

# Susanne E Craig

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6684443/publications.pdf>

Version: 2024-02-01

21  
papers

1,083  
citations

567281

15  
h-index

713466

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1713  
citing authors

#	ARTICLE	IF	CITATIONS
1	150 shades of green: Using the full spectrum of remote sensing reflectance to elucidate color shifts in the ocean. <i>Remote Sensing of Environment</i> , 2020, 247, 111900.	11.0	29
2	Radiometric approach for the detection of picophytoplankton assemblages across oceanic fronts. <i>Optics Express</i> , 2020, 28, 25682.	3.4	12
3	Inversion of multiangular polarimetric measurements from the ACEPOL campaign: an application of improving aerosol property and hyperspectral ocean color retrievals. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 3939-3956.	3.1	17
4	A global compilation of in situ aquatic high spectral resolution inherent and apparent optical property data for remote sensing applications. <i>Earth System Science Data</i> , 2020, 12, 1123-1139.	9.9	12
5	An overview of approaches and challenges for retrieving marine inherent optical properties from ocean color remote sensing. <i>Progress in Oceanography</i> , 2018, 160, 186-212.	3.2	257
6	Hurricane Arthur and its effect on the short-term variability of $pCO_2$ on the Scotian Shelf, NW Atlantic. <i>Biogeosciences</i> , 2018, 15, 2111-2123.	3.3	4
7	Chlorophyll-a Concentration Retrieval in the Optically Complex Waters of the St. Lawrence Estuary and Gulf Using Principal Component Analysis. <i>Remote Sensing</i> , 2018, 10, 265.	4.0	19
8	Blooms and subsurface phytoplankton layers on the Scotian Shelf: Insights from profiling gliders. <i>Journal of Marine Systems</i> , 2017, 172, 118-127.	2.1	19
9	A Novel Statistical Approach for Ocean Colour Estimation of Inherent Optical Properties and Cyanobacteria Abundance in Optically Complex Waters. <i>Remote Sensing</i> , 2017, 9, 343.	4.0	29
10	The effect of seasonality in phytoplankton community composition on CO <sub>2</sub> uptake on the Scotian Shelf. <i>Journal of Marine Systems</i> , 2015, 147, 52-60.	2.1	16
11	Aquatic color radiometry remote sensing of coastal and inland waters: Challenges and recommendations for future satellite missions. <i>Remote Sensing of Environment</i> , 2015, 160, 15-30.	11.0	254
12	Estimation of diffuse attenuation of ultraviolet light in optically shallow Florida Keys waters from MODIS measurements. <i>Remote Sensing of Environment</i> , 2014, 140, 519-532.	11.0	33
13	Curvature in models of the photosynthesis-radiance response. <i>Journal of Phycology</i> , 2014, 50, 341-355.	2.3	18
14	Metaproteomic analysis of a winter to spring succession in coastal northwest Atlantic Ocean microbial plankton. <i>ISME Journal</i> , 2014, 8, 1301-1313.	9.8	79
15	Regional-scale effects of eutrophication on ecosystem structure and services of seagrass beds. <i>Limnology and Oceanography</i> , 2012, 57, 1389-1402.	3.1	72
16	Deriving optical metrics of coastal phytoplankton biomass from ocean colour. <i>Remote Sensing of Environment</i> , 2012, 119, 72-83.	11.0	72
17	Using Mass Reconstruction along a Four-Site Transect as a Method to Interpret PM <sub>10</sub> in West-Central Scotland, United Kingdom. <i>Journal of the Air and Waste Management Association</i> , 2009, 59, 1429-1436.	1.9	12
18	Use of hyperspectral remote sensing reflectance for detection and assessment of the harmful alga, <i>Karenia brevis</i> . <i>Applied Optics</i> , 2006, 45, 5414.	2.1	83

#	ARTICLE	IF	CITATIONS
19	Fine-scale variability in phytoplankton community structure and inherent optical properties measured from an autonomous underwater vehicle. <i>Journal of Marine Systems</i> , 2003, 43, 51-59.	2.1	23
20	Estimation of absorption and backscattering coefficients from in situ radiometric measurements: theory and validation in case II waters. <i>Applied Optics</i> , 2003, 42, 2804.	2.1	8
21	Semi-empirical correction algorithm for AC-9 measurements in a coccolithophore bloom. <i>Applied Optics</i> , 2003, 42, 4369.	2.1	15