

# Sayoob Vadakke-Chanat

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2670921/publications.pdf>

Version: 2024-02-01

8  
papers

70  
citations

1478505

6  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

92  
citing authors

#	ARTICLE	IF	CITATIONS
1	The intensity of the geomagnetic field from 2.4 Ga old Indian dykes. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 2426-2437.	2.5	17
2	A Model for Deriving the Spectral Backscattering Properties of Particles in Inland and Marine Waters From <i>&amp;lt;italic&gt;In Situ&amp;lt;/italic&gt;</i> and Remote Sensing Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017, 55, 1461-1476.	6.3	11
3	Modeling the contributions of phytoplankton and non-algal particles to spectral scattering properties in near-shore and lagoon waters. <i>Continental Shelf Research</i> , 2017, 135, 35-46.	1.8	10
4	Estimation of Bathymetry and Benthic Habitat Composition from Hyperspectral Remote Sensing Data (BIODIVERSITY) Using a Semi-Analytical Approach. <i>Remote Sensing</i> , 2021, 13, 1999.	4.0	9
5	Monte Carlo simulations of the backscattering measurements for associated uncertainty. <i>Optics Express</i> , 2018, 26, 21258.	3.4	8
6	A Model for the Vertical Chlorophyll-a Distribution in the Bay of Bengal Using Remote Sensing Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020, 58, 704-712.	6.3	8
7	Benefit of the Potential Future Hyperspectral Satellite Sensor (BIODIVERSITY) for Improving the Determination of Water Column and Seabed Features in Coastal Zones. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 1222-1232.	4.9	6
8	Retrieval of spectral backscattering from spectral scattering based on spectral partitioning technique. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 217, 196-205.	2.1	1