

# JosÃ© Tuxpan Vargas

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

247  
citations

1306789

7  
h-index

996533

15  
g-index

29  
all docs

29  
docs citations

29  
times ranked

237  
citing authors

#	ARTICLE	IF	CITATIONS
1	Land subsidence by groundwater over-exploitation from aquifers in tectonic valleys of Central Mexico: A review. <i>Engineering Geology</i> , 2018, 246, 91-106.	2.9	75
2	Delineation of Groundwater Potential Zones (GWPZs) in a Semi-Arid Basin through Remote Sensing, GIS, and AHP Approaches. <i>Water (Switzerland)</i> , 2022, 14, 2138.	1.2	31
3	Dynamic Experiment Design Regularization Approach to Adaptive Imaging with Array Radar/SAR Sensor Systems. <i>Sensors</i> , 2011, 11, 4483-4511.	2.1	25
4	Identification of the Hydrogeochemical Processes and Assessment of Groundwater Quality, Using Multivariate Statistical Approaches and Water Quality Index in a Wastewater Irrigated Region. <i>Water (Switzerland)</i> , 2019, 11, 1702.	1.2	20
5	Structured descriptive experiment design regularization based enhancement of fractional SAR imagery. <i>Signal Processing</i> , 2013, 93, 3553-3566.	2.1	15
6	Evolution assessment of structurally-controlled differential subsidence using SBAS and PS interferometry in an emblematic case in Central Mexico. <i>Engineering Geology</i> , 2020, 279, 105860.	2.9	15
7	High-resolution imaging with uncertain radar measurement data: A doubly regularized compressive sensing experiment design approach. , 2012, , .		9
8	Occurrence of Anticyclonic Tornadoes in a Topographically Complex Region of Mexico. <i>Advances in Meteorology</i> , 2019, 2019, 1-11.	0.6	8
9	New Framework Based on Fusion Information from Multiple Landslide Data Sources and 3D Visualization. <i>Journal of Earth Science (Wuhan, China)</i> , 2020, 31, 159-168.	1.1	8
10	Contrast of aquifer vulnerability and water quality indices between a unconfined aquifer and a deep aquifer in arid zones. <i>Bulletin of Engineering Geology and the Environment</i> , 2020, 79, 4579-4593.	1.6	7
11	Soil deterioration in the southern Chihuahuan Desert caused by agricultural practices and meteorological events. <i>Journal of Arid Environments</i> , 2020, 176, 104097.	1.2	7
12	Morphometric and hypsometric analysis in the Tierra Nueva Basin, San Luis Potosí, México. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	5
13	Estimation of the environment component of the Water Poverty Index via remote sensing in semi-arid zones. <i>Hydrological Sciences Journal</i> , 2020, 65, 2647-2657.	1.2	5
14	Dust Deposition on the Gulf of California Caused by Santa Ana Winds. <i>Atmosphere</i> , 2020, 11, 275.	1.0	5
15	Resolution-enhanced radar/SAR imaging: an experiment design framework combined with neural network-adapted variational analysis regularization. <i>Eurasip Journal on Advances in Signal Processing</i> , 2011, 2011, .	1.0	2
16	Reconstruction of remote sensing imagery via fused multimode neural network computing. , 2013, , .		2
17	Finger-like plumes of suspended sediment in the Colorado River Delta, Gulf of California. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 245, 106996.	0.9	2
18	An Interoperable Cloud Based Geoportal for Discovery and Management of Earth Observation Products. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
19	Spatial spectrum pattern estimation based on the DEDR-TV extended approach for fractional SAR imagery enhancement. , 2014, , .		1
20	A containerized service for clustering and categorization of weather records in the cloud. , 2018, , .		1
21	Kelvin-Helmholtz instabilities in the Colorado River Delta, Gulf of California. <i>Oceanologia</i> , 2021, 63, 321-328.	1.1	1
22	Intelligent Experiment Design-Based Virtual Remote Sensing Laboratory. <i>Lecture Notes in Computer Science</i> , 2009, , 1021-1028.	1.0	1
23	Enhanced Remote Sensing Imaging in Uncertain Environment Fusing Adaptive Least Squares and Variational Analysis Methods. , 2009, , .		0
24	Aggregated Regularization of Remote Sensing Image Restoration Using Deterministic and Statistic Techniques. , 2009, , .		0
25	Fused variational analysis technique for high-resolution reconstruction of remote sensing imagery. , 2010, , .		0
26	Aggregated convex regularization and variational analysis technique for enhancement of mm waveband remote sensing imagery. , 2010, , .		0
27	Unified Experiment Design, Bayesian Minimum Risk and Convex Projection Regularization Method for Enhanced Remote Sensing Imaging. <i>Lecture Notes in Computer Science</i> , 2009, , 1013-1020.	1.0	0
28	Numerical Investigation of Sea-Bottom Morphological Changes by the Interaction of Tidal Flow and Idealized Coastal Geometries. <i>Journal of Coastal Research</i> , 2020, 36, 981.	0.1	0
29	Dynamics of Multimodal Families of m-Modal Maps. <i>Complexity</i> , 2022, 2022, 1-13.	0.9	0