

# Behrad Radfar

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Tailoring Femtosecond-Laser Processed Black Silicon for Reduced Carrier Recombination Combined with >95% Above-Bandgap Absorption. <i>Advanced Photonics Research</i> , 2022, 3, .	3.6	7
2	Perspectives on Black Silicon in Semiconductor Manufacturing: Experimental Comparison of Plasma Etching, MACE, and Fs-Laser Etching. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2022, 35, 504-510.	1.7	17
3	Millisecond-Level Minority Carrier Lifetime in Femtosecond Laser-Textured Black Silicon. <i>IEEE Photonics Technology Letters</i> , 2022, 34, 870-873.	2.5	8
4	Harnessing Carrier Multiplication in Silicon Solar Cells Using UV Photons. <i>IEEE Photonics Technology Letters</i> , 2021, 33, 1415-1418.	2.5	7
5	Effects of different laser modified surface morphologies and post-texturing cleanings on c-Si solar cell performance. <i>Renewable Energy</i> , 2020, 145, 2707-2714.	8.9	13
6	Effect of laser parameters and post-texturing treatments on the optical and electrical properties of laser textured c-Si wafers. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	6
7	Graphene synthesis, characterization and its applications in nanophotonics, nanoelectronics, and nanosensing. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 4347-4379.	2.2	135