

Ä°rem Tanyeli

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

321
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

487
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	A nanofabricated plasmonic core-shell-nanoparticle library. Nanoscale, 2019, 11, 21207-21217.	5.6	9
4	Nanostructuring of iron thin films by high flux low energy helium plasma. Thin Solid Films, 2017, 631, 50-56.	1.8	11
5	The electrochemistry of iron oxide thin films nanostructured by high ion flux plasma exposure. Electrochimica Acta, 2017, 258, 709-717.	5.2	15
6	Surface Modifications Induced by High Fluxes of Low Energy Helium Ions. Scientific Reports, 2015, 5, 9779.	3.3	39
7	Nanostructuring of Iron Surfaces by Low-Energy Helium Ions. ACS Applied Materials & Interfaces, 2014, 6, 3462-3468.	8.0	40
8	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
9	Understanding the plasmonic properties of dewetting formed Ag nanoparticles for large area solar cell applications. Optics Express, 2013, 21, 18344.	3.4	47
10	Effect of surface type on structural and optical properties of Ag nanoparticles formed by dewetting. Optics Express, 2013, 21, A798.	3.4	26
11	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