Son V Nghiem

List of Publications by Year
in descending order

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39 papers	1,175 citations	361413 20 h-index	395702 33 g-index
46 all docs	46 docs citations	46 times ranked	1780 citing authors

#	Article	IF	Citations
1	Extreme Development of Dragon Fruit Agriculture with Nighttime Lighting in Southern Vietnam. , 2022, , 553-571.		1
2	Building Structure Mapping on Level Terrains and Sea Surfaces in Vietnam. Remote Sensing, 2021, 13, 2439.	4.0	2
3	Transformative Urban Changes of Beijing in the Decade of the 2000s. Remote Sensing, 2020, 12, 652.	4.0	7
4	Polarimetric Characteristics for Sea-Ice Surface Topographic Derivation Using TanDEM-X Interferometry Data. , 2020, , .		0
5	Observations of Arctic Sea Ice Leads and Open Water During the Microbiological-Ocean-Cloud Coupling in the High Arctic Campaign. , 2020, , .		0
6	Up and out: A multifaceted approach to characterizing urbanization in Greater Saigon, 2000â€“2009. Landscape and Urban Planning, 2019, 187, 199-209.	7.5	22
7	Iceberg topography and volume classification using TanDEM-X interferometry. Cryosphere, 2019, 13, 1861-1875.	3.9	14
8	Evaluating nighttime lights and population distribution as proxies for mapping anthropogenic CO₂emission in Vietnam, Cambodia and Laos. Environmental Research Communications, 2019, 1, 091006.	2.3	25
9	L-Band Passive Microwave Data from SMOS for River Gauging Observations in Tropical Climates. Remote Sensing, 2019, 11, 835.	4.0	12
10	Shortâ€Term Impacts of the Megaurbanizations of New Delhi and Los Angeles Between 2000 and 2009. Journal of Geophysical Research D: Atmospheres, 2019, 124, 35-56.	3.3	14
11	Satellite scatterometer estimation of urban built-up volume: Validation with airborne lidar data. International Journal of Applied Earth Observation and Geoinformation, 2019, 77, 100-107.	2.8	26
12	Polar Sea Ice Thickness and Melt Pond Fraction Measurements with Multi-Frequency Bistatic Radar Polarimetric and Interferometric Reflectometry. , 2019, , .		4
13	Snowpack measurements suggest role for multi-year sea ice regions in Arctic atmospheric bromine and chlorine chemistry. Elementa, 2019, 7, .	3.2	20
14	Expansion of major urban areas in the US Great Plains from 2000 to 2009 using satellite scatterometer data. Remote Sensing of Environment, 2018, 204, 524-533.	11.0	22
15	Remote Sensing of Antarctic Sea Ice with Coordinated Aircraft and Satellite Data Acquisitions. , 2018, , .		9
16	Springtime Bromine Activation over Coastal and Inland Arctic Snowpacks. ACS Earth and Space Chemistry, 2018, 2, 1075-1086.	2.7	22
17	Combining COSMO-SkyMed satellites data and numerical modeling for the dynamic management of artificial recharge basins. Journal of Hydrology, 2018, 567, 41-50.	5.4	3
18	Microwave Signatures of Snow Cover Using Numerical Maxwell Equations Based on Discrete Dipole Approximation in Bicontinuous Media and Half-Space Dyadic Green's Function. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 4686-4702.	4.9	20

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19	Wetland monitoring with Global Navigation Satellite System reflectometry. Earth and Space Science, 2017, 4, 16-39.	2.6	91
20	A versatile method for groundwater vulnerability projections in future scenarios. Journal of Environmental Management, 2017, 187, 365-374.	7.8	26
21	Observations of bromine monoxide transport in the Arctic sustained on aerosol particles. Atmospheric Chemistry and Physics, 2017, 17, 7567-7579.	4.9	44
22	Horizontal and vertical structure of reactive bromine events probed by bromine monoxide MAX-DOAS. Atmospheric Chemistry and Physics, 2017, 17, 9291-9309.	4.9	27
23	Snowmelt onset hinders bromine monoxide heterogeneous recycling in the Arctic. Journal of Geophysical Research D: Atmospheres, 2017, 122, 8297-8309.	3.3	24
24	Northern Eurasia Future Initiative (NEFI): facing the challenges and pathways of global change in the twenty-first century. Progress in Earth and Planetary Science, 2017, 4, .	3.0	69
25	Variability of bromine monoxide at Barrow, Alaska, over four halogen activation (Marchâ€“May) seasons and at two onâ€ice locations. Journal of Geophysical Research D: Atmospheres, 2016, 121, 1381-1396.	3.3	15
26	The role of open lead interactions in atmospheric ozone variability between Arctic coastal and inland sites. Elementa, 2016, 4, .	3.2	6
27	Ring of impact from the megaâ€urbanization of Beijing between 2000 and 2009. Journal of Geophysical Research D: Atmospheres, 2015, 120, 5740-5756.	3.3	45
28	Uncertainties of Temperature Measurements on Snow-Covered Land and Sea Ice from In Situ and MODIS Data during BROMEX. Journal of Applied Meteorology and Climatology, 2015, 54, 966-978.	1.5	16
29	Groundwater vulnerability maps derived from a time-dependent method using satellite scatterometer data. Hydrogeology Journal, 2015, 23, 631-647.	2.1	30
30	Convective forcing of mercury and ozone in the Arctic boundary layer induced by leads in sea ice. Nature, 2014, 506, 81-84.	27.8	79
31	Interdecadal changes in snow depth on Arctic sea ice. Journal of Geophysical Research: Oceans, 2014, 119, 5395-5406.	2.6	186
32	Urban Environments, Beijing Case Study. Encyclopedia of Earth Sciences Series, 2014, , 869-878.	0.1	7
33	Studying Bromine, Ozone, and Mercury Chemistry in the Arctic. Eos, 2013, 94, 289-291.	0.1	23
34	Field and satellite observations of the formation and distribution of Arctic atmospheric bromine above a rejuvenated sea ice cover. Journal of Geophysical Research, 2012, 117, .	3.3	43
35	Space-based measurement of river runoff. Eos, 2005, 86, 185.	0.1	110
36	Wind Fields over the Great Lakes Measured by the SeaWinds Scatterometer on the QuikSCAT Satellite. Journal of Great Lakes Research, 2004, 30, 148-165.	1.9	13

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37	Preparation for the operational use of RADARSAT-2 for ice monitoring. Canadian Journal of Remote Sensing, 2004, 30, 415-423.	2.4	9
38	The role of snow on the thermal dependence of microwave backscatter over sea ice. Journal of Geophysical Research, 1999, 104, 25789-25803.	3.3	83
39	Theory of radar polarimetric interferometry and its application to the retrieval of sea ice elevation in the Western Weddell Sea, Antarctic. Earth and Space Science, 0, , .	2.6	2