Barbora NeÄasovÃ¡

List of Publications by Year
in descending order

28 papers	87 citations	1684188 5 h-index	1588992 8 g-index
30 all docs	30 docs citations	30 times ranked	76 citing authors

#	Article	IF	Citations
1	Effect of adhesive joint stiffness on optimal size of large-format cladding comparison of artificial and real environment. International Journal of Adhesion and Adhesives, 2020, 98, 102489.	2.9	3
2	Long adhesive joints in faÃ§ade applications exposed to wind suction. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2020, 234, 488-498.	2.5	2
3	Research Summary on Characterizing Impact of Environment on Adhesion of Sealed Joints in FaÃ§ade Applications. Materials, 2020, 13, 4847.	2.9	2
4	Impact of manufacturing imperfections and surface defects on stressâ€“strain behaviour of flexible adhesive joints. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2020, 234, 499-510.	2.5	4
5	Ageing of Adhesive Joints for FaÃ§ade Applications â€“ Comparison of Artificial and Real Weathering Conditions. MATEC Web of Conferences, 2019, 279, 02013.	0.2	4
6	Reconstruction of the terrazzo surface in the exterior. MATEC Web of Conferences, 2019, 279, 02014.	0.2	0
7	Case Study on Comparison of Joint Sealant Adhesive Properties Tested in Laboratory and In Situ. Applied Mechanics and Materials, 2019, 887, 72-79.	0.2	0
8	Comparison of Adhesive Properties of Polyurethane Adhesive System and Wood-plastic Composites with Different Polymers after Mechanical, Chemical and Physical Surface Treatment. Polymers, 2019, 11, 397.	4.5	20
9	Impact of Thermal and Moisture Expansion on Design of Wooden FacÌ§ade Elements for Retrofitting of Buildings. Key Engineering Materials, 2018, 776, 15-22.	0.4	0
10	Influence of Load-bearing Structure on Size of Bonded Facade Cladding. MATEC Web of Conferences, 2018, 163, 08003.	0.2	0
11	Influence of technological procedures on mechanical properties of bonded joint. Applied Adhesion Science, 2018, 6, .	1.5	3
12	Facade renovation - replacement and restoration of the panels in a monument protected object. MATEC Web of Conferences, 2018, 146, 03013.	0.2	0
13	Performance of selected polyurethane joint sealants in concrete structures. MATEC Web of Conferences, 2018, 146, 02015.	0.2	2
14	Adhesion and Cohesion Testing of Joint Sealants after Artificial Weathering â€“ New Test Method. Procedia Engineering, 2017, 190, 140-147.	1.2	7
15	Revitalization of Lightweight Cladding of Buildings and Its Impact on Environment. IOP Conference Series: Earth and Environmental Science, 2017, 95, 042008.	0.3	0
16	Study on Surface Treatments of Modified Wood Plastic Composite (WPC) to Improve Adhesion. Applied Mechanics and Materials, 2016, 861, 96-103.	0.2	1
17	Evaluation of test methods for testing of sealants. , 2016, , .		3
18	Evaluating adhesion of weatherproofing sealant joints: Price vs. quality. , 2016, , .		1

#	Article	IF	Citations
19	Determination of Tensile Properties of Selected Building Sealants in Combination with High-pressure Compact Laminate (HPL). Procedia Engineering, 2015, 108, 199-205.	1.2	6
20	Test of Adhesion and Shear Strength of Polyurethane Adhesives to Cement-Bonded Particleboard. Advanced Materials Research, 2015, 1100, 185-188.	0.3	0
21	The Suitability of Sealants for Use with Concrete Structures. Advanced Materials Research, 2015, 1122, 131-134.	0.3	1
22	Determination of Adhesion of Silyl Modified Polymer Adhesives to Wooden FaÃ§ade Cladding â€“ Case Study. Procedia Engineering, 2015, 108, 410-418.	1.2	5
23	Wooden Facade with Bonded Joints - Experimental Test. Advanced Materials Research, 2015, 1122, 23-27.	0.3	1
24	Test of Adhesion and Cohesion of Silicone Sealants on Facade Cladding Materials within Extreme Weather Conditions. Advanced Materials Research, 2014, 1041, 23-26.	0.3	7
25	Revitalization of Facade Cladding with the Use of Bonded Joints. Advanced Materials Research, 2014, 1041, 191-194.	0.3	5
26	Influence of Technological Indiscipline on Strength Properties of Bonded Joints. Applied Mechanics and Materials, 0, 799-800, 549-553.	0.2	2
27	Verification of Sealing Possibilities of Cement â€“ Based Structures without Additional Surface Treatment. Applied Mechanics and Materials, 0, 824, 164-171.	0.2	2
28	Case Study on Determination of Tensile Properties of Construction Sealants at Variable Temperatures. Applied Mechanics and Materials, 0, 824, 18-26.	0.2	4