

# Saraswati Behera

## List of Publications by Year in descending order

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7  
papers

189  
citations

1307594

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1720034

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docs citations

7  
times ranked

246  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermoplasmonic and Photothermal Metamaterials for Solar Energy Applications. <i>Advanced Optical Materials</i> , 2018, 6, 1800317.	7.3	48
2	Single-step optical realization of bio-inspired dual-periodic motheye and gradient-index-array photonic structures. <i>Optics Letters</i> , 2016, 41, 3579.	3.3	36
3	Submicrometer photonic structure fabrication by phase spatial-light-modulator-based interference lithography. <i>Optics Letters</i> , 2016, 41, 1893.	3.3	33
4	Solar Steam Generation and Desalination Using Ultra-Broadband Absorption in Plasmonic Alumina Nanowire Haze Structureâ€“Graphene Oxideâ€“Gold Nanoparticle Composite. <i>Langmuir</i> , 2020, 36, 12494-12503.	3.5	26
5	N-single-helix photonic-metamaterial based broadband optical range circular polarizer by induced phase lags between helices. <i>Applied Optics</i> , 2015, 54, 1212.	1.8	16
6	Plasmonic metamaterial based unified broadband absorber/near infrared emitter for thermophotovoltaic system based on hexagonally packed tungsten doughnuts. <i>Journal of Applied Physics</i> , 2017, 122, .	2.5	16
7	Design and realization of functional metamaterial basis structures through optical phase manipulation based interference lithography. <i>Journal of Optics (United Kingdom)</i> , 2017, 19, 105103.	2.2	14