

Ä°rem Tanyeli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4997013/publications.pdf>

Version: 2024-02-01

11
papers

321
citations

1040056

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1281871

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11
all docs

11
docs citations

11
times ranked

487
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Plasma Route to Nanostructure Materials: Case Study on the Use of m-WO ₃ for Solar Water Splitting. ACS Applied Materials & Interfaces, 2013, 5, 7621-7625.	8.0	96
2	Understanding the plasmonic properties of dewetting formed Ag nanoparticles for large area solar cell applications. Optics Express, 2013, 21, 18344.	3.4	47
3	Nanostructuring of Iron Surfaces by Low-Energy Helium Ions. ACS Applied Materials & Interfaces, 2014, 6, 3462-3468.	8.0	40
4	Surface Modifications Induced by High Fluxes of Low Energy Helium Ions. Scientific Reports, 2015, 5, 9779.	3.3	39
5	Effect of surface type on structural and optical properties of Ag nanoparticles formed by dewetting. Optics Express, 2013, 21, A798.	3.4	26
6	Bulk-Processed Pd Nanocube@Poly(methyl methacrylate) Nanocomposites as Plasmonic Plastics for Hydrogen Sensing. ACS Applied Nano Materials, 2020, 3, 8438-8445.	5.0	20
7	The electrochemistry of iron oxide thin films nanostructured by high ion flux plasma exposure. Electrochimica Acta, 2017, 258, 709-717.	5.2	15
8	Nanostructuring of iron thin films by high flux low energy helium plasma. Thin Solid Films, 2017, 631, 50-56.	1.8	11
9	Chemical sputtering of graphite by low temperature nitrogen plasmas at various substrate temperatures and ion flux densities. Journal of Applied Physics, 2013, 114, .	2.5	10
10	A nanofabricated plasmonic core@shell-nanoparticle library. Nanoscale, 2019, 11, 21207-21217.	5.6	9
11	Nanoplasmonic NO ₂ Sensor with a Sub-10 Parts per Billion Limit of Detection in Urban Air. ACS Sensors, 2022, 7, 1008-1018.	7.8	8