

C H L Patty

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2429710/publications.pdf>

Version: 2024-02-01

10
papers

167
citations

1478505

6
h-index

1720034

7
g-index

10
all docs

10
docs citations

10
times ranked

267
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging linear and circular polarization features in leaves with complete Mueller matrix polarimetry. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 1350-1363.	2.4	43
2	The Significance of Microbe-Mineral-Biomarker Interactions in the Detection of Life on Mars and Beyond. <i>Astrobiology</i> , 2015, 15, 492-507.	3.0	32
3	Circular spectropolarimetric sensing of chiral photosystems in decaying leaves. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 189, 303-311.	2.3	24
4	Circular Spectropolarimetric Sensing of Vegetation in the Field: Possibilities for the Remote Detection of Extraterrestrial Life. <i>Astrobiology</i> , 2019, 19, 1221-1229.	3.0	22
5	Reactive transport modeling of subsurface arsenic removal systems in rural Bangladesh. <i>Science of the Total Environment</i> , 2015, 537, 277-293.	8.0	16
6	Circular spectropolarimetric sensing of higher plant and algal chloroplast structural variations. <i>Photosynthesis Research</i> , 2019, 140, 129-139.	2.9	12
7	Remote Sensing of Homochirality: A Proxy for the Detection of Extraterrestrial Life. , 2018, , 29-69.		8
8	Biosignatures of the Earth. <i>Astronomy and Astrophysics</i> , 2021, 651, A68.	5.1	6
9	A snapshot full-Stokes spectropolarimeter for detecting life on Earth. , 2019, , .		3
10	Design of the life signature detection polarimeter LSDpol. , 2020, , .		1