

# SÅ,awomir B WoÅ°niak

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2278266/publications.pdf>

Version: 2024-02-01

11  
papers

464  
citations

1163117

8  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

466  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling the optical properties of mineral particles suspended in seawater and their influence on ocean reflectance and chlorophyll estimation from remote sensing algorithms. <i>Applied Optics</i> , 2004, 43, 3489.	2.1	162
2	Optical variability of seawater in relation to particle concentration, composition, and size distribution in the nearshore marine environment at Imperial Beach, California. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	99
3	Evaluation of scatter corrections for ac-9 absorption measurements in coastal waters. <i>Methods in Oceanography</i> , 2013, 7, 21-39.	1.6	48
4	New simple statistical formulas for estimating surface concentrations of suspended particulate matter (SPM) and particulate organic carbon (POC) from remote-sensing reflectance in the southern Baltic Sea. <i>Oceanologia</i> , 2016, 58, 161-175.	2.2	26
5	Light scattering and backscattering by particles suspended in the Baltic Sea in relation to the mass concentration of particles and the proportions of their organic and inorganic fractions. <i>Journal of Marine Systems</i> , 2018, 182, 79-96.	2.1	20
6	Effects of atmospheric particles from Southern California on the optical properties of seawater. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	13
7	Empirical Formulas for Estimating Backscattering and Absorption Coefficients in Complex Waters from Remote-Sensing Reflectance Spectra and Examples of Their Application. <i>Sensors</i> , 2019, 19, 4043.	3.8	8
8	Parameterization of phytoplankton spectral absorption coefficients in the Baltic Sea: general, monthly and two-component variants of approximation formulas. <i>Ocean Science</i> , 2018, 14, 1523-1545.	3.4	5
9	Modelling Water Colour Characteristics in an Optically Complex Nearshore Environment in the Baltic Sea; Quantitative Interpretation of the Forel-Ule Scale and Algorithms for the Remote Estimation of Seawater Composition. <i>Remote Sensing</i> , 2020, 12, 2852.	4.0	5
10	Inherent optical properties of suspended particulate matter in the southern Baltic Sea in relation to the concentration, composition and characteristics of the particle size distribution; new forms of multicomponent parameterizations of optical properties. <i>Journal of Marine Systems</i> , 2022, 229, 103720.	2.1	5
11	Comparison of methods for indirectly estimating the phytoplankton population size structure and their preliminary modifications adapted to the specific conditions of the Baltic Sea. <i>Journal of Marine Systems</i> , 2020, 212, 103446.	2.1	2