Nathan Torbick

List of Publications by Year
in descending order

32 papers	1,290 citations	361413 20 h-index	414414 32 g-index
33 all docs	33 docs citations	33 times ranked	2010 citing authors

#	Article	IF	Citations
1	Monitoring Rice Agriculture across Myanmar Using Time Series Sentinel-1 Assisted by Landsat-8 and PALSAR-2. Remote Sensing, 2017, 9, 119.	4.0	202
2	Mapping deciduous rubber plantations through integration of PALSAR and multi-temporal Landsat imagery. Remote Sensing of Environment, 2013, 134, 392-402.	11.0	183
3	Mapping amyotrophic lateral sclerosis lake risk factors across northern New England. International Journal of Health Geographics, 2014, 13, 1.	2.5	101
4	Mapping inland lake water quality across the Lower Peninsula of Michigan using Landsat TM imagery. International Journal of Remote Sensing, 2013, 34, 7607-7624.	2.9	75
5	Regional Mapping of Plantation Extent Using Multisensor Imagery. Remote Sensing, 2016, 8, 236.	4.0	66
6	Assessment of Forest above Ground Biomass Estimation Using Multi-Temporal C-band Sentinel-1 and Polarimetric L-band PALSAR-2 Data. Remote Sensing, 2018, 10, 1424.	4.0	60
7	High Resolution Modeling of Riverâ€Floodplainâ€Reservoir Inundation Dynamics in the Mekong River Basin. Water Resources Research, 2020, 56, e2019WR026449.	4.2	52
8	Assessing Cyanobacterial Harmful Algal Blooms as Risk Factors for Amyotrophic Lateral Sclerosis. Neurotoxicity Research, 2018, 33, 199-212.	2.7	50
9	Mapping Chlorophyll-aConcentrations in West Lake, China using Landsat 7 ETM+. Journal of Great Lakes Research, 2008, 34, 559-565.	1.9	45
10	Monitoring Rice Agriculture in the Sacramento Valley, USA With Multitemporal PALSAR and MODIS Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2011, 4, 451-457.	4.9	42
11	Fusion of Moderate Resolution Earth Observations for Operational Crop Type Mapping. Remote Sensing, 2018, 10, 1058.	4.0	41
12	Mapping urban sprawl and impervious surfaces in the northeast United States for the past four decades. GIScience and Remote Sensing, 2015, 52, 746-764.	5.9	38
13	Spatio-temporal variations of CDOM in shallow inland waters from a semi-analytical inversion of Landsat-8. Remote Sensing of Environment, 2018, 218, 189-200.	11.0	38
14	Mapping Total Vegetation Cover Across Western Rangelands With Moderate-Resolution Imaging Spectroradiometer Data. Rangeland Ecology and Management, 2012, 65, 456-467.	2.3	34
15	Integrating SAR and optical imagery for regional mapping of paddy rice attributes in the Poyang Lake Watershed, China. Canadian Journal of Remote Sensing, 2011, 37, 17-26.	2.4	32
16	Spatiotemporal Lake Skin Summer Temperature Trends in the Northeast United States. Earth Interactions, 2016, 20, 1-21.	1.5	28
17	High Resolution Mapping of Peatland Hydroperiod at a High-Latitude Swedish Mire. Remote Sensing, 2012, 4, 1974-1994.	4.0	27
18	Adapting MODISâ€derived LAI and fractional cover into the RAMS in East Africa. International Journal of Climatology, 2010, 30, 1954-1969.	3.5	25

#	Article	IF	Citations
19	Evaluating Principal Components Analysis for Identifying Optimal Bands Using Wetland Hyperspectral Measurements From the Great Lakes, USA. Remote Sensing, 2009, 1, 408-417.	4.0	24
20	Mapping rice greenhouse gas emissions in the Red River Delta, Vietnam. Carbon Management, 2017, 8, 99-108.	2.4	21
21	Mapping agricultural wetlands in the Sacramento Valley, USA with satellite remote sensing. Wetlands Ecology and Management, 2015, 23, 79-94.	1.5	20
22	A multi-temporal binary-tree classification using polarimetric RADARSAT-2 imagery. Remote Sensing of Environment, 2019, 235, 111478.	11.0	16
23	A Multiscale Mapping Assessment of Lake Champlain Cyanobacterial Harmful Algal Blooms. International Journal of Environmental Research and Public Health, 2015, 12, 11560-11578.	2.6	14
24	Cropland mapping with L-band UAVSAR and development of NISAR products. Remote Sensing of Environment, 2021, 253, 112180.	11.0	9
25	Comparison between Dense L-Band and C-Band Synthetic Aperture Radar (SAR) Time Series for Crop Area Mapping over a NISAR Calibration-Validation Site. Agronomy, 2021, 11, 273.	3.0	9
26	Assessing Conflict Driven Food Security in Rakhine, Myanmar with Multisource Imagery. Land, 2019, 8, 95.	2.9	8
27	Rice Inundation Assessment Using Polarimetric UAVSAR Data. Earth and Space Science, 2021, 8, e2020EA001554.	2.6	8
28	Performance Evaluation of UAVSAR and Simulated NISAR Data for Crop/Noncrop Classification Over Stoneville, MS. Earth and Space Science, 2021, 8, e2020EA001363.	2.6	8
29	Evaluating NISAR's cropland mapping algorithm over the conterminous United States using Sentinel-1 data. Remote Sensing of Environment, 2021, 260, 112472.	11.0	7
30	Changing Surface Conditions at Kilimanjaro Indicated from Multiscale Imagery. Mountain Research and Development, 2009, 29, 5-13.	1.0	4
31	Study of a Simple Volume Scattering Model on Burned Forest Using Polarimetric PALSAR-2 Data. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 1872-1876.	3.1	1
32	NISAR's Capabilities in Support of the Applications Community. , 2021, , .		0