Pascal Castellazzi

List of Publications by Year
in descending order

21	594	933447 10	940533 16
papers	citations	h-index	g-index

22	22	22	750
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interpreting C-band InSAR ground deformation data for large-scale groundwater management in Australia. Journal of Hydrology: Regional Studies, 2021, 34, 100774.	2.4	14
2	Applications of Satellite Radar Imagery for Hazard Monitoring: Insights from Australia. Remote Sensing, 2021, 13, 1422.	4.0	10
3	Fine scale mapping of fractional tree canopy cover to support river basin management. Hydrological Processes, 2021, 35, e14156.	2.6	3
4	Insar Coherence Over Regional Australia: Implications for Mapping Groundwater-Related Ground Deformation. , 2021, , .		0
5	Mitigation of Land Subsidence Due to Groundwater Extraction in Queretaro, Mexico. , 2021, , .		0
6	Assessing the efficiency of mitigation measures to reduce groundwater depletion and related land subsidence in QuerÃ©taro (Central Mexico) from decadal InSAR observations. International Journal of Applied Earth Observation and Geoinformation, 2021, 105, 102632.	2.8	8
7	High Resolution Mapping of Ice Mass Loss in the Gulf of Alaska From Constrained Forward Modeling of GRACE Data. Frontiers in Earth Science, 2020, 7, .	1.8	7
8	Mining Exports and Climate Variability Influencing Grace-Derived Water Storage Trend Estimates in Australia. , 2020, , .		2
9	k-means on Positive Definite Matrices, and an Application to Clustering in Radar Image Sequences. , 2020, , .		0
10	Towards monitoring groundwaterâ€dependent ecosystems using synthetic aperture radar imagery. Hydrological Processes, 2019, 33, 3239-3250.	2.6	10
11	Glacial Melt and Potential Impacts on Water Resources in the Canadian Rocky Mountains. Water Resources Research, 2019, 55, 10191-10217.	4.2	29
12	ERT, GPR, InSAR, and tracer tests to characterize karst aquifer systems under urban areas: The case of Quebec City. Geomorphology, 2018, 310, 45-56.	2.6	33
13	Quantitative mapping of groundwater depletion at the water management scale using a combined GRACE/InSAR approach. Remote Sensing of Environment, 2018, 205, 408-418.	11.0	94
14	Assessment of hydrologic connectivity in an ungauged wetland with InSAR observations. Environmental Research Letters, 2018, 13, 024003.	5.2	40
15	InSAR to support sustainable urbanization over compacting aquifers: The case of Toluca Valley, Mexico. International Journal of Applied Earth Observation and Geoinformation, 2017, 63, 33-44.	2.8	40
16	Assessing Groundwater Depletion and Dynamics Using <scp>GRACE</scp> and <scp>InSAR</scp>: Potential and Limitations. Ground Water, 2016, 54, 768-780.	1.3	93
17	Groundwater depletion in Central Mexico: Use of GRACE and InSAR to support water resources management. Water Resources Research, 2016, 52, 5985-6003.	4.2	90
18	Land subsidence in major cities of Central Mexico: Interpreting InSAR-derived land subsidence mapping with hydrogeological data. International Journal of Applied Earth Observation and Geoinformation, 2016, 47, 102-111.	2.8	112

#	Article	IF	Citations
19	Accuracy of Lysimeters for Dissolved Copper, Antimony, Lead, and Zinc Sampling under Small Arms Backstop. Vadose Zone Journal, 2014, 13, 1-12.	2.2	2
20	Groundwater deficit and land subsidence in central mexico monitored by grace and RADARSAT-2. , 2014, , .		4
21	Study of an Amphoteric Surfactant in a Soil Decontamination Process Using ANS Enhanced Fluorescence: Micellar Behavior and Dosing in Synthetic and Soil Solutions. Water, Air, and Soil Pollution, 2012, 223, 337-349.	2.4	3