Víctor Yepes

List of Publications by Year
in descending order

151 papers	**4,017** citations

87888

38 h-index	

144013

57 g-index	

156 all docs	**156** docs citations
156 times ranked	**2158** citing authors

#	Article	IF	Citations
1	Multi-criteria decision-making applied to the sustainability of building structures based on Modern Methods of Construction. Journal of Cleaner Production, 2022, 330, 129724.	9.3	38
2	Practical metamodel-assisted multi-objective design optimization for improved sustainability and buildability of wind turbine foundations. Structural and Multidisciplinary Optimization, 2022, 65, 1.	3.5	10
3	CIVIL ENGINEERING POSTGRADUATE STUDENTS' PERCEPTION ON SYNCHRONOUS VIRTUAL VERSUS FACE-TO-FACE TEACHING DURING COVID-19. INTED Proceedings, 2022, , .	0.0	0
4	ANALYSIS OF CIVIL ENGINEERING POSTGRADUATE STUDENTS' PERCEPTION ABOUT CONTEMPORARY ISSUES. INTED Proceedings, 2022, , .	0.0	0
5	Integration of the structural project into the BIM paradigm: A literature review. Journal of Building Engineering, 2022, 53, 104318.	3.4	14
6	Evaluating the sustainability of soil improvement techniques in foundation substructures. Journal of Cleaner Production, 2022, 351, 131463.	9.3	9
7	Social Impact Assessment Comparison of Composite and Concrete Bridge Alternatives. Sustainability, 2022, 14, 5186.	3.2	7
8	Slab Track Optimization Using Metamodels to Improve Rail Construction Sustainability. Journal of Construction Engineering and Management - ASCE, 2022, 148, .	3.8	4
9	Regional sustainable development impact through sustainable bridge optimization. Structures, 2022, 41, 1061-1076.	3.6	5
10	Comparison of Brazilian Social Interest Housing Projects Considering Sustainability. International Journal of Environmental Research and Public Health, 2022, 19, 6213.	2.6	0
11	Optimization Design of RC Elevated Water Tanks under Seismic Loads. Applied Sciences (Switzerland), 2022, 12, 5635.	2.5	7
12	Assessing the Relationship between Landscape and Management within Marinas: The Managers' Perception. Land, 2022, 11, 961.	2.9	5
13	An Adaptive ANP & ELECTRE IS-Based MCDM Model Using Quantitative Variables. Mathematics, 2022, 10, 2009.	2.2	7
14	CO_2-Optimization of Post-Tensioned Concrete Slab-Bridge Decks Using Surrogate Modeling. Materials, 2022, 15, 4776.	2.9	7
15	Discrete swarm intelligence optimization algorithms applied to steel–concrete composite bridges. Engineering Structures, 2022, 266, 114607.	5.3	4
16	Towards an AEC-AI Industry Optimization Algorithmic Knowledge Mapping: An Adaptive Methodology for Macroscopic Conceptual Analysis. IEEE Access, 2021, 9, 110842-110879.	4.2	9
17	QUANTIFYING AND MAPPING THE EVOLUTION OF A LEADER JOURNAL IN THE FIELD OF CIVIL ENGINEERING. Journal of Civil Engineering and Management, 2021, 27, 100-116.	3.5	7
18	Neutrosophic Completion Technique for Incomplete Higher-Order AHP Comparison Matrices. Mathematics, 2021, 9, 496.	2.2	4

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19	Embodied Energy Optimization of Buttressed Earth-Retaining Walls with Hybrid Simulated Annealing. Applied Sciences (Switzerland), 2021, 11, 1800.	2.5	15
20	MULTI-CRITERIA DECISION TECHNIQUES IN CIVIL ENGINEERING EDUCATION. COMPARATIVE STUDY APPLIED TO THE SUSTAINABILITY OF STRUCTURES. INTED Proceedings, 2021, , .	0.0	0
21	APPLICATION OF THE RESPONSE SURFACE METHODOLOGY IN A POSTGRADUATE OPTIMIZATION COURSE. , 2021, , .		0
22	Study of Alternatives for the Design of Sustainable Low-Income Housing in Brazil. Sustainability, 2021, 13, 4757.	3.2	12
23	Life Cycle Assessment of Bridges Using Bayesian Networks and Fuzzy Mathematics. Applied Sciences (Switzerland), 2021, 11, 4916.	2.5	8
24	Neutrosophic multi-criteria evaluation of sustainable alternatives for the structure of single-family homes. Environmental Impact Assessment Review, 2021, 89, 106572.	9.2	14
25	Comparative Life Cycle Analysis of Concrete and Composite Bridges Varying Steel Recycling Ratio. Materials, 2021, 14, 4218.	2.9	10
26	Optimized Application of Sustainable Development Strategy in International Engineering Project Management. Mathematics, 2021, 9, 1633.	2.2	3
27	Selection of Production Mix in the Agricultural Machinery Industry Considering Sustainability in Decision Making. Sustainability, 2021, 13, 9110.	3.2	4
28	Bridging the Gap between Landscape and Management within Marinas: A Review. Land, 2021, 10, 821.	2.9	5
29	Consideration of Uncertainty and Multiple Disciplines in the Determination of Sustainable Criteria for Rural Roads Using Neutrosophic Logic. Sustainability, 2021, 13, 9854.	3.2	1
30	Recycled versus non-recycled insulation alternatives: LCA analysis for different climatic conditions in Spain. Resources, Conservation and Recycling, 2021, 175, 105838.	10.8	16
31	An Analysis of a KNN Perturbation Operator: An Application to the Binarization of Continuous Metaheuristics. Mathematics, 2021, 9, 225.	2.2	12
32	Environmental, Economic and Social Impact Assessment: Study of Bridges in China's Five Major Economic Regions. International Journal of Environmental Research and Public Health, 2021, 18, 122.	2.6	11
33	KNOWLEDGE MANAGEMENT IN THE CONSTRUCTION INDUSTRY: CURRENT STATE OF KNOWLEDGE AND FUTURE RESEARCH. Journal of Civil Engineering and Management, 2021, 27, 671-680.	3.5	10
34	Sustainability assessment of concrete bridge deck designs in coastal environments using neutrosophic criteria weights. Structure and Infrastructure Engineering, 2020, 16, 949-967.	3.7	20
35	Robust decision-making design for sustainable pedestrian concrete bridges. Engineering Structures, 2020, 209, 109968.	5.3	15
36	Life cycle assessment of a railway tracks substructures: Comparison of ballast and ballastless rail tracks. Environmental Impact Assessment Review, 2020, 85, 106444.	9.2	28

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37	Impact of R&D&I on the Performance of Spanish Construction Companies. Advances in Civil Engineering, 2020, 2020, 1-14.	0.7	3
38	Bridge Carbon Emissions and Driving Factors Based on a Life-Cycle Assessment Case Study: Cable-Stayed Bridge over Hun He River in Liaoning, China. International Journal of Environmental Research and Public Health, 2020, 17, 5953.	2.6	14
39	A Hybrid k-Means Cuckoo Search Algorithm Applied to the Counterfort Retaining Walls Problem. Mathematics, 2020, 8, 555.	2.2	32
40	Environmental and Social Impact Assessment of Optimized Post-Tensioned Concrete Road Bridges. Sustainability, 2020, 12, 4265.	3.2	16
41	Steel-Concrete Composite Bridges: Design, Life Cycle Assessment, Maintenance, and Decision-Making. Advances in Civil Engineering, 2020, 2020, 1-13.	0.7	15
42	Robust Design Optimization for Low-Cost Concrete Box-Girder Bridge. Mathematics, 2020, 8, 398.	2.2	21
43	Multi-criteria assessment of alternative sustainable structures for a self-promoted, single-family home. Journal of Cleaner Production, 2020, 258, 120556.	9.3	22
44	The Buttressed Walls Problem: An Application of a Hybrid Clustering Particle Swarm Optimization Algorithm. Mathematics, 2020, 8, 862.	2.2	27
45	Proposal of Sustainability Indicators for the Design of Small-Span Bridges. International Journal of Environmental Research and Public Health, 2020, 17, 4488.	2.6	6
46	Enhancing Sustainability and Resilience through Multi-Level Infrastructure Planning. International Journal of Environmental Research and Public Health, 2020, 17, 962.	2.6	18
47	Black Hole Algorithm for Sustainable Design of Counterfort Retaining Walls. Sustainability, 2020, 12, 2767.	3.2	31
48	LIFE CYCLE SUSTAINABILITY ASSESSMENT FOR MULTI-CRITERIA DECISION MAKING IN BRIDGE DESIGN: A REVIEW. Journal of Civil Engineering and Management, 2020, 26, 690-704.	3.5	31
49	Heuristic Techniques for the Design of Steel-Concrete Composite Pedestrian Bridges. Applied Sciences (Switzerland), 2019, 9, 3253.	2.5	16
50	Accelerated optimization method for low-embodied energy concrete box-girder bridge design. Engineering Structures, 2019, 179, 556-565.	5.3	45
51	A Review of Multicriteria Assessment Techniques Applied to Sustainable Infrastructure Design. Advances in Civil Engineering, 2019, 2019, 1-16.	0.7	32
52	Buckling Analysis and Stability of Compressed Low-Carbon Steel Rods in the Elastoplastic Region of Materials. Advances in Civil Engineering, 2019, 2019, 1-9.	0.7	3
53	The concept of landscape within marinas: Basis for consideration in the management. Ocean and Coastal Management, 2019, 179, 104815.	4.4	10
54	VisualUVAM: A Decision Support System Addressing the Curse of Dimensionality for the Multi-Scale Assessment of Urban Vulnerability in Spain. Sustainability, 2019, 11, 2191.	3.2	8

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55	Optimization of reinforced concrete building frames with automated grouping of columns. Automation in Construction, 2019, 104, 331-340.	9.8	29
56	A review of modelling and optimisation methods applied to railways energy consumption. Journal of Cleaner Production, 2019, 222, 153-162.	9.3	45
57	Selection of Sustainable Short-Span Bridge Design in Brazil. Sustainability, 2019, 11, 1307.	3.2	17
58	MS-ReRO and D-ROSE methods: Assessing relational uncertainty and evaluating scenarios' risks and opportunities on multi-scale infrastructure systems. Journal of Cleaner Production, 2019, 216, 607-623.	9.3	6
59	Reliability-based maintenance optimization of corrosion preventive designs under a life cycle perspective. Environmental Impact Assessment Review, 2019, 74, 23-34.	9.2	33
60	MULTI-CRITERIA DECISION ANALYSIS TECHNIQUES APPLIED TO THE CONSTRUCTION OF A COMPOSITE BOX-GIRDER BRIDGE. , 2019, , .		0
61	LIFE CYCLE ASSESSMENT OF COMPOSITE FOOTBRIDGES IN A POSTGRADUATE OPTIMIZATION COURSE THROUGH A CASE STUDY. INTED Proceedings, 2019, , .	0.0	0
62	LIFE CYCLE ASSESSMENT FOR SUSTAINABLE DESIGN OF RAILWAY INFRASTRUCTURES. A CASE STUDY APPLICATION IN EDUCATION. INTED Proceedings, 2019, , .	0.0	0
63	Optimization of high-performance concrete post-tensioned box-girder pedestrian bridges. International Journal of Computational Methods and Experimental Measurements, 2019, 7, 118-129.	0.2	0
64	CASE STUDY OF THE EVALUATION OF THE LIFE CYCLE OF A FACADE USING THE FLIP TEACHING METHOD. , 2019, , .		0
65	APPLICATION OF FLIPPED LEARNING TO THE LIFE CYCLE ASSESSMENT OF A COMPOSITE PEDESTRIAN BRIDGE. , 2019, , .		0
66	Urban vulnerability assessment: Advances from the strategic planning outlook. Journal of Cleaner Production, 2018, 179, 544-558.	9.3	38
67	Bayesian network method for decision-making about the social sustainability of infrastructure projects. Journal of Cleaner Production, 2018, 176, 521-534.	9.3	92
68	Life cycle assessment of earth-retaining walls: An environmental comparison. Journal of Cleaner Production, 2018, 192, 411-420.	9.3	53
69	A review of multi-criteria assessment of the social sustainability of infrastructures. Journal of Cleaner Production, 2018, 187, 496-513.	9.3	120
70	A discursive, many-objective approach for selecting more-evolved urban vulnerability assessment models. Journal of Cleaner Production, 2018, 176, 1231-1244.	9.3	15
71	Social life cycle assessment of concrete bridge decks exposed to aggressive environments. Environmental Impact Assessment Review, 2018, 72, 50-63.	9.2	44
72	Life cycle impact assessment of corrosion preventive designs applied to prestressed concrete bridge decks. Journal of Cleaner Production, 2018, 196, 698-713.	9.3	48

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73	An Optimization-LCA of a Prestressed Concrete Precast Bridge. Sustainability, 2018, 10, 685.	3.2	29
74	Life Cycle Cost Assessment of Preventive Strategies Applied to Prestressed Concrete Bridges Exposed to Chlorides. Sustainability, 2018, 10, 845.	3.2	29
75	Embodied Energy Optimization of Prestressed Concrete Slab Bridge Decks. Technologies, 2018, 6, 43.	5.1	4
76	Advanced Optimization Techniques and Their Applications in Civil Engineering. Advances in Civil Engineering, 2018, 2018, 1-2.	0.7	1
77	Sustainable bridge design by metamodel-assisted multi-objective optimization and decision-making under uncertainty. Journal of Cleaner Production, 2018, 202, 904-915.	9.3	53
78	Towards a sustainable optimization of pavement maintenance programs under budgetary restrictions. Journal of Cleaner Production, 2017, 148, 90-102.	9.3	98
79	Optimization of buttressed earth-retaining walls using hybrid harmony search algorithms. Engineering Structures, 2017, 134, 205-216.	5.3	48
80	A systematic review of application of multi-criteria decision analysis for aging-dam management. Journal of Cleaner Production, 2017, 147, 217-230.	9.3	81
81	Multi-objective design of post-tensioned concrete road bridges using artificial neural networks. Structural and Multidisciplinary Optimization, 2017, 56, 139-150.	3.5	58
82	Heuristics in optimal detailed design of precast road bridges. Archives of Civil and Mechanical Engineering, 2017, 17, 738-749.	3.8	18
83	Method for estimating the social sustainability of infrastructure projects. Environmental Impact Assessment Review, 2017, 65, 41-53.	9.2	74
84	Lifetime reliability-based optimization of post-tensioned box-girder bridges. Engineering Structures, 2017, 145, 381-391.	5.3	54
85	Assessing the social sustainability contribution of an infrastructure project under conditions of uncertainty. Environmental Impact Assessment Review, 2017, 67, 61-72.	9.2	27
86	Market Demands on Construction Management: View from Graduate Students. Journal of Professional Issues in Engineering Education and Practice, 2017, 143, .	0.9	5
87	Carbon embodied optimization for buttressed earth-retaining walls: Implications for low-carbon conceptual designs. Journal of Cleaner Production, 2017, 164, 872-884.	9.3	31
88	Life cycle assessment of cost-optimized buttress earth-retaining walls: A parametric study. Journal of Cleaner Production, 2017, 140, 1037-1048.	9.3	52
89	Life-Cycle Assessment: A Comparison between Two Optimal Post-Tensioned Concrete Box-Girder Road Bridges. Sustainability, 2017, 9, 1864.	3.2	55
90	The Dilemma of Innovation in the Construction Company: A Decade of Lessons Learned. Lecture Notes in Management and Industrial Engineering, 2017, , 21-33.	0.4	2

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91	TRANSVERSE COMPETENCE 'CRITICAL THINKING' IN CIVIL ENGINEERING GRADUATE STUDIES: PRELIMINARY ASSESSMENT. , 2017, , .		1
92	Computer-support tool to optimize bridges automatically. International Journal of Computational Methods and Experimental Measurements, 2017, 5, 171-178.	0.2	5
93	Design optimization of precast-prestressed concrete road bridges with steel fiber-reinforcement by a hybrid evolutionary algorithm. International Journal of Computational Methods and Experimental Measurements, 2017, 5, 179-189.	0.2	1
94	ASSESSMENT OF THE ARGUMENTATIVE ABILITY IN INNOVATION MANAGEMENT OF CIVIL ENGINEERING STUDIES. INTED Proceedings, 2017, , .	0.0	0
95	SIMULATED ANNEALING WITH PARAMETER TUNING FOR ENERGY OPTIMIZATION OF RETAINING WALLS. A CASE STUDY APPLICATION IN EDUCATION. , 2017, , .		0
96	SUSTAINABLE ASSESSMENT OF RETAINING WALLS THROUGH AN ACTIVE LEARNING METHOD CONSIDERING MULTIPLE STAKEHOLDERS. Proceedings of International Structural Engineering and Construction, 2017, 4, .	0.1	0
97	ENVIRONMENTAL IMPACT SHARES OF A REINFORCED CONCRETE EARTH-RETAINING WALL WITH BUTTRESSES. Proceedings of International Structural Engineering and Construction, 2017, 4, .	0.1	0
98	A Review of Multi-Criteria Decision-Making Methods Applied to the Sustainable Bridge Design. Sustainability, 2016, 8, 1295.	3.2	117
99	Social Sustainability in the Lifecycle of Chilean Public Infrastructure. Journal of Construction Engineering and Management - ASCE, 2016, 142, .	3.8	67
100	OPTIMAL PAVEMENT MAINTENANCE PROGRAMS BASED ON A HYBRID GREEDY RANDOMIZED ADAPTIVE SEARCH PROCEDURE ALGORITHM. Journal of Civil Engineering and Management, 2016, 22, 540-550.	3.5	33
101	Multiobjective optimization of post-tensioned concrete box-girder road bridges considering cost, CO2 emissions, and safety. Engineering Structures, 2016, 125, 325-336.	5.3	62
102	Structural design of precast-prestressed concrete U-beam road bridges based on embodied energy. Journal of Cleaner Production, 2016, 120, 231-240.	9.3	48
103	Appraisal of infrastructure sustainability by graduate students using an active-learning method. Journal of Cleaner Production, 2016, 113, 884-896.	9.3	41
104	Creative Innovation in Spanish Construction Firms. Journal of Professional Issues in Engineering Education and Practice, 2016, 142, .	0.9	20
105	ACQUISITION OF COMPETENCES IN A MASTER DEGREE IN CONSTRUCTION MANAGEMENT. INTED Proceedings, 2016, , .	0.0	1
106	Sustainable Pavement Management. Transportation Research Record, 2015, 2523, 56-63.	1.9	47
107	A cognitive approach for the multi-objective optimization of RC structural problems. Archives of Civil and Mechanical Engineering, 2015, 15, 1024-1036.	3.8	57
108	Hybrid harmony search for sustainable design of post-tensioned concrete box-girder pedestrian bridges. Engineering Structures, 2015, 92, 112-122.	5.3	54

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109	Memetic Algorithm Approach to Designing Precast-Prestressed Concrete Road Bridges with Steel Fiber Reinforcement. Journal of Structural Engineering, 2015, 141, .	3.4	25
110	Cost and CO2 emission optimization of precast–prestressed concrete U-beam road bridges by a hybrid glowworm swarm algorithm. Automation in Construction, 2015, 49, 123-134.	9.8	110
111	Diseño de estribos abiertos en puentes de carretera obtenidos mediante optimización híbrida de escalada estocástica. Informes De La Construccion, 2015, 67, e114.	0.3	5
112	Optimization of concrete I-beams using a new hybrid glowworm swarm algorithm. Latin American Journal of Solids and Structures, 2014, 11, 1190-1205.	1.0	45
113	An Iterative Approach for the Optimization of Pavement Maintenance Management at the Network Level. Scientific World Journal, The, 2014, 2014, 1-11.	2.1	32
114	Current models and practices of economic and environmental evaluation for sustainable network-level pavement management. Revista De La Construccion, 2014, 13, 49-56.	0.5	18
115	Life cycle greenhouse gas emissions of blended cement concrete including carbonation and durability. International Journal of Life Cycle Assessment, 2014, 19, 3-12.	4.7	143
116	Sustainable design using multiobjective optimization of high-strength concrete I-beams. WIT Transactions on the Built Environment, 2014, , .	0.0	2
117	Design of prestressed concrete precast road bridges with hybrid simulated annealing. Engineering Structures, 2013, 48, 342-352.	5.3	43
118	The Resource Leveling Problem with multiple resources using an adaptive genetic algorithm. Automation in Construction, 2013, 29, 161-172.	9.8	82
119	Impact of the Economic Crisis in Construction: A Perspective from Graduate Students. Procedia, Social and Behavioral Sciences, 2013, 89, 640-645.	0.5	1
120	Method for Planning Graduate Programs in Construction Management. Journal of Professional Issues in Engineering Education and Practice, 2013, 139, 33-41.	0.9	11
121	Employability of Graduate Students in Construction Management. Journal of Professional Issues in Engineering Education and Practice, 2013, 139, 163-170.	0.9	29
122	Heuristic Optimization Model for Infrastructure Asset Management. Lecture Notes in Computer Science, 2013, , 300-309.	1.3	7
123	Prediction of the transfer length of prestressing strands with neural networks. Computers and Concrete, 2013, 12, 187-209.	0.7	29
124	A parametric study of optimum tall piers for railway bridge viaducts. Structural Engineering and Mechanics, 2013, 45, 723-740.	1.0	11
125	Organizational Improvement Through Standardization of the Innovation Process in Construction Firms. EMJ - Engineering Management Journal, 2012, 24, 40-53.	2.3	58
126	Designing a Benchmark Indicator for Managerial Competences in Construction at the Graduate Level. Journal of Professional Issues in Engineering Education and Practice, 2012, 138, 48-54.	0.9	34

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127	CO2-Optimization Design of Reinforced Concrete Retaining Walls Based on a VNS-Threshold Acceptance Strategy. Journal of Computing in Civil Engineering, 2012, 26, 378-386.	4.7	70
128	Multi-objective optimization design of bridge piers with hybrid heuristic algorithms. Journal of Zhejiang University: Science A, 2012, 13, 420-432.	2.4	27
129	Knowledge management in the construction industry: state of the art and trends in research. Revista De La Construccion, 2012, 11, 62-73.	0.5	13
130	Complete fuzzy scheduling and fuzzy earned value management in construction projects. Journal of Zhejiang University: Science A, 2012, 13, 56-68.	2.4	29
131	Heuristic optimization of short corbels by smeared cracking finite element analysis. WIT Transactions on the Built Environment, 2012, , .	0.0	0
132	Teaching and learning using a case study: application to a master degree in construction management. Procedia, Social and Behavioral Sciences, 2011, 15, 696-702.	0.5	7
133	Design of reinforced concrete road vaults by heuristic optimization. Advances in Engineering Software, 2011, 42, 151-159.	3.8	42
134	Heuristic optimization of RC bridge piers with rectangular hollow sections. Computers and Structures, 2010, 88, 375-386.	4.4	39
135	On the Weibull cost estimation of building frames designed by simulated annealing. Meccanica, 2010, 45, 693-704.	2.0	41
136	Sistema de control dimensional y de replanteo de alta precisiÃ³n de elementos prefabricados singulares. Revista De La Construccion, 2010, 9, 116-125.	0.5	4
137	Profit Forecasting Using Support Vector Regression for Consulting Engineering Firms. , 2009, , .		1
138	CO2-optimization of reinforced concrete frames by simulated annealing. Engineering Structures, 2009, 31, 1501-1508.	5.3	139
139	Design of reinforced concrete bridge frames by heuristic optimization. Advances in Engineering Software, 2008, 39, 676-688.	3.8	75
140	A parametric study of optimum earth-retaining walls by simulated annealing. Engineering Structures, 2008, 30, 821-830.	5.3	139
141	Multiobjective Optimization of Concrete Frames by Simulated Annealing. Computer-Aided Civil and Infrastructure Engineering, 2008, 23, 596-610.	9.8	124
142	Cost versus sustainability of reinforced concrete building frames by multiobjective optimization. , 2008, , 953-958.		2
143	Threshold accepting optimization of road vaults and rectangular hollow bridge piers. WIT Transactions on the Built Environment, 2007, , .	0.0	3
144	Multiobjective Simulated Annealing Optimization of Concrete Building Frames. , 2006, , 1.		4

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145	Economic Heuristic Optimization for Heterogeneous Fleet VRPHESTW. Journal of Transportation Engineering, 2006, 132, 303-311.	0.9	42
146	Discovering the marinaâ€™s cultural heritage and cultural landscape. Proceedings E Report, 0, , 95-104.	0.0	2
147	Ant Colony Optimization of Reinforced Concrete Bridge Piers of Rectangular Hollow Section. , 0, , .		2
148	IntegraciÃ³n de investigaciÃ³n y docencia de posgrado a travÃ©s del diseÃ±o eficiente de estructuras. Modelling in Science Education and Learning, 0, 6, 89.	0.2	0
149	ValoraciÃ³n de las herramientas y metodologÃas activas en el Grado en IngenierÃa de Obras PÃºblicas. , 0, , .		0
150	Heuristic Optimization of Reinforced Concrete Road Vault Underpasses. , 0, , .		0
151	Heuristic Optimization of Reinforced Concrete Road Bridge Frames. , 0, , .		0