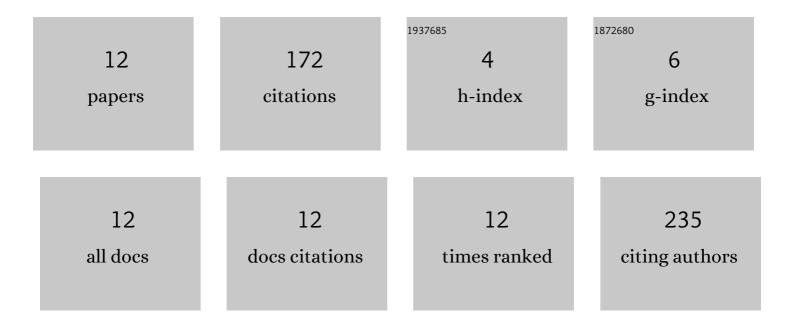
## Arash Nikniazi

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/938761/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Photonic crystal based biosensors: Emerging inverse opals for biomarker detection. Talanta, 2021, 221, 121615.	5.5	73
2	Hot-Probe Method for Majority Charge Carrier Determination in Methylammonium Lead Halide Perovskites. IEEE Journal of Photovoltaics, 2021, 11, 368-373.	2.5	2
3	Development of parabolic luminescent solar concentrators by 3D printing. , 2021, , .		1
4	Single-Crystal Bismuth Thiophosphate, BiPS <sub>4</sub> , as a Nontoxic and Mechanically Robust X-ray Detector. ACS Applied Materials & Interfaces, 2021, 13, 56296-56301.	8.0	1
5	Bulk luminescent solar concentrators based on organic-inorganic CH3NH3PbBr3 perovskite fluorophores. Solar Energy Materials and Solar Cells, 2019, 192, 44-51.	6.2	32
6	Effect of plasmonic coupling on photothermal behavior of random nanoparticles. Optics Communications, 2018, 420, 52-58.	2.1	17
7	Optimizing the concentration of colloidal suspensions in convective assembly of centimeter-sized uniform monolayer colloidal crystals. Applied Surface Science, 2018, 434, 898-904.	6.1	7
8	Solar Cells - Research and Application Perspectives. , 2013, , .		11
9	Hybrid Solar Cells Based on Silicon. , 2011, , .		1
10	Solar Cells - Silicon Wafer-Based Technologies. , 2011, , .		15
11	Optimization of Third Generation Nanostructured Silicon- Based Solar Cells. , 0, , .		7
12	Inorganic–Organic Perovskite Solar Cells. , 0, , .		5