Benefits of BIM in Construction Project Management. IOP Conference Series: Materials Science and Engineering, 2017, 245, 062056.	0.3	23
31	Developing of managerial competencies trough ERP systems in Slovak construction companies. , 2017, , .		1
32	Mixing augmented reality and EEG technology to create an unique learning tool for construction process. , 2017, , .		5
33	Impact of education and experiences of managers on performance of Slovak construction enterprises. , 2017, , .		1
34	Virtual Reality as Innovative Approach to the Interior Designing. Selected Scientific Papers: Journal of Civil Engineering, 2017, 12, 109-116.	0.1	7
35	Impact of ICT on Performance of Construction Companies in Slovakia. IOP Conference Series: Materials Science and Engineering, 2017, 245, 072044.	0.3	1
36	Developing managerial and digital competencies trough BIM technologies in construction industry. , 2016, , .		11

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37	Use of communication technologies in document exchange for the management of construction projects. Selected Scientific Papers: Journal of Civil Engineering, 2016, 11, 23-30.	0.1	0
38	Exploitation of cloud computing in management of construction projects in Slovakia. Organization, Technology and Management in Construction, 2016, 8, 1456-1463.	0.5	4
39	Semi-automated budgeting of structures included in modern methods of construction based on 3D model. , 2016, , .		1
40	Factors affecting the use of modern methods and materials in construction. IOP Conference Series: Materials Science and Engineering, 2015, 71, 012053.	0.3	7
41	Expanded polystyrene as the bearing building material of low energy construction. IOP Conference Series: Materials Science and Engineering, 2015, 71, 012002.	0.3	2
42	Information systems for material flow management in construction processes. IOP Conference Series: Materials Science and Engineering, 2015, 71, 012054.	0.3	3
43	Modern Methods for Cost Management in Construction Enterprises. Selected Scientific Papers: Journal of Civil Engineering, 2015, 10, 109-118.	0.1	3
44	BENEFITS AND BARRIERS TO THE INTRODUCTION OF BUSINESS INTELLIGENCE IN SLOVAK ENTERPRISES - EMPIRICAL STUDY. , 2015, , .		0
45	Augmented reality as an educational tool of M-learning focused on architecture and urban planning. , 2014, , .		2
46	AUGMENTED REALITY AND REVERSE ENGINEERING AS INNOVATIVE APPROACHES FOR PLANNING AND MODELLING THE SUSTAINABLE RECONSTRUCTION OF BUILDINGS. , 2014, , .		2
47	COMPETENCY-BASED MANAGEMENT OF INFORMATION FLOWS IN CONSTRUCTION PROJECTS. , 2014, , .		0
48	RESEARCH-BASED EDUCATION OF KEY COMPETENCIES OF TECHNICAL UNIVERSITY STUDENTS. , 2014, , .		0
49	EMPIRICAL ANALYSIS OF APPROACHES TO COST MANAGEMENT OF ARCHITECTURAL AND CONSTRUCTION PROJECTS IN SLOVAKIA. , 2014, , .		0
50	AUGMENTED REALITY IN ARCHITECTURE AND DESIGN: CASE STUDY OF THE DISTRICT CABANYAL IN VALENCIA, SPAIN. , 2014, , .		0
51	SUCCESS FACTORS OF IMPLEMENTATION AND THEIR EFFECT TO USE OF BUSINESS INTELLIGENCE IN PRACTICE. , 2014, , .		0
52	DATA QUALITY AS A KEY FACTOR FOR THE SUCCESSFUL IMPLEMENTATION AND USE OF BUSINESS INTELLIGENCE. , 2014, , .		0
53	Learning to Learn Competency and Its Relationship to Cognitive Competencies of University Students. Procedia, Social and Behavioral Sciences, 2012, 46, 4273-4278.	0.5	8
54	AUTOMATED COST ESTIMATING METHODOLOGY FOR MODERN METHODS OF CONSTRUCTION. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
55	The Fifth Dimension of BIM “ Implementation Survey. IOP Conference Series: Earth and Environmental Science, 0, 222, 012003.	0.2	9
56	Analysis of Safety Risks on the Construction Site. IOP Conference Series: Earth and Environmental Science, 0, 222, 012012.	0.2	6