

Barbora Neřasovř;

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2359473/publications.pdf>

Version: 2024-02-01

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 | Comparison of Adhesive Properties of Polyurethane Adhesive System and Wood-plastic Composites with Different Polymers after Mechanical, Chemical and Physical Surface Treatment. <i>Polymers</i> , 2019, 11, 397. | 4.5 | 20 |
| 2 | Test of Adhesion and Cohesion of Silicone Sealants on Facade Cladding Materials within Extreme Weather Conditions. <i>Advanced Materials Research</i> , 2014, 1041, 23-26. | 0.3 | 7 |
| 3 | Adhesion and Cohesion Testing of Joint Sealants after Artificial Weathering – New Test Method. <i>Procedia Engineering</i> , 2017, 190, 140-147. | 1.2 | 7 |
| 4 | Determination of Tensile Properties of Selected Building Sealants in Combination with High-pressure Compact Laminate (HPL). <i>Procedia Engineering</i> , 2015, 108, 199-205. | 1.2 | 6 |
| 5 | Revitalization of Facade Cladding with the Use of Bonded Joints. <i>Advanced Materials Research</i> , 2014, 1041, 191-194. | 0.3 | 5 |
| 6 | Determination of Adhesion of Silyl Modified Polymer Adhesives to Wooden Façade Cladding – Case Study. <i>Procedia Engineering</i> , 2015, 108, 410-418. | 1.2 | 5 |
| 7 | Case Study on Determination of Tensile Properties of Construction Sealants at Variable Temperatures. <i>Applied Mechanics and Materials</i> , 0, 824, 18-26. | 0.2 | 4 |
| 8 | Ageing of Adhesive Joints for Façade Applications – Comparison of Artificial and Real Weathering Conditions. <i>MATEC Web of Conferences</i> , 2019, 279, 02013. | 0.2 | 4 |
| 9 | Impact of manufacturing imperfections and surface defects on stress-strain behaviour of flexible adhesive joints. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2020, 234, 499-510. | 2.5 | 4 |
| 10 | Influence of technological procedures on mechanical properties of bonded joint. <i>Applied Adhesion Science</i> , 2018, 6, . | 1.5 | 3 |
| 11 | Effect of adhesive joint stiffness on optimal size of large-format cladding comparison of artificial and real environment. <i>International Journal of Adhesion and Adhesives</i> , 2020, 98, 102489. | 2.9 | 3 |
| 12 | Evaluation of test methods for testing of sealants. , 2016, , . | | 3 |
| 13 | Influence of Technological Indiscipline on Strength Properties of Bonded Joints. <i>Applied Mechanics and Materials</i> , 0, 799-800, 549-553. | 0.2 | 2 |
| 14 | Verification of Sealing Possibilities of Cement – Based Structures without Additional Surface Treatment. <i>Applied Mechanics and Materials</i> , 0, 824, 164-171. | 0.2 | 2 |
| 15 | Performance of selected polyurethane joint sealants in concrete structures. <i>MATEC Web of Conferences</i> , 2018, 146, 02015. | 0.2 | 2 |
| 16 | Long adhesive joints in façade applications exposed to wind suction. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2020, 234, 488-498. | 2.5 | 2 |
| 17 | Research Summary on Characterizing Impact of Environment on Adhesion of Sealed Joints in Façade Applications. <i>Materials</i> , 2020, 13, 4847. | 2.9 | 2 |
| 18 | The Suitability of Sealants for Use with Concrete Structures. <i>Advanced Materials Research</i> , 2015, 1122, 131-134. | 0.3 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Wooden Facade with Bonded Joints - Experimental Test. Advanced Materials Research, 2015, 1122, 23-27. | 0.3 | 1 |
| 20 | Study on Surface Treatments of Modified Wood Plastic Composite (WPC) to Improve Adhesion. Applied Mechanics and Materials, 2016, 861, 96-103. | 0.2 | 1 |
| 21 | Evaluating adhesion of weatherproofing sealant joints: Price vs. quality. , 2016, , . | | 1 |
| 22 | Test of Adhesion and Shear Strength of Polyurethane Adhesives to Cement-Bonded Particleboard. Advanced Materials Research, 2015, 1100, 185-188. | 0.3 | 0 |
| 23 | Revitalization of Lightweight Cladding of Buildings and Its Impact on Environment. IOP Conference Series: Earth and Environmental Science, 2017, 95, 042008. | 0.3 | 0 |
| 24 | Impact of Thermal and Moisture Expansion on Design of Wooden Facade Elements for Retrofitting of Buildings. Key Engineering Materials, 2018, 776, 15-22. | 0.4 | 0 |
| 25 | Influence of Load-bearing Structure on Size of Bonded Facade Cladding. MATEC Web of Conferences, 2018, 163, 08003. | 0.2 | 0 |
| 26 | Facade renovation - replacement and restoration of the panels in a monument protected object. MATEC Web of Conferences, 2018, 146, 03013. | 0.2 | 0 |
| 27 | Reconstruction of the terrazzo surface in the exterior. MATEC Web of Conferences, 2019, 279, 02014. | 0.2 | 0 |
| 28 | Case Study on Comparison of Joint Sealant Adhesive Properties Tested in Laboratory and <i>In Situ</i> . Applied Mechanics and Materials, 2019, 887, 72-79. | 0.2 | 0 |