

# Spyridon P Lykoudis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5493638/publications.pdf>

Version: 2024-02-01

42  
papers

2,395  
citations

361045

20  
h-index

301761

39  
g-index

45  
all docs

45  
docs citations

45  
times ranked

2672  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Thermal comfort in outdoor urban spaces: Analysis across different European countries. <i>Building and Environment</i> , 2006, 41, 1455-1470.  | 3.0 | 503       |
| 2  | Cost733cat " A database of weather and circulation type classifications. <i>Physics and Chemistry of the Earth</i> , 2010, 35, 360-373.  | 1.2 | 290       |
| 3  | Use of outdoor spaces and microclimate in a Mediterranean urban area. <i>Building and Environment</i> , 2007, 42, 3691-3707.   | 3.0 | 218       |
| 4  | The automatic weather stations NOANN network of the National Observatory of Athens: operation and database. <i>Geoscience Data Journal</i> , 2017, 4, 4-16.  | 1.8 | 154       |
| 5  | Energy efficiency of PV panels under real outdoor conditions"An experimental assessment in Athens, Greece. <i>Renewable Energy</i> , 2017, 101, 236-243.   | 4.3 | 114       |
| 6  | Spatial distribution of the isotopic composition of precipitation and spring water in Greece. <i>Global and Planetary Change</i> , 2010, 71, 141-149.  | 1.6 | 106       |
| 7  | Alternative least squares methods for determining the meteoric water line, demonstrated using GNIP data. <i>Journal of Hydrology</i> , 2014, 519, 2331-2340.   | 2.3 | 102       |
| 8  | An evaluation of three biometeorological indices for human thermal comfort in urban outdoor areas under real climatic conditions. <i>Building and Environment</i> , 2010, 45, 1346-1352.                     | 3.0 | 96        |
| 9  | Comparison of methodologies for tmy generation using 20 years data for Athens, Greece. <i>Solar Energy</i> , 1999, 66, 33-45.  | 2.9 | 92        |
| 10 | Summer performance of a ventilated roof component. <i>Energy and Buildings</i> , 2006, 38, 610-617.  | 3.1 | 82        |
| 11 | Isotopic composition of precipitation in Greece. <i>Journal of Hydrology</i> , 2006, 327, 486-495.   | 2.3 | 63        |
| 12 | Ground temperature estimations using simplified analytical and semi-empirical approaches. <i>Solar Energy</i> , 2009, 83, 211-219.   | 2.9 | 60        |
| 13 | Experimental work on a linked, dynamic and ventilated, wall component. <i>Energy and Buildings</i> , 2004, 36, 443-453.  | 3.1 | 52        |
| 14 | Pedestrians' perception of environmental stimuli through field surveys: Focus on particulate pollution. <i>Science of the Total Environment</i> , 2011, 409, 2493-2502.                                      | 3.9 | 50        |
| 15 | Thermal sensation and climate: a comparison of UTCI and PET thresholds in different climates. <i>International Journal of Biometeorology</i> , 2018, 62, 1695-1708.  | 1.3 | 50        |
| 16 | Spatial and temporal characteristics of the relationship between air quality status and mesoscale circulation over an urban Mediterranean basin. <i>Science of the Total Environment</i> , 1998, 217, 37-57. | 3.9 | 47        |
| 17 | Air quality perception of pedestrians in an urban outdoor Mediterranean environment: A field survey approach. <i>Science of the Total Environment</i> , 2017, 574, 663-670.                                  | 3.9 | 45        |
| 18 | Noise levels in primary schools of medium sized city in Greece. <i>Science of the Total Environment</i> , 2014, 482-483, 493-500.  | 3.9 | 25        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Single-sided ventilation of buildings through shaded large openings. <i>Energy</i> , 2002, 27, 93-115.  | 4.5 | 24        |
| 20 | Spatially interpolated time series of $\delta^{18}O$ in Eastern Mediterranean precipitation. <i>Global and Planetary Change</i> , 2010, 71, 150-159.  | 1.6 | 24        |
| 21 | Perceived air quality and particulate matter pollution based on field survey data during a winter period. <i>International Journal of Biometeorology</i> , 2018, 62, 2139-2150.                             | 1.3 | 21        |
| 22 | On the Uncertainty of the Image Velocimetry Method Parameters. <i>Hydrology</i> , 2020, 7, 65.  | 1.3 | 21        |
| 23 | Milder form of heat-related symptoms and thermal sensation: a study in a Mediterranean climate. <i>International Journal of Biometeorology</i> , 2016, 60, 917-929.   | 1.3 | 19        |
| 24 | On the Methods for the Delimitation of Seasons. <i>Water, Air and Soil Pollution</i> , 2004, 4, 65-74.  | 0.8 | 15        |
| 25 | Particulate polycyclic aromatic hydrocarbons and n-alkanes in recycled paper processing operations. <i>Journal of Hazardous Materials</i> , 2006, 137, 742-751.   | 6.5 | 15        |
| 26 | Modeling thermal sensation in a Mediterranean climate—a comparison of linear and ordinal models. <i>International Journal of Biometeorology</i> , 2014, 58, 1355-1368.                                      | 1.3 | 13        |
| 27 | Native influences on the construction of thermal sensation scales. <i>International Journal of Biometeorology</i> , 2020, 64, 1497-1508.  | 1.3 | 12        |
| 28 | Modeling lightning density using cloud top parameters. <i>Atmospheric Research</i> , 2019, 222, 163-171.  | 1.8 | 11        |
| 29 | Isotopic Composition of Spring Water in Greece: Spring Waters Isoscapes. <i>Geosciences (Switzerland)</i> , 2018, 8, 238.   | 1.0 | 10        |
| 30 | Predicting photochemical pollution in an industrial area. <i>Environmental Monitoring and Assessment</i> , 2008, 142, 279-288.  | 1.3 | 9         |
| 31 | OpenHi.net: A Synergistically Built, National-Scale Infrastructure for Monitoring the Surface Waters of Greece. <i>Water (Switzerland)</i> , 2021, 13, 2779.  | 1.2 | 9         |
| 32 | Experimental Study of a Earth-to-Air Heat Exchanger Coupled to a Photovoltaic System. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2004, 126, 620-625.                            | 1.1 | 8         |
| 33 | Establishment of a Greek Food Database for Palaeodiet Reconstruction: Case Study of Human and Fauna Remains from Neolithic to Late Bronze Age from Greece. <i>Geosciences (Switzerland)</i> , 2019, 9, 165. | 1.0 | 8         |
| 34 | Thermal sensation and indices in the urban outdoor hot Mediterranean environment of Cyprus. <i>Theoretical and Applied Climatology</i> , 2020, 140, 1315-1329.  | 1.3 | 7         |
| 35 | Impact of heat exposure on health during a warm period in Cyprus. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2020, 5, 1.   | 0.6 | 6         |
| 36 | Hydrometeorological network for flood monitoring and modeling. , 2013, , .  |     | 3         |

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|----|---|-----|-----------|
| 37 | An assessment to evaluate potential passive cooling patterns for climate change adaptation in a residential neighbourhood of a Mediterranean coastal city (Athens, Greece). <i>International Journal of Global Warming</i> , 2018, 16, 181. | 0.2 | 3         |
| 38 | Discharge estimation from surface-velocity observations by a maximum-entropy based method. <i>Hydrological Sciences Journal</i> , 2022, 67, 451-461.  | 1.2 | 2         |
| 39 | On the Accuracy of Particle Image Velocimetry with Citizen Videos—Five Typical Case Studies. <i>Hydrology</i> , 2022, 9, 72.  | 1.3 | 2         |
| 40 | Observations of the atmospheric surface layer parameters during the total solar eclipse of March 29th, in Greece. <i>Meteorologische Zeitschrift</i> , 2009, 18, 489-494.   | 0.5 | 1         |
| 41 | Data on thermal sensation, perception and microclimatic parameters in a city with Mediterranean climate. <i>Data in Brief</i> , 2019, 22, 563-565.  | 0.5 | 0         |
| 42 | Data on verbal expressions for thermal sensation and comfort in the Greek language. <i>Data in Brief</i> , 2020, 31, 105807.  | 0.5 | 0         |