

# Pascal Castellazzi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5072399/publications.pdf>

Version: 2024-02-01

21  
papers

594  
citations

933447

10  
h-index

940533

16  
g-index

22  
all docs

22  
docs citations

22  
times ranked

750  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Land subsidence in major cities of Central Mexico: Interpreting InSAR-derived land subsidence mapping with hydrogeological data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016, 47, 102-111.   | 2.8  | 112       |
| 2  | Quantitative mapping of groundwater depletion at the water management scale using a combined GRACE/InSAR approach. <i>Remote Sensing of Environment</i> , 2018, 205, 408-418.  | 11.0 | 94        |
| 3  | Assessing Groundwater Depletion and Dynamics Using <scp>GRACE</scp> and <scp>InSAR</scp>: Potential and Limitations. <i>Ground Water</i> , 2016, 54, 768-780.  | 1.3  | 93        |
| 4  | Groundwater depletion in Central Mexico: Use of GRACE and InSAR to support water resources management. <i>Water Resources Research</i> , 2016, 52, 5985-6003.  | 4.2  | 90        |
| 5  | InSAR to support sustainable urbanization over compacting aquifers: The case of Toluca Valley, Mexico. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2017, 63, 33-44.   | 2.8  | 40        |
| 6  | Assessment of hydrologic connectivity in an ungauged wetland with InSAR observations. <i>Environmental Research Letters</i> , 2018, 13, 024003.  | 5.2  | 40        |
| 7  | ERT, GPR, InSAR, and tracer tests to characterize karst aquifer systems under urban areas: The case of Quebec City. <i>Geomorphology</i> , 2018, 310, 45-56.   | 2.6  | 33        |
| 8  | Glacial Melt and Potential Impacts on Water Resources in the Canadian Rocky Mountains. <i>Water Resources Research</i> , 2019, 55, 10191-10217.  | 4.2  | 29        |
| 9  | Interpreting C-band InSAR ground deformation data for large-scale groundwater management in Australia. <i>Journal of Hydrology: Regional Studies</i> , 2021, 34, 100774.   | 2.4  | 14        |
| 10 | Towards monitoring groundwater-dependent ecosystems using synthetic aperture radar imagery. <i>Hydrological Processes</i> , 2019, 33, 3239-3250.   | 2.6  | 10        |
| 11 | Applications of Satellite Radar Imagery for Hazard Monitoring: Insights from Australia. <i>Remote Sensing</i> , 2021, 13, 1422.  | 4.0  | 10        |
| 12 | Assessing the efficiency of mitigation measures to reduce groundwater depletion and related land subsidence in Quer taro (Central Mexico) from decadal InSAR observations. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 105, 102632. | 2.8  | 8         |
| 13 | High Resolution Mapping of Ice Mass Loss in the Gulf of Alaska From Constrained Forward Modeling of GRACE Data. <i>Frontiers in Earth Science</i> , 2020, 7, .   | 1.8  | 7         |
| 14 | Groundwater deficit and land subsidence in central mexico monitored by grace and RADARSAT-2. , 2014, , .   |      | 4         |
| 15 | Study of an Amphoteric Surfactant in a Soil Decontamination Process Using ANS Enhanced Fluorescence: Micellar Behavior and Dosing in Synthetic and Soil Solutions. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 337-349.   | 2.4  | 3         |
| 16 | Fine scale mapping of fractional tree canopy cover to support river basin management. <i>Hydrological Processes</i> , 2021, 35, e14156.  | 2.6  | 3         |
| 17 | Accuracy of Lysimeters for Dissolved Copper, Antimony, Lead, and Zinc Sampling under Small Arms Backstop. <i>Vadose Zone Journal</i> , 2014, 13, 1-12.   | 2.2  | 2         |
| 18 | Mining Exports and Climate Variability Influencing Grace-Derived Water Storage Trend Estimates in Australia. , 2020, , .   |      | 2         |

| #  | ARTICLE   | IF | CITATIONS |
|----|---|----|-----------|
| 19 | Insar Coherence Over Regional Australia: Implications for Mapping Groundwater-Related Ground Deformation. , 2021, , . |    | 0         |
| 20 | Mitigation of Land Subsidence Due to Groundwater Extraction in Queretaro, Mexico. , 2021, , .                         |    | 0         |
| 21 | k-means on Positive Definite Matrices, and an Application to Clustering in Radar Image Sequences. , 2020, , .         |    | 0         |