Nikolai Vatin

List of Publications by Citations

347 papers	3,425 citations	29 h-index	36 g-index
380 ext. papers	4,708 ext. citations	1.6 avg, IF	6.19 L-index

#	Paper	IF	Citations
347	EOR (Oil Recovery Enhancement) Technology Using Shock Wave in the Fluid. *Applied Mechanics and Materials*, **2014**, 627, 297-303	0.3	51
346	Reconstruction of administrative buildings of the 70's: The possibility of energy modernization. *Journal of Applied Engineering Science*, **2014**, 12, 37-44	1.2	51
345	Fibre-Reinforced Foamed Concretes: A Review. *Materials*, **2020**, 13,	3.5	49
344	The Energy-Efficient Heat Insulation Thickness for Systems of Hinged Ventilated Facades. *Advanced Materials Research*, **2014**, 941-944, 905-920	0.5	47
343	Fast Urban Development of Cetinje □Old Royal Capital of Montenegro. *Applied Mechanics and Materials*, **2014**, 584-586, 564-569	0.3	46
342	Renewable Energy Sources Used to Supply Pre-School Facilities with Energy in Different Weather Conditions. *Applied Mechanics and Materials*, **2014**, 624, 604-612	0.3	45
341	Solar Power Opportunities in Northern Cities (Case Study of Saint-Petersburg). *Applied Mechanics and Materials*, **2014**, 587-589, 348-354	0.3	43
340	Increase of Energy Efficiency for Educational Institution Building. *Advanced Materials Research*, **2014**, 953-954, 854-870	0.5	43
339	Investigation of the Potential Use of Curau□Fiber for Reinforcing Mortars. *Fibers*, **2020**, 8, 69	3.7	41
338	Shadowing Impact on Amount of Power Generated by Photovoltaic Modules. *Applied Mechanics and Materials*, **2014**, 587-589, 342-347	0.3	39
337	Neural Network Prognostic Model for Predicting the Fire Resistance of Eccentrically Loaded RC Columns. *Applied Mechanics and Materials*, **2014**, 627, 276-282	0.3	39
336	Tests Results Strength and Thermophysical Properties of Aerated Concrete Block Wall Samples with the Use of Polyurethane Adhesive. *Advanced Materials Research*, **2014**, 941-944, 786-799	0.5	39
335	Increase of Energy Efficiency of the Building of Kindergarten. *Advanced Materials Research*, **2014**, 953-954, 1537-1544	0.5	38
334	Fluorescent spectroscopy features in the study of green leaves of plants. *Journal of Physics: Conference Series*, **2017**, 929, 012021	0.3	37
333	Thermophysical field testing of residential buildings made of autoclaved aerated concrete blocks. *Magazine of Civil Engineering*, **2016**, 64, 10-25		36
332	Improvement of Performances of the Gypsum-Cement Fiber Reinforced Composite (GCFRC). *Materials*, **2020**, 13,	3.5	35
331	Hydraulic Methods for Calculation of System of Rear Ventilated Facades. *Applied Mechanics and Materials*, **2014**, 633-634, 1007-1012	0.3	34

330	Application of RFID combined with blockchain technology in logistics of construction materials. *MATEC Web of Conferences*, **2018**, 170, 03032	0.3	33
329	Fly Ash-Based Eco-Efficient Concretes: A Comprehensive Review of the Short-Term Properties. *Materials*, **2021**, 14,	3.5	33
328	Reinforced Soil Beds on Weak Soils. *Applied Mechanics and Materials*, **2014**, 633-634, 932-935	0.3	32
327	Influence of building envelope thermal protection on heat loss value in the building. *Magazine of Civil Engineering*, **2012**, 34, 4-14		31
326	Experimental Tests and Reliability Analysis of the Cracking Impact Resistance of UHPFRC. *Fibers*, **2020**, 8, 74	3.7	31
325	Relevance of Education in Construction Safety Area. *Applied Mechanics and Materials*, **2014**, 635-637, 2085-2089	0.3	30
324	Modeling a set of concrete strength in the program ELCUT at warming of monolithic structures by wire. *Magazine of Civil Engineering*, **2015**, 54, 33-45		30
323	Use of Recycled Concrete Aggregates in Production of Green Cement-Based Concrete Composites: A Review. *Crystals*, **2021**, 11, 232	2.3	30
322	Photosensitivity of structures based on AIIBIII 2CVI 4 monocrystals. *Journal of Physics: Conference Series*, **2018**, 1038, 012100	0.3	30
321	Physical-Mechanical Properties of the Modified Fine-Grained Concrete Subjected to Thermal Effects up to 200°□*Applied Mechanics and Materials*, **2014**, 633-634, 1013-1017	0.3	29
320	Modern Business Strategy Customer Relationship Management in the Area of Civil Engineering. *Applied Mechanics and Materials*, **2014**, 678, 644-647	0.3	29
319	Activities of Civil Engineering Institute to Attract Foreign Students for Training in Civil Engineering Programs. *Applied Mechanics and Materials*, **2014**, 635-637, 2076-2080	0.3	29
318	Use of ashes and ash-and-slad wastes in construction. *Magazine of Civil Engineering*, **2011**, 22, 16-21		29
317	The Strength and Strain of High-strength Concrete Elements with Confinement and Steel Fiber Reinforcement Including the Conditions of the Effect of Elevated Temperatures. *Procedia Engineering*, **2015**, 117, 970-979		28
316	Using Life-cycle Analysis to Assess Energy Savings Delivered by Building Insulation. *Procedia Engineering*, **2015**, 117, 1080-1089		28
315	Development and Competitiveness Improvement of the Construction Sector in Montenegro. *Applied Mechanics and Materials*, **2014**, 638-640, 2465-2470	0.3	28
314	Megacities Land Drainage and Land Runoff Features and Treatment. *Applied Mechanics and Materials*, **2014**, 641-642, 409-415	0.3	28
313	Problems of Cold-Bent Notched C-Shaped Profile Members. *Advanced Materials Research*, **2014**, 941-944, 1871-1875	0.5	28

312	Thin-Walled Cross-Sections and their Joints: Tests and FEM-Modelling. *Advanced Materials Research* , **2014**, 945-949, 1211-1215	0.5	28
311	Fire design of arch-type timber roof. *Magazine of Civil Engineering*, **2016**, 64, 26-39		28
310	Experimental Research of a Highly Compacted Soil Beds. *Applied Mechanics and Materials*, **2014**, 633-634, 1082-1085	0.3	27
309	Development of the Capital Cetinje Surrounded by of Centuries-Old Coastal Towns of the Southern Adriatic Sea. *Applied Mechanics and Materials*, **2014**, 641-642, 634-638	0.3	27
308	Central Ventilation System with Heat Recovery as One of the Measures to Upgrade Energy Efficiency of Historic Buildings. *Applied Mechanics and Materials*, **2014**, 633-634, 1077-1081	0.3	27
307	Properties of the wall structures made of autoclaved cellular concrete products on the polyurethane foam adhesive. *Magazine of Civil Engineering*, **2013**, 40, 5-19		27
306	Improved numerical methods in reliability analysis of suspension roof joints. *Magazine of Civil Engineering*, **2016**, 65, 27-41		26
305	Hybrid Photovoltaic-Diesel Energy System Optimization (Case Study of Electric Power Supply for Buildings under the Weather Conditions of Montenegro). *Applied Mechanics and Materials*, **2014**, 627, 357-364	0.3	25
304	Problems of Sub-Mountain Area Development Associated with Collapsing Loess Soils (Case of Tajikistan). *Applied Mechanics and Materials*, **2014**, 633-634, 927-931	0.3	25
303	Numerical Investigations of Notched C-Profile Compressed Members with Initial Imperfections. *Magazine of Civil Engineering*, **2016**, 62, 92-101		25
302	Evaluation of Mode II Fracture Toughness of Hybrid Fibrous Geopolymer Composites. *Materials*, **2021**, 14,	3.5	25
301	Rice Husk Ash-Based Concrete Composites: A Critical Review of Their Properties and Applications. *Crystals*, **2021**, 11, 168	2.3	25
300	Physical Modeling of Suspended Sediment Deposition in Marine Intakes of Nuclear Power Plants. *Procedia Engineering*, **2015**, 117, 32-38		24
299	Simulation of non-stationary heat transfer processes in autoclaved aerated concrete-walls. *Magazine of Civil Engineering*, **2014**, 52, 38-48		24
298	Academy of Construction for University Applicants as a Tool of University Online Marketing. *Applied Mechanics and Materials*, **2014**, 635-637, 2090-2094	0.3	23
297	Impact Performance of Steel Fiber-Reinforced Self-Compacting Concrete against Repeated Drop Weight Impact. *Crystals*, **2021**, 11, 91	2.3	23
296	Energy Consumption Modelling via Heat Balance Method For Energy Performance of a Building. *Procedia Engineering*, **2015**, 117, 786-794		22
295	Multi-Span Composite Timber Beams with Rational Steel Reinforcements. *Buildings*, **2021**, 11, 46	3.2	22

294	Production of Greener High-Strength Concrete Using Russian Quartz Sandstone Mine Waste Aggregates. *Materials*, **2020**, 13,	3.5	21
293	Highly Compacted and Reinforced Soil Beds as an Efficient Method to Build Artificial Foundation Based on Weak Soils. *Applied Mechanics and Materials*, **2014**, 680, 474-480	0.3	21
292	Analysis of the Influence of Dynamic Properties of Structures on Seismic Response According to Montenegrin and European Regulations. *Applied Mechanics and Materials*, **2014**, 633-634, 1069-1076	0.3	21
291	Development and verification of multiblock computational technologies for solution of unsteady problems of high building aerodynamics in the framework of URANS approach. *Magazine of Civil Engineering*, **2013**, 36, 103-109		20
290	Problems and methods of numerical and experimental investigation of high rise constructions aerodynamics in the coastal region "sea-land". *Magazine of Civil Engineering*, **2013**, 37, 54-61		20
289	Specifics of surface runoff contents and treatment in large cities. *Magazine of Civil Engineering*, **2014**, 50, 67-74		20
288	Palm Oil Fuel Ash-Based Eco-Efficient Concrete: A Critical Review of the Short-Term Properties. *Materials*, **2021**, 14,	3.5	20
287	The Role of the Solar Light Quantity in the Architectural Forming of Buildings. *Procedia Engineering*, **2015**, 117, 819-824		19
286	Distant Learning Course Energy Efficient Refurbishment Management *Applied Mechanics and Materials*, **2014**, 635-637, 2057-2062	0.3	19
285	Simulation of Cold-Formed Steel Beams in Global and Distortional Buckling. *Applied Mechanics and Materials*, **2014**, 633-634, 1037-1041	0.3	19
284	Energy Saving at Home. *Applied Mechanics and Materials*, **2014**, 672-674, 550-553	0.3	19
283	Numerical Modeling of Thermogravitational Convection in Air Gap of System of Rear Ventilated Facades. *Applied Mechanics and Materials*, **2014**, 672-674, 1903-1908	0.3	19
282	Double Skin Facades in Energy Efficient Design. *Applied Mechanics and Materials*, **2014**, 680, 534-538	0.3	19
281	Combined Effect of Multi-Walled Carbon Nanotubes, Steel Fibre and Glass Fibre Mesh on Novel Two-Stage Expanded Clay Aggregate Concrete against Impact Loading. *Crystals*, **2021**, 11, 720	2.3	19
280	A Critical Review on the Properties and Applications of Sulfur-Based Concrete. *Materials*, **2020**, 13,	3.5	18
279	A Relation between Function and Architectural Form in the Observers Perception. *Applied Mechanics and Materials*, **2014**, 680, 494-498	0.3	18
278	Decentralized Ventilation Systems with Exhaust Air Heat Recovery in the Case of Residential Buildings. *Applied Mechanics and Materials*, **2014**, 680, 524-528	0.3	18
277	Nonlinear oscillations of a viscoelastic cylindrical panel with concentrated masses. *MATEC Web of Conferences*, **2018**, 245, 01001	0.3	18

276	Natural Fibers as an Alternative to Synthetic Fibers in Reinforcement of Geopolymer Matrices: A Comparative Review. *Polymers*, **2021**, 13,	4.5	18
275	Suppression of the Karman vortex street and reduction in the frontal drag of a circular cylinder with two vortex cells. *Technical Physics Letters*, **2014**, 40, 653-656	0.7	17
274	The Use of Decentralized Ventilation Systems with Heat Recovery in the Historical Buildings of St. Petersburg. *Applied Mechanics and Materials*, **2014**, 635-637, 370-376	0.3	17
273	Application of Plastic Wastes in Construction Materials: A Review Using the Concept of Life-Cycle Assessment in the Context of Recent Research for Future Perspectives. *Materials*, **2021**, 14,	3.5	17
272	Renovation of Educational Buildings to Increase Energy Efficiency. *Applied Mechanics and Materials*, **2014**, 633-634, 1023-1028	0.3	16
271	Choosing the Right Type of Windows to Improve Energy Efficiency of Buildings. *Applied Mechanics and Materials*, **2014**, 633-634, 972-976	0.3	16
270	Application of Natural Zeolites for Aquatic and Air Medium Purification. *Applied Mechanics and Materials*, **2014**, 587-589, 565-572	0.3	16
269	Processes at Water Intake from Mountain Rivers into Hydropower and Irrigation Systems. *MATEC Web of Conferences*, **2016**, 73, 01006	0.3	16
268	Fine-grained concrete with combined reinforcement by different types of fibers. *MATEC Web of Conferences*, **2018**, 245, 03006	0.3	16
267	Acoustic Properties of Innovative Concretes: A Review. *Materials*, **2021**, 14,	3.5	16
266	Autodesk Revit - Key to Successful Training of Highly Qualified Civil Engineers. *Applied Mechanics and Materials*, **2015**, 725-726, 1617-1625	0.3	15
265	Heat Treatment of Basalt Fiber Reinforced Expanded Clay Concrete with Increased Strength for Cast-In-Situ Construction. *Fibers*, **2020**, 8, 67	3.7	15
264	Using the Big Bang Big Crunch Algorithm for Rational Design of an Energy-Plus Building. *Procedia Engineering*, **2015**, 117, 911-918		14
263	Development of the Ventilation System in Historical Buildings of St. Petersburg. *Applied Mechanics and Materials*, **2014**, 633-634, 977-981	0.3	14
262	Research on Industrial Exhibitions Architecture. *Applied Mechanics and Materials*, **2014**, 680, 504-509	0.3	14
261	Possible applications of clinoptilolites for natural water purification. *Magazine of Civil Engineering*, **2013**, 37, 81-88		14
260	Modification of the cast concrete mixture by air-entraining agents. *Magazine of Civil Engineering*, **2015**, 56, 3-10		14
259	To Calculation of Rectangular Plates on Periodic Oscillations. *MATEC Web of Conferences*, **2018**, 245, 01003	0.3	14

258	Some Methods of Protection of Concrete and Reinforcment of Reinforced-Concrete Foundations exposed to Environmental Impacts. *Procedia Engineering*, **2015**, 117, 419-430		13
257	Design Energy-Plus-House for the Climatic Conditions of Macedonia. *Procedia Engineering*, **2015**, 117, 766-774		13
256	Energy Efficiency of Facades at Major Repairs of Buildings. *Applied Mechanics and Materials*, **2014**, 633-634, 991-996	0.3	13
255	Centralized Natural Exhaust Ventilation Systems Use in Multi-Story Residential Buildings. *Applied Mechanics and Materials*, **2014**, 680, 529-533	0.3	13
254	Analysis of the Real Estate Market of St. Petersburg. *Applied Mechanics and Materials*, **2014**, 638-640, 2460-2464	0.3	13
253	Influence of the Geometrical Values of Hollowness on the Physicotechnical Characteristics of the Concrete Vibropressed Wall Stones. *Applied Mechanics and Materials*, **2014**, 584-586, 1381-1387	0.3	12
252	Uses of Glass in Architecture: Heat Losses of Buildings Based on Translucent Structures. *Applied Mechanics and Materials*, **2014**, 680, 481-485	0.3	12
251	PREDICTION OF BEHAVIOUR OF PRESTRESSED SUSPENSION BRIDGE WITH TIMBER DECK PANELS. *Baltic Journal of Road and Bridge Engineering*, **2017**, 12, 234-240	0.9	12
250	Computational justification for engineering measures preventing the ice dams formation on the pitched roofs. *Magazine of Civil Engineering*, **2012**, 29, 69-73		12
249	Behaviour analysis of load-bearing aluminium members. *Magazine of Civil Engineering*, **2015**, 57, 86-96		12
248	Design Efficiency, Characteristics, and Utilization of Reinforced Foamed Concrete: A Review. *Crystals*, **2020**, 10, 948	2.3	12
247	Evaluation of Deformations of Foundation Pit Structures and Surrounding Buildings during the Construction of the Second Scene of the State Academic Mariinsky Theatre in Saint-petersburg Considering Stage-by-stage Nature of Construction Process. *Procedia Engineering*, **2016**, 165, 1483-1489		12
246	Drag reduction of energy-efficient buildings and wind energy extraction due to bleeding effect. *High Temperature*, **2015**, 53, 873-876	0.8	11
245	The Mechanical Properties of Masonry Walls - Analysis of the Test Results. *Procedia Engineering*, **2015**, 117, 865-873		11
244	Risk Assessment for a Main Pipeline under Severe Soil Conditions on Exposure to Seismic Forces. *Applied Mechanics and Materials*, **2014**, 635-637, 468-471	0.3	11
243	Results of the Admission Campaign: Which is the Future Specialist in the Field of Civil Engineering?. *Applied Mechanics and Materials*, **2015**, 725-726, 1640-1645	0.3	10
242	Reducing Energy Consumption by Optimizing Thermal Losses and Measures of Energy Recovery in Preschools. *Procedia Engineering*, **2015**, 117, 919-932		10
241	Processing of Signals Produced by Strain Gauges in Testing Measurements of the Bridges. *Procedia Engineering*, **2015**, 117, 795-801		10

240	Education in the Field of Construction of Unique, High-Rise and Long-Span Buildings and Constructions. *Advanced Materials Research*, **2014**, 1065-1069, 2459-2462	0.5	10
239	Predicting the Ultimate Axial Capacity of Uniaxially Loaded CFST Columns Using Multiphysics Artificial Intelligence.. *Materials*, **2021**, 15,	3.5	10
238	Impact Response of Preplaced Aggregate Fibrous Concrete Hammerhead Pier Beam Designed with Topology Optimization. *Crystals*, **2021**, 11, 147	2.3	10
237	Primary Directions and Advancements in Competitiveness of Montenegrin Construction Sector. *Procedia Engineering*, **2015**, 117, 775-785		9
236	FACILITATING THE HOUSING BARGAINING WITH THE HELP OF THE BARGAINING DECISION SUPPORT SYSTEM. *International Journal of Strategic Property Management*, **2014**, 18, 213-224	1.9	9
235	The Safety Estimation of the Marine Pipeline. *Applied Mechanics and Materials*, **2014**, 633-634, 958-964	0.3	9
234	Analytical Methods for Determination a Load Capacity of Concrete-Filled Tubes under Axial Compression. *Applied Mechanics and Materials*, **2014**, 633-634, 965-971	0.3	9
233	Solar Power Supply in the System of Restoration and Reconstruction Remote Historic and Cultural Objects (on the Example of Montenegro). *Applied Mechanics and Materials*, **2014**, 635-637, 2029-2035	0.3	9
232	10.5937/jaes12-6161 = Nanosize scale additives mix influence on the properties of the high performance concretes. *Journal of Applied Engineering Science*, **2014**, 12, 227-232	1.2	9
231	Capacity to Develop Recycled Aggregate Concrete in South East Asia. *Buildings*, **2021**, 11, 234	3.2	9
230	Investigation of different materials usage expediency for a low-rise public building from the energy efficiency standpoint. *IOP Conference Series: Materials Science and Engineering*, **2018**, 365, 022014	0.4	9
229	Analysis of the mode of squeezing out excess water for mixing concrete mixture in the process of peristaltic compaction. *IOP Conference Series: Materials Science and Engineering*,1030, 012021	0.4	9
228	Distance Learning System Moodle for Training of Specialists in the Field of Civil Engineering. *Applied Mechanics and Materials*, **2015**, 725-726, 1611-1616	0.3	8
227	Structural Behavior of Fibrous-Ferrocement Panel Subjected to Flexural and Impact Loads. *Materials*, **2020**, 13,	3.5	8
226	Strength and Durability of Thin-Walled Cross-Sections **2013**, 165-170		8
225	Experimental Study on Self Compacting Fibrous Concrete Comprising Magnesium Sulphate Solution Treated Recycled Aggregates.. *Materials*, **2022**, 15,	3.5	8
224	Forecasting Strength of CFRP Confined Concrete Using Multi Expression Programming. *Materials*, **2021**, 14,	3.5	8
223	Thermal Performance of Structural Lightweight Concrete Composites for Potential Energy Saving. *Crystals*, **2021**, 11, 461	2.3	8

222	Design Strategy for Recycled Aggregate Concrete: A Review of Status and Future Perspectives. *Crystals*, **2021**, 11, 695	2.3	8
221	Analysis of Precision of Geodetic Instruments for Investigating Vertical Displacement of Structures. *Procedia Engineering*, **2016**, 165, 906-917		8
220	Landscape Interventions and Appreciations with Program Software RO. *Procedia Engineering*, **2016**, 165, 918-925		8
219	Wave Theory of Seismic Resistance of Underground Pipelines. *Applied Sciences (Switzerland)*, **2021**, 11, 1797	2.6	8
218	Kabul River Flow Prediction Using Automated ARIMA Forecasting: A Machine Learning Approach. *Sustainability*, **2021**, 13, 10720	3.6	8
217	Long-term durability properties of geopolymer concrete: An in-depth review. *Case Studies in Construction Materials*, **2021**, 15, e00661	2.7	8
216	Predictive Modeling of Mechanical Properties of Silica Fume-Based Green Concrete Using Artificial Intelligence Approaches: MLPNN, ANFIS, and GEP.. *Materials*, **2021**, 14,	3.5	8
215	Modeling of Mechanical Properties of Silica Fume-Based Green Concrete Using Machine Learning Techniques.. *Polymers*, **2021**, 14,	4.5	8
214	Crack Formation in Cement-Based Composites. *IOP Conference Series: Materials Science and Engineering*, **2016**, 123, 012050	0.4	7
213	Logistics in the Function of Customer Service Relevance for the Engineering Management. *Procedia Engineering*, **2015**, 117, 802-807		7
212	Hydraulic Method and a Device of Fish Protection at Water-Intake from the Mountain Rivers. *Applied Mechanics and Materials*, **2014**, 641-642, 353-358	0.3	7
211	Application of the Risk Theory to Management Reliability of the Pipeline. *Applied Mechanics and Materials*, **2014**, 635-637, 434-438	0.3	7
210	Optimization of Microclimate in Residential Buildings. *Applied Mechanics and Materials*, **2014**, 680, 459-466	0.3	7
209	Humidity Conditions of Homogeneous Wall from Gas-Concrete Blocks with Finishing Plaster Compounds. *Applied Mechanics and Materials*, **2014**, 670-671, 349-354	0.3	7
208	The Method to Determine Sites and Facilities for Wind-Diesel Power Plants Construction. *Applied Mechanics and Materials*, **2014**, 680, 510-516	0.3	7
207	Gas Dynamics in a Counterflow Cyclone with Conical Nozzles on the Exhaust Pipe. *Applied Mechanics and Materials*, **2014**, 635-637, 17-21	0.3	7
206	Palm Oil Fuel Ash-Based Eco-Friendly Concrete Composite: A Critical Review of the Long-Term Properties. *Materials*, **2021**, 14,	3.5	7
205	Possible rapid method for the determination of concrete's frost resistance. *Journal of Applied Engineering Science*, **2015**, 13, 11-18	1.2	7

204	Architectural building aerodynamics of tall structures with the bleeding effect and wind energy selection		7
203	Development of Bacterium for Crack Healing and Improving Properties of Concrete under Wet–Dry and Full-Wet Curing. *Sustainability*, **2020**, 12, 10346	3.6	7
202	Increase the Performances of Lime Finishing Mixes Due to Modification with Calcium Silicate Hydrates. *Crystals*, **2021**, 11, 399	2.3	7
201	Long-Term Properties of Different Fiber Reinforcement Effect on Fly Ash-Based Geopolymer Composite. *Crystals*, **2021**, 11, 760	2.3	7
200	Composite Concrete Modifier CM 02-10 and Its Impact on the Strength Characteristics of Concrete. *MATEC Web of Conferences*, **2016**, 53, 01022	0.3	7
199	The Influence of Configuration on to the Seismic Resistance of a Building. *Procedia Engineering*, **2016**, 165, 883-890		7
198	Response of Novel Functionally-Graded Prepacked Aggregate Fibrous Concrete against Low Velocity Repeated Projectile Impacts. *Materials*, **2021**, 14,	3.5	7
197	Application of Soft Computing Techniques to Predict the Strength of Geopolymer Composites.. *Polymers*, **2022**, 14,	4.5	7
196	Masonry Construction Remedial Measures in Case of a Multi-Story Housing Facility Caused by Floor Extension Process. *Procedia Engineering*, **2015**, 117, 502-515		6
195	Dimensioning of the Speed-Transition Lanes at the Entering Ramps on the Motorway and Urban Road Intersections. *Procedia Engineering*, **2015**, 117, 544-550		6
194	Studying Humidity Conditions in the Design of Building Envelopes of "Passive House" (in the case of Serbia). *Procedia Engineering*, **2015**, 117, 859-864		6
193	Planning of the Traffic System in Urban Environments. *Procedia Engineering*, **2015**, 117, 574-579		6
192	Influence of Plasticizing and Siliceous Additives on the Strength Characteristics of Concrete. *Applied Mechanics and Materials*, **2015**, 725-726, 461-468	0.3	6
191	Testing of the Mechanical Properties of Masonry Walls – Determination of Compressive Strength. *Applied Mechanics and Materials*, **2015**, 725-726, 410-418	0.3	6
190	Analysis of the Situation in Montenegrin Civil Engineering Sector from the Point of Application of National Regulations and the EU Technical Standards in Construction. *Procedia Engineering*, **2015**, 117, 900-910		6
189	Study of Integrity and Interaction of a Non-Buried Marine Subsea Pipeline with Soil. *Applied Mechanics and Materials*, **2014**, 633-634, 1042-1046	0.3	6
188	BIM-Technology in Architectural Design. *Advanced Materials Research*, **2014**, 1065-1069, 2611-2614	0.5	6
187	Neogothic Public and Industrial Buildings in the Russian Empire XIX Century. *Advanced Materials Research*, **2014**, 1065-1069, 2669-2673	0.5	6

186	Autonomous Systems of Solar Energy Supply under the Weather Conditions of Montenegro. *Applied Mechanics and Materials*, **2014**, 680, 486-493	0.3	6
185	Nonstationary Thermal Conduction through the Building Envelope. *Applied Mechanics and Materials* , **2014**, 670-671, 365-369	0.3	6
184	Concrete with Partial Substitution of Waste Glass and Recycled Concrete Aggregate.. *Materials*, **2022**, 15,	3.5	6
183	Effect of Needle Type, Number of Layers on FPAFC Composite against Low-Velocity Projectile Impact. *Buildings*, **2021**, 11, 668	3.2	6
182	FE Modelling and Analysis of Beam Column Joint Using Reactive Powder Concrete. *Crystals*, **2021**, 11, 1372	2.3	6
181	Installation errors in calculating large-panel buildings. *Magazine of Civil Engineering*, **2011**, 24, 35-40		6
180	10.5937/jaes12-6162 = Solar power supply for remote objects of historical heritage in Montenegro. *Journal of Applied Engineering Science*, **2014**, 12, 277-284	1.2	6
179	10.5937/jaes12-6552 = Calculation of payback period mineral wool with longitudinal fibers of ITE PARISO (PAREXLANKO). *Journal of Applied Engineering Science*, **2014**, 12, 207-216	1.2	6
178	Modified Falling Mass Impact Test Performance on Functionally Graded Two Stage Aggregate Fibrous Concrete. *Materials*, **2021**, 14,	3.5	6
177	Structural Upgrading of Steel Columns for Overhead Power Lines. *Procedia Engineering*, **2016**, 165, 876-882		6
176	Rheological Behavior and Strength Characteristics of Cement Paste and Mortar with Fly Ash and GGBS Admixtures. *Sustainability*, **2021**, 13, 9600	3.6	6
175	Recycled PET Sand for Cementitious Mortar.. *Materials*, **2021**, 15,	3.5	6
174	Analysis of the Masonry Structure Calculation with Vertical Ring Beams According to European Standards. *Applied Mechanics and Materials*, **2015**, 725-726, 111-117	0.3	5
173	Construction of Road Embankment with Waste Materials. *Applied Mechanics and Materials*, **2015**, 725-726, 596-601	0.3	5
172	The Benefits of Authorized Training Center Autodesk for Higher Education Institutions. *Applied Mechanics and Materials*, **2015**, 725-726, 1626-1633	0.3	5
171	The Results of Experimental Determination of Air Output and Velocity of Flow in Double Skin Facades. *Applied Mechanics and Materials*, **2015**, 725-726, 93-99	0.3	5
170	Designing of Rehabilitations of Urban and Non-urban Roads. *Procedia Engineering*, **2015**, 117, 568-573		5
169	Glazing Design for Exhibition Pavilions Based on Translucent Structures under Winter Conditions during Cold Periods. *Applied Mechanics and Materials*, **2014**, 680, 499-503	0.3	5

168	Pipelines Stability under Extreme Hydrodynamic Conditions. *Applied Mechanics and Materials*, **2014**, 635-637, 451-456	0.3	5
167	Cable truss topology optimization for prestressed long-span structure **2015**, 363-367		5
166	Numerical modelling the three-dimensional velocity field in the cyclone. *Magazine of Civil Engineering*, **2011**, 23, 5-9		5
165	Partially rib precast and cast-in-situ floors with cellular-concrete blocks. *Magazine of Civil Engineering*, **2011**, 24, 50-55		5
164	Experimental Investigation and Image Processing to Predict the Properties of Concrete with the Addition of Nano Silica and Rice Husk Ash. *Crystals*, **2021**, 11, 1230	2.3	5
163	Nano- and Micro-Modification of Building Reinforcing Bars of Various Types. *Crystals*, **2021**, 11, 323	2.3	5
162	Effect of an Aluminosilicate Disperse Additive on Behaviors of Autoclave Silicate Materials. *Buildings*, **2021**, 11, 239	3.2	5
161	Elaboration of the Method for Safety Assessment of Subsea Pipeline with Longitudinal Buckling. *Advances in Civil Engineering*, **2016**, 2016, 1-5	1.3	5
160	Dynamic Control Method of Design Terms in Underground Construction. *Procedia Engineering*, **2016**, 165, 1918-1924		5
159	Feasibility of Reducing Electricity Consumption of Air Conditioning Equipment by Condenser Direct Evaporative Cooling Technology. Example of Case Study in Dubai. *Atmosphere*, **2021**, 12, 1205	2.7	5
158	Complex Testing and Rehabilitation Measures of the Bridges (Example of Road Bridge Across the South Morava, Serbia). *Applied Mechanics and Materials*, **2015**, 725-726, 896-902	0.3	4
157	Improvement of the Double Skin Facades. *Applied Mechanics and Materials*, **2015**, 725-726, 41-48	0.3	4
156	Local Buckling of Cold-Formed Steel Members with Edge Stiffened Holes. *Applied Mechanics and Materials*, **2015**, 725-726, 697-702	0.3	4
155	The Brickwork Joints Effect on the Thermotechnical Uniformity of the Exterior Walls from Gas-Concrete Blocks. *Applied Mechanics and Materials*, **2015**, 725-726, 3-8	0.3	4
154	Heat Balance Method Application in Building Energy Performance Simulation. *Applied Mechanics and Materials*, **2015**, 725-726, 1572-1579	0.3	4
153	Dynamic stability of viscoelastic orthotropic shells with concentrated mass. *IOP Conference Series: Materials Science and Engineering*, **2020**, 890, 012042	0.4	4
152	Railway Gauge Expansion in Small Radius Curvature. *Procedia Engineering*, **2015**, 117, 841-848		4
151	Dynamic Homogeneity and Functional Dependence on the Number of Traffic Accidents, the Role in Urban Planning. *Procedia Engineering*, **2015**, 117, 551-558		4

150	The Water Intake Facility for Diversion HPPs in Winter Operation Conditions in an Urban Area. *Procedia Engineering*, **2015**, 117, 369-375		4
149	Ensuring the Reliability of Earth Dams in Complex Hydrogeological Conditions. *Applied Mechanics and Materials*, **2015**, 725-726, 342-348	0.3	4
148	An Impact of Carbon Nanostructured Additives on the Kinetics of Cement Hydration. *Applied Mechanics and Materials*, **2015**, 725-726, 425-430	0.3	4
147	The Sustainable Strategy of Obsolete Building Conversion to Residential Uses. *Applied Mechanics and Materials*, **2015**, 725-726, 1199-1205	0.3	4
146	Reconstruction of Khrushev Buildings of Series 1-528. *Applied Mechanics and Materials*, **2014**, 633-634, 1018-1022	0.3	4
145	Low-Shrinkage Alcohol Cement Concrete. *Applied Mechanics and Materials*, **2014**, 633-634, 917-921	0.3	4
144	Choosing Plastering Machines and Dry Mortars for Plastering Mechanized Way. *Applied Mechanics and Materials*, **2014**, 635-637, 324-328	0.3	4
143	Residual Impact Performance of ECC Subjected to Sub-High Temperatures.. *Materials*, **2022**, 15,	3.5	4
142	Flexural Strength of Concrete Beam Reinforced with CFRP Bars: A Review.. *Materials*, **2022**, 15,	3.5	4
141	Determination of welding spark parameters for cyclone efficiency calculation. *Magazine of Civil Engineering*, **2011**, 23, 25-30		4
140	Improving the Early Properties of Treated Soft Kaolin Clay with Palm Oil Fuel Ash and Gypsum. *Sustainability*, **2021**, 13, 10910	3.6	4
139	Structural Performance of Shear Loaded Precast EPS-Foam Concrete Half-Shaped Slabs. *Sustainability*, **2020**, 12, 9679	3.6	4
138	Slug Regime Transitions in a Two-Phase Flow in Horizontal Round Pipe. CFD Simulations. *Applied Sciences (Switzerland)*, **2020**, 10, 8739	2.6	4
137	Combined Functionalization of Carbon Nanotubes (CNT) Fibers with H2SO4/HNO3 and Ca(OH)2 for Addition in Cementitious Matrix. *Fibers*, **2021**, 9, 14	3.7	4
136	The Comparison of Measuring and Computing Results of Construction Vertical Displacement. *Procedia Engineering*, **2016**, 165, 926-935		4
135	The Vertical Displacement Measurement of Concrete Plates with Special Emphasis on Rough Error. *Procedia Engineering*, **2016**, 165, 936-946		4
134	Experimental Investigation on Composite Deck Slab Made of Cold-Formed Profiled Steel Sheeting. *Metals*, **2021**, 11, 229	2.3	4
133	Sound-Absorbing Acoustic Concretes: A Review. *Sustainability*, **2021**, 13, 10712	3.6	4

132	Polymers under Load and Heating Deformability: Modelling and Predicting. *Polymers*, **2021**, 13,	4.5	4
131	A Sustainable Reuse of Agro-Industrial Wastes into Green Cement Bricks.. *Materials*, **2022**, 15,	3.5	4
130	Impact Resistance of Functionally Layered Two-Stage Fibrous Concrete. *Fibers*, **2021**, 9, 88	3.7	4
129	Artificial Neural Network-Forecasted Compression Strength of Alkaline-Activated Slag Concretes. *Sustainability*, **2022**, 14, 5214	3.6	4
128	Rating Energy Efficiency and Sustainability of Buildings by International Standards. *Applied Mechanics and Materials*, **2015**, 725-726, 1434-1444	0.3	3
127	Strength Evaluation of a Linear Extended Structure on a Statically Inhomogeneous Foundation. *Applied Mechanics and Materials*, **2015**, 725-726, 703-709	0.3	3
126	Calculation Method of Justification of Technical Actions for Prevention of Ice Dams Formation on Buildings with a Pitched Roof. *Applied Mechanics and Materials*, **2015**, 725-726, 9-14	0.3	3
125	Heterogeneous Shrinkage of High-Strength Concrete by the Volume of Large-Size Structural Elements. *Applied Mechanics and Materials*, **2015**, 723, 445-450	0.3	3
124	Reticular-Stretched Thermo-Profile: Buckling of the Perforated Web as a Single Plate. *Applied Mechanics and Materials*, **2015**, 725-726, 722-727	0.3	3
123	Empirical-Statical-Dynamical (ESD) Methodology for Extrapolation of Rock Mass Properties for Construction of Tunnels. *Applied Mechanics and Materials*, **2015**, 725-726, 349-354	0.3	3
122	Cellular Automata in Modeling of Porous Building Materials and Solis Porous Media. *Procedia Engineering*, **2015**, 117, 655-662		3
121	Composite helical micro pile bearing capacity. *IOP Conference Series: Materials Science and Engineering*, **2020**, 890, 012037	0.4	3
120	The Role of the State and Citizens to Improve Energy Efficiency. *Applied Mechanics and Materials*, **2015**, 725-726, 1493-1498	0.3	3
119	Stress-Deformation State in the Rock Massif (Illustrated with the Example of Macedonia). *Applied Mechanics and Materials*, **2015**, 725-726, 214-219	0.3	3
118	Property Changes of Thermal Insulation Material due to the Effects of Environmental Conditions. *Applied Mechanics and Materials*, **2015**, 725-726, 454-460	0.3	3
117	Advanced Method for Semi-Rigid Joints Design. *Applied Mechanics and Materials*, **2015**, 725-726, 710-715	0.3	3
116	Preparation, Installation and Signal Processing of Strain Gauges in Bridge Load Testing. *Applied Mechanics and Materials*, **2015**, 725-726, 903-912	0.3	3
115	Models of Landscape Shaping in Exploited Quarries of Urban Area. *Procedia Engineering*, **2015**, 117, 609-615		3

114	Energy Efficiency and Energy Audit: The Experience of the Russian Federation and the Republic of Belarus. *Advanced Materials Research*, **2014**, 1065-1069, 2159-2162	0.5	3
113	Text Analytics for Android Project. *Procedia Economics and Finance*, **2014**, 18, 610-617		3
112	The Liberty Style-Italian Art Nouveau Architecture. *Advanced Materials Research*, **2014**, 1065-1069, 2681-2685	0.5	3
111	Real Estate Abroad: How to Make the Right Choice. *Applied Mechanics and Materials*, **2014**, 670-671, 1612-1615	0.3	3
110	Russian Sections at World and International Fairs. *Advanced Materials Research*, **2014**, 1065-1069, 2674-2680	0.5	3
109	An energy audit of kindergartens to improve their energy efficiency **2015**, 305-308		3
108	The Effect of Superabsorbent Polymer and Nano-Silica on the Properties of Blended Cement. *Crystals*, **2021**, 11, 1394	2.3	3
107	Obtaining and Properties of a Photocatalytic Composite Material of the "SiO-TiO" System Based on Various Types of Silica Raw Materials. *Nanomaterials*, **2021**, 11,	5.4	3
106	Stress Intensity Factor of Reinforced Concrete Beams in Bending. *Buildings*, **2021**, 11, 287	3.2	3
105	Examination of the Basement of Historic Buildings in Investment Activity. *MATEC Web of Conferences*, **2016**, 73, 01007	0.3	3
104	A Step towards Concrete with Partial Substitution of Waste Glass (WG) in Concrete: A Review.. *Materials*, **2022**, 15,	3.5	3
103	The Effect of Low-Modulus Plastic Fiber on the Physical and Technical Characteristics of Modified Heavy Concretes Based on Polycarboxylates and Microsilica.. *Materials*, **2022**, 15,	3.5	3
102	Enhancing the Impact Strength of Prepacked Aggregate Fibrous Concrete Using Asphalt-Coated Aggregates.. *Materials*, **2022**, 15,	3.5	3
101	Impact Resistance of Polypropylene Fibre-Reinforced Alkali-Activated Copper Slag Concrete.. *Materials*, **2021**, 14,	3.5	3
100	Drop Weight Impact Test on Prepacked Aggregate Fibrous Concrete-An Experimental Study.. *Materials*, **2022**, 15,	3.5	3
99	Flexural Behaviour of Hybrid Fibre-Reinforced Ternary Blend Geopolymer Concrete Beams. *Sustainability*, **2022**, 14, 5954	3.6	3
98	Fire Safeguards of Plastbau Construction. *Applied Mechanics and Materials*, **2015**, 725-726, 138-145	0.3	2
97	Increase the Energy Efficiency of the Multi-Story Apartment Building. *Applied Mechanics and Materials*, **2015**, 725-726, 1395-1401	0.3	2

96	Analysis of Track Gauge Widening in Curves with Small Radius. *Applied Mechanics and Materials*, **2015**, 725-726, 967-973	0.3	2
95	Calibration of the Crack Initiation Model in HDM 4 on the Highways and Primary Urban Streets Network in Macedonia. *Procedia Engineering*, **2015**, 117, 559-567		2
94	Application of Styrofoam in the Elements of Building Constructions. *Applied Mechanics and Materials*, **2015**, 725-726, 396-402	0.3	2
93	Structural Design of Energy Efficient Buildings Using Multi-Objective BB-BC Algorithm. *Applied Mechanics and Materials*, **2015**, 725-726, 1544-1551	0.3	2
92	Modern Architecture of World's Libraries. *Advanced Materials Research*, **2014**, 1065-1069, 2622-2625	0.5	2
91	Definition of the Overturning and Holding Moments for Floor-by-Floor Leaning Walls Made from Aerated Concrete Blocks. *Applied Mechanics and Materials*, **2014**, 633-634, 897-903	0.3	2
90	Exhibition Pavilions Car Showrooms Based on Translucent Structures: Providing Microclimatic Comfort for Clients. *Applied Mechanics and Materials*, **2014**, 680, 467-473	0.3	2
89	Using Plastering Machines to Improve the Efficiency of Finishing Works. *Applied Mechanics and Materials*, **2014**, 635-637, 2049-2053	0.3	2
88	Method of Numerical Simulation of a Centrifugal Separator for Cleaning Petroleum Products. *Applied Mechanics and Materials*, **2014**, 680, 354-358	0.3	2
87	Mechanical Properties of High-Performance Hybrid Fibre-Reinforced Concrete at Elevated Temperatures. *Sustainability*, **2021**, 13, 13392	3.6	2
86	Modular Green Roofs for the Sustainability of the Built Environment: The Installation Process. *Sustainability*, **2021**, 13, 13749	3.6	2
85	Pedestrian bridge monitoring using terrestrial laser scanning **2015**, 67-72		2
84	Prolonged Thermal Relaxation of the Thermosetting Polymers. *Polymers*, **2021**, 13,	4.5	2
83	Buckling force of the thin-walled cross-sections and shear resistance of their joints: tests and FEM-modelling		2
82	Soil Injection Technology Using an Expandable Polyurethane Resin: A Review. *Polymers*, **2021**, 13,	4.5	2
81	Thermal Behavior and Energy Efficiency of Modified Concretes in the Tropical Climate: A Systemic Review. *Sustainability*, **2021**, 13, 11957	3.6	2
80	Comparison of Thermal Insulation Characteristics of PIR, Mineral Wool, Carbon Fiber, and Aerogel. *Advances in Intelligent Systems and Computing*, **2019**, 877-883	0.4	2
79	Granular Aggregates Based on Finely Dispersed Substandard Raw Materials. *Crystals*, **2021**, 11, 369	2.3	2

78	The Stress–Strain State of Three-Layer Precast Flexural Concrete Enclosure Structures with the Contact Interlayers. *Buildings*, **2021**, 11, 88	3.2	2
77	Impact of Groundwater Level Change on Natural Frequencies of RC Buildings. *Buildings*, **2021**, 11, 265	3.2	2
76	Self-Healing Construction Materials: The Geomimetic Approach. *Sustainability*, **2021**, 13, 9033	3.6	2
75	Replacing E-waste with coarse aggregate in architectural engineering and construction industry. *Materials Today: Proceedings*, **2022**, 56, 2353-2358	1.4	2
74	Climate-Adaptive Façades with an Air Chamber. *Buildings*, **2022**, 12, 366	3.2	2
73	Predicting the Splitting Tensile Strength of Recycled Aggregate Concrete Using Individual and Ensemble Machine Learning Approaches. *Crystals*, **2022**, 12, 569	2.3	2
72	Prediction of Compressive Strength of Sustainable Foam Concrete Using Individual and Ensemble Machine Learning Approaches.. *Materials*, **2022**, 15,	3.5	2
71	Response of Functionally Graded Preplaced Aggregate Fibrous Concrete with Superior Impact Strength. *Buildings*, **2022**, 12, 563	3.2	2
70	Improvement in Durability and Mechanical Performance of Concrete Exposed to Aggressive Environments by Using Polymer. *Materials*, **2022**, 15, 3751	3.5	2
69	A Review on Principles, Theories and Materials for Self Sensing Concrete for Structural Applications. *Materials*, **2022**, 15, 3831	3.5	2
68	Energy Efficiency of Single-Family Houses in Serbia and Montenegro: Strategy for Upgrading the Performance of Existing Stock. *Applied Mechanics and Materials*, **2015**, 725-726, 1486-1492	0.3	1
67	Elasto-Plastic Stability Analysis of the Frame Structures Using the Tangent Modulus Approach. *Applied Mechanics and Materials*, **2015**, 725-726, 869-874	0.3	1
66	Analysis of Compatibility of Contemporary Residential Housing in Nis with Current Standards in the Republic of Serbia. *Applied Mechanics and Materials*, **2015**, 725-726, 1244-1251	0.3	1
65	Energy-Plus House for the Climatic Conditions of Macedonia. *Applied Mechanics and Materials*, **2015** , 725-726, 1512-1518	0.3	1
64	Possibilities of Implementing Customer Relationship Management in the Function of Improving the Competitiveness of the Civil Engineering Sector. *Applied Mechanics and Materials*, **2015**, 725-726, 977-983	0.3	1
63	Prestressed Cladding Elements for Tensioned Structures. *Applied Mechanics and Materials*, **2015**, 725-726, 716-721	0.3	1
62	Development of Energy-Saving Measures for the Multi-Story Apartment Buildings. *Applied Mechanics and Materials*, **2015**, 725-726, 1408-1416	0.3	1
61	The Increase of the Thermal Shielding Level for a Residence Building of 1-528 KP Series. *Applied Mechanics and Materials*, **2015**, 725-726, 1402-1407	0.3	1

60	Geodetic Measurement of Vertical Displacements (Illustrated with the Slovenian Viaduct). *Applied Mechanics and Materials*, **2015**, 725-726, 913-921	0.3	1
59	Energy-Efficient Modernization of the Nobel Mansion in Saint Petersburg: Solar Energy Supply Potential. *Applied Mechanics and Materials*, **2015**, 725-726, 1505-1511	0.3	1
58	Institutional Framework, Current Investments and Future Strategic Direction for Development of Construction Sector in Montenegro. *Procedia Engineering*, **2015**, 117, 637-645		1
57	Impregnating Compound for Cement-Concrete Road Pavement. *Crystals*, **2022**, 12, 161	2.3	1
56	Experimental Investigation on Geopolymer Concrete with Various Sustainable Mineral Ashes.. *Materials*, **2021**, 14,	3.5	1
55	Axial Behavior of Concrete-Filled Double-Skin Tubular Stub Columns Incorporating PVC Pipes. *Crystals*, **2021**, 11, 1434	2.3	1
54	Assessing Rainwater Harvesting Potential in Urban Areas: A Building Information Modelling (BIM) Approach. *Sustainability*, **2021**, 13, 12583	3.6	1
53	Modified Lime Binders for Restoration Work. *Buildings*, **2021**, 11, 98	3.2	1
52	Reinforcement of Flexural Members with Basalt Fiber Mortar. *Fibers*, **2021**, 9, 26	3.7	1
51	Environmental Impact of District Heating System Retrofitting. *Atmosphere*, **2021**, 12, 1110	2.7	1
50	Predicting the Lateral Load Carrying Capacity of Reinforced Concrete Rectangular Columns: Gene Expression Programming.. *Materials*, **2022**, 15,	3.5	1
49	Numerical Modelling of Geopolymer Concrete In-Filled Fibre-Reinforced Polymer Composite Columns Subjected to Axial Compression Loading.. *Materials*, **2022**, 15,	3.5	1
48	Artificial Neural Network with a Cross-Validation Technique to Predict the Material Design of Eco-Friendly Engineered Geopolymer Composites. *Materials*, **2022**, 15, 3443	3.5	1
47	Barriers to Digital Technology Deployment in Value Management Practice. *Buildings*, **2022**, 12, 731	3.2	1
46	Behaviour of Hybrid Fibre-Reinforced Ternary Blend Geopolymer Concrete Beam-Column Joints under Reverse Cyclic Loading. *Polymers*, **2022**, 14, 2239	4.5	1
45	Repeated Drop-Weight Impact Testing of Fibrous Concrete: State-Of-The-Art Literature Review, Analysis of Results Variation and Test Improvement Suggestions. *Materials*, **2022**, 15, 3948	3.5	1
44	The Role of Water in City Center, through Location of Rakitje *Procedia Engineering*, **2015**, 117, 849-858		0
43	Bending of Laminated Composite Plates. *Applied Mechanics and Materials*, **2015**, 725-726, 667-673	0.3	0

42	Mathematical Model of Deformation of the River Channel in the Area of the Damless Water Intake. *Lecture Notes in Civil Engineering*, **2022**, 1-15	0.3	0
41	Concrete filled double steel tube columns incorporating UPVC pipes under uniaxial compressive load at ambient and elevated temperature. *Case Studies in Construction Materials*, **2022**, 16, e00907	2.7	0
40	Structure and Content Analysis of Raw Materials for Production of Trimanganese Tetraoxide Pigment. *Crystals*, **2021**, 11, 1460	2.3	0
39	Prediction of Pore Volume Dispersion and Microstructural Characteristics of Concrete Using Image Processing Technique. *Crystals*, **2021**, 11, 1476	2.3	0
38	Dynamic Stability of Orthotropic Viscoelastic Rectangular Plate of an Arbitrarily Varying Thickness. *Applied Sciences (Switzerland)*, **2021**, 11, 6029	2.6	0
37	Irrigation sedimentation tanks in the bed of the pumping station inlet channels. *E3S Web of Conferences*, **2021**, 274, 03004	0.5	0
36	Neural Network Prediction of Slurry Erosion Wear of Ni-WC Coated Stainless Steel 420. *Metals*, **2022**, 12, 706	2.3	0
35	Machine Learning for Prediction of Heat Pipe Effectiveness. *Energies*, **2022**, 15, 3276	3.1	0
34	Assessment of Strength and Durability Properties of Self-Compacting Concrete Comprising Alccofine. *Sustainability*, **2022**, 14, 5895	3.6	0
33	An ultra-lightweight cellular concrete for geotechnical applications – A review. *Case Studies in Construction Materials*, **2022**, 16, e01096	2.7	0
32	Estimating the Axial Compression Capacity of Concrete-Filled Double-Skin Tubular Columns with Metallic and Non-Metallic Composite Materials. *Materials*, **2022**, 15, 3567	3.5	0
31	Retrofitting RC beams using high-early strength alkali-activated concrete. *Case Studies in Construction Materials*, **2022**, 17, e01194	2.7	0
30	Performance of Steel-Bolt-Connected Industrialized Building System Frame Subjected to Hydrodynamic Force. *Applied Sciences (Switzerland)*, **2022**, 12, 5093	2.6	0
29	Experimental and Analytical Modeling of Flexural Impact Strength of Preplaced Aggregate Fibrous Concrete Beams. *Materials*, **2022**, 15, 3857	3.5	0
28	Comprehensive Self-Healing Evaluation of Asphalt Concrete Containing Encapsulated Rejuvenator. *Materials*, **2022**, 15, 3672	3.5	0
27	Life Cycle Saving Analysis of an Earth-Coupled Building without and with Roof Evaporative Cooling for Energy Efficient Potato Storage Application. *Energies*, **2022**, 15, 4076	3.1	0
26	Azerbaijan Hamam, the History and Restoration Specifics. *Applied Mechanics and Materials*, **2015**, 725-726, 1079-1083	0.3	
25	Experimental Testing of Retaining Walls of Precast Elements. *Applied Mechanics and Materials*, **2015**, 725-726, 168-175	0.3	

24	Prodrome in Experimental Investigation the Thermal Shielding Systems in Enclosure Structures. *Applied Mechanics and Materials*, **2015**, 725-726, 34-40	0.3
23	Characteristic and Application of Facade System Polialpan. *Applied Mechanics and Materials*, **2015**, 725-726, 80-86	0.3
22	William Richard Lethaby Architecture, Mysticism and Myth. *Applied Mechanics and Materials*, **2015**, 725-726, 1084-1089	0.3
21	Reconstruction of Apartment in the Meltzers Apartment House. *Applied Mechanics and Materials*, **2015**, 725-726, 1165-1170	0.3
20	Revitalization as the Principle of Architectural Heritage Protection Case Study of Serbia and Russia. *Applied Mechanics and Materials*, **2015**, 725-726, 1072-1078	0.3
19	Ice Regime for Basins and Pumped-Storage Facilities. *Applied Mechanics and Materials*, **2015**, 725-726, 270-284	0.3
18	Deterministic and Probabilistic Approach of Capacity of the Elements of a Lattice Gird. *Applied Mechanics and Materials*, **2015**, 725-726, 881-887	0.3
17	The Influence of the Thermal-Insulating Properties of External Enclosure Structures on the Energy and Opportunity Costs. *Applied Mechanics and Materials*, **2015**, 725-726, 1381-1388	0.3
16	Evolution of Application of Neogothic Forms in the Russian Architecture of the XVIII-XIX Centuries. *Applied Mechanics and Materials*, **2015**, 725-726, 1192-1198	0.3
15	Using ANN in Process of Seismic Damage Prediction for Residential Buildings. *Applied Mechanics and Materials*, **2015**, 725-726, 160-167	0.3
14	Daylight Factor Analysis for Different Types of Static Shading Devices: Case Study Location in Podgorica. *Applied Mechanics and Materials*, **2015**, 725-726, 1150-1157	0.3
13	propos dne dysphagie haute. *Annales Francaises DOto-Rhino-Laryngologie Et De Pathologie Cervico-Faciale*, **2015**, 132, 159-160	0
12	Decentralization as a Cause of Spatial Segregation. *Applied Mechanics and Materials*, **2015**, 725-726, 1134-1140	0.3
11	Thermal Insulation Features of Residential Historical Buildings in the Case of Saint-Petersburg. *Applied Mechanics and Materials*, **2015**, 725-726, 1477-1485	0.3
10	Novice Methodology in Preserving Prestressed Cables by Injection of a Special Gel. *Applied Mechanics and Materials*, **2015**, 725-726, 584-589	0.3
9	Analysis of Behavior of a Lattice Girder According to Theory of Plasticity with Link Elements. *Applied Mechanics and Materials*, **2015**, 725-726, 559-565	0.3
8	Orientational Reaction as a Way of Adjusting to Space. *Applied Mechanics and Materials*, **2015**, 725-726, 1120-1127	0.3
7	Climate Changes in the Light of Relation between Highly Developed Countries and the Rest of the World. *Applied Mechanics and Materials*, **2015**, 725-726, 1530-1536	0.3

6	Passive Solar Heating: Its Role in Architectural Shaping. *Applied Mechanics and Materials*, **2015**, 725-726, 1552-1556	0.3
5	The Study of Humidity Conditions of the Outer Walls of a "Passive House" for the Climatic Conditions of Serbia, City Nis. *Applied Mechanics and Materials*, **2015**, 725-726, 1557-1563	0.3
4	Wood and Steel Rope: A Rational Combination in Floor Beams. *Lecture Notes in Civil Engineering*, **2022**, 447-462	0.3
3	Nonlinear Vibrations of an Orthotropic Viscoelastic Rectangular Plate Under Periodic Loads. *Lecture Notes in Civil Engineering*, **2022**, 139-147	0.3
2	Dynamic Stability of Viscoelastic Orthotropic Rectangular Plate with Variable Thickness Under Periodic Loads. *Lecture Notes in Civil Engineering*, **2021**, 546-554	0.3
1	Effect of polydisperse reinforcement on the fresh and physical-mechanical properties of self-compacting concrete. *Case Studies in Construction Materials*, **2022**, e01188	2.7