

# Valentina M Turanjanin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/533328/publications.pdf>

Version: 2024-02-01

23  
papers

396  
citations

840776

11  
h-index

794594

19  
g-index

23  
all docs

23  
docs citations

23  
times ranked

555  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Indoor CO <sub>2</sub> measurements in Serbian schools and ventilation rate calculation. <i>Energy</i> , 2014, 77, 290-296.  | 8.8 | 96        |
| 2  | Investigation of indoor and outdoor air quality of the classrooms at a school in Serbia. <i>Energy</i> , 2014, 77, 42-48.  | 8.8 | 83        |
| 3  | A comparison of the Analytic Hierarchy Process and the Analysis and Synthesis of Parameters under Information Deficiency method for assessing the sustainability of waste management scenarios. <i>Journal of Cleaner Production</i> , 2016, 130, 155-165. | 9.3 | 38        |
| 4  | Assessing the sustainability of the energy use of residential buildings in Belgrade through multi-criteria analysis. <i>Energy and Buildings</i> , 2014, 69, 51-61.  | 6.7 | 29        |
| 5  | Sustainability estimation of energy system options that use gas and renewable resources for domestic hot water production. <i>Energy</i> , 2011, 36, 2169-2175.  | 8.8 | 25        |
| 6  | Sustainability assessment of residential buildings by non-linear normalization procedure. <i>Energy and Buildings</i> , 2013, 58, 348-354.   | 6.7 | 22        |
| 7  | Fossil fuels substitution by the solar energy utilization for the hot water production in the heating plant "Cera" in Belgrade. <i>International Journal of Hydrogen Energy</i> , 2009, 34, 7075-7080.   | 7.1 | 13        |
| 8  | Technical analysis of photovoltaic/wind systems with hydrogen storage. <i>Thermal Science</i> , 2012, 16, 865-875.   | 1.1 | 13        |
| 9  | GHG (Greenhouse Gases) emission inventory and mitigation measures for public district heating plants in the Republic of Serbia. <i>Energy</i> , 2013, 57, 788-795.   | 8.8 | 12        |
| 10 | Experimental and numerical modelling of thermal performance of a residential building in Belgrade. <i>Thermal Science</i> , 2009, 13, 245-252.   | 1.1 | 12        |
| 11 | Development of the boiler for combustion of agricultural biomass by products. <i>Thermal Science</i> , 2010, 14, 707-714.  | 1.1 | 11        |
| 12 | Multi-criteria sustainability analysis of thermal power plant Kolubara-A Unit 2. <i>Energy</i> , 2017, 125, 837-847.   | 8.8 | 10        |
| 13 | Different heating systems for single family house: Energy and economic analysis. <i>Thermal Science</i> , 2016, 20, 309-320.   | 1.1 | 10        |
| 14 | Assessing the sustainability of Serbian school buildings by analyse and syntesis parameters under information deficiency method. <i>Thermal Science</i> , 2018, 22, 1271-1283.   | 1.1 | 7         |
| 15 | Experimental and numerical investigation of premixed acetylene flame. <i>International Journal of Heat and Mass Transfer</i> , 2006, 49, 4023-4032.  | 4.8 | 5         |
| 16 | Analysis of different scenarios and sustainability measurement in the district heating sector in Serbia. <i>Thermal Science</i> , 2019, 23, 2085-2096.   | 1.1 | 5         |
| 17 | Numerical simulation of fire spread in terminal 2 of Belgrade airport. <i>Thermal Science</i> , 2007, 11, 251-258.   | 1.1 | 2         |
| 18 | Influence of the building energy efficiency on indoor air temperature: The case of a typical school classroom in Serbia. <i>Thermal Science</i> , 2022, 26, 3605-3618.   | 1.1 | 2         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Temperature correction factor simulation over the heating period. Thermal Science, 2018, 22, 1083-1093.   | 1.1 | 1         |
| 20 | Application of multi-criteria assessment in decision-making proces in planning of sustainable development of energy system options. , 2016, , . |     | 0         |
| 21 | Ventilation rate in schools in Serbia. Termotehnika, 2014, 40, 11-17.   | 0.0 | 0         |
| 22 | Multi-Criteria Approach to Sustainability Evaluate of District Heating System Scenarios in Case of Serbia. , 0, , .                             |     | 0         |
| 23 | The Sustainability of Thermal Power Plant Unit Revitalization: Comparison of Two Multi-Criteria Methods. , 0, , .                               |     | 0         |