Dean B Gesch

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6698636/publications.pdf

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		759233	752698
25	1,872	12	20
papers	citations	h-index	g-index

42	42	42	3223
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Elevations of mangrove forests of Pohnpei, Micronesia. Estuarine, Coastal and Shelf Science, 2022, 268, 107780.	2.1	15
2	Digital Elevation Models: Terminology and Definitions. Remote Sensing, 2021, 13, 3581.	4.0	59
3	Inundation Exposure Assessment for Majuro Atoll, Republic of the Marshall Islands Using A High-Accuracy Digital Elevation Model. Remote Sensing, 2020, 12, 154.	4.0	10
4	A spatial analysis of climate gentrification in Orleans Parish, Louisiana post-Hurricane Katrina. Environmental Research, 2020, 185, 109384.	7.5	37
5	Best Practices for Elevation-Based Assessments of Sea-Level Rise and Coastal Flooding Exposure. Frontiers in Earth Science, 2018, 6, .	1.8	80
6	Creating a Coastal National Elevation Database (CoNED) for Science and Conservation Applications. Journal of Coastal Research, 2016, 76, 64-74.	0.3	11
7	Introduction: Special Issue on Advances in Topobathymetric Mapping, Models, and Applications. Journal of Coastal Research, 2016, 76, 1-3.	0.3	8
8	Topobathymetric Elevation Model Development using a New Methodology: Coastal National Elevation Database. Journal of Coastal Research, 2016, 76, 75-89.	0.3	48
9	Evaluation of dynamic coastal response to sea-level rise modifies inundation likelihood. Nature Climate Change, 2016, 6, 696-700.	18.8	105
10	Effects of seaâ€level rise on barrier island groundwater system dynamics â€“ ecohydrological implications. Ecohydrology, 2014, 7, 1064-1071.	2.4	47
11	Hydrography Change Detection: The Usefulness of Surface Channels Derived From LiDAR DEMs for Updating Mapped Hydrography¹. Journal of the American Water Resources Association, 2013, 49, 371-389.	2.4	27
12	Consideration of Vertical Uncertainty in Elevation-Based Sea-Level Rise Assessments: Mobile Bay, Alabama Case Study. Journal of Coastal Research, 2013, 63, 197-210.	0.3	41
13	Evaluation of the Global Multi-Resolution Terrain Elevation Data 2010 (GMTED2010) using ICESat geodetic control. Proceedings of SPIE, 2011, , .	0.8	22
14	Analysis of Lidar Elevation Data for Improved Identification and Delineation of Lands Vulnerable to Sea-Level Rise. Journal of Coastal Research, 2009, 10053, 49-58.	0.3	168
15	New products from the shuttle radar topography mission. Eos, 2006, 87, 174.	0.1	6
16	Analysis of Multi-Temporal Geospatial Data Sets to Assess the Landscape Effects of Surface Mining. Journal of the American Society of Mining and Reclamation, 2005, 2005, 415-432.	0.3	3
17	Development of a Seamless Multisource Topographic/Bathymetric Elevation Model of Tampa Bay. Marine Technology Society Journal, 2001, 35, 58-64.	0.4	51
18	New land surface digital elevation model covers the Earth. Eos, 1999, 80, 69.	0.1	225

#	Article	IF	Citations
19	Accuracy assessment of a global elevation model using Shuttle Laser Altimeter data. , 1998, , .		5
20	The global topography mission gains momentum. Eos, 1995, 76, 213-213.	0.1	1
21	Mission in the works promised precise global topographic data. Eos, 1995, 76, 225-225.	0.1	4
22	An inventory of topographic surface changes: the value of multi-temporal elevation data for change analysis and monitoring. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-4, 59-63.	0.2	1
23	VALIDATION OF THE ASTER GLOBAL DIGITAL ELEVATION MODEL VERSION 2 OVER THE CONTERMINOUS UNITED STATES. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XXXIX-B4, 281-286.	0.2	41
24	SUMMARY OF THE VALIDATION OF THE SECOND VERSION OF THE ASTER GDEM. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XXXIX-B4, 291-293.	0.2	18
25	A comparison of US Geological Survey seamless elevation models with Shuttle Radar Topography Mission data. , 0, , .		3