

Samuel B Powell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6829413/publications.pdf>

Version: 2024-02-01

9
papers

281
citations

1307594

7
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

336
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioinspired polarization vision enables underwater geolocalization. <i>Science Advances</i> , 2018, 4, eaao6841.	10.3	95
2	Bioinspired Polarization Imaging Sensors: From Circuits and Optics to Signal Processing Algorithms and Biomedical Applications. <i>Proceedings of the IEEE</i> , 2014, 102, 1450-1469.	21.3	94
3	Polarisation signals: a new currency for communication. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	29
4	Animal Polarization Imaging and Implications for Optical Processing. <i>Proceedings of the IEEE</i> , 2014, 102, 1427-1434.	21.3	21
5	Polarization vision seldom increases the sighting distance of silvery fish. <i>Current Biology</i> , 2016, 26, R752-R754.	3.9	14
6	A 4-Megapixel Cooled CCD Division of Focal Plane Polarimeter for Celestial Imaging. <i>IEEE Sensors Journal</i> , 2017, 17, 2725-2733.	4.7	9
7	Thresholds of polarization vision in octopuses. <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	8
8	A five-channel LED display to investigate UV perception. <i>Methods in Ecology and Evolution</i> , 2021, 12, 602-607.	5.2	6
9	A comparison of polarization image processing across different platforms. <i>Proceedings of SPIE</i> , 2011, , .	0.8	4