Nazar Delegan

List of Publications by Year
in descending order

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18	395	840776 11	839539 18
papers	citations	h-index	g-index

18	18	18	674
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Capacity retention improvement of LiCoO2 cathodes via their laser-ablation-based nanodecoration by BaTiO3 nanoparticles. Journal of Applied Physics, 2022, 131, .	2.5	3
2	Designing silicon carbide heterostructures for quantum information science: challenges and opportunities. Materials for Quantum Technology, 2022, 2, 023001.	3.1	6
3	Scanning X-Ray Diffraction Microscopy for Diamond Quantum Sensing. Physical Review Applied, 2021, 16, .	3.8	6
4	Photo-electrocatalytic oxidation of atrazine using sputtured deposited TiO2: WN photoanodes under UV/visible light. Catalysis Today, 2020, 340, 323-333.	4.4	15
5	Defect engineering of codoped visible light photosensitized TiO2:WN thin-films for efficient electro-photocatalysis. Journal of Alloys and Compounds, 2020, 833, 155023.	5.5	6
6	High-Q Nanophotonic Resonators on Diamond Membranes using Templated Atomic Layer Deposition of TiO2. Nano Letters, 2020, 20, 4603-4609.	9.1	11
7	High-frequency dielectric characterization of electronic defect states in co-sputtered W-doped TiO2. Journal of Applied Physics, 2019, 125, .	2.5	2
8	Stabilization of point-defect spin qubits by quantum wells. Nature Communications, 2019, 10, 5607.	12.8	42
9	Lifetime Enhancement of Visible Light Induced Photocharges in Tungsten and Nitrogen in situ Codoped TiO2:WN Thin Films. Journal of Physical Chemistry C, 2018, 122, 5411-5419.	3.1	14
10	Removal of atrazine by photoelectrocatalytic process under sunlight using WN-codoped TiO2 photoanode. Journal of Applied Electrochemistry, 2018, 48, 1353-1361.	2.9	11
11	In-situ co-doping of sputter-deposited TiO2:WN films for the development of photoanodes intended for visible-light electro-photocatalytic degradation of emerging pollutants. Journal of Applied Physics, 2018, 123, 205101.	2.5	7
12	Degradation of atrazine in aqueous solution with electrophotocatalytic process using TiO2â^'x photoanode. Chemosphere, 2016, 157, 79-88.	8.2	36
13	Probing the Electronic Surface Properties and Bandgap Narrowing of in situ N, W, and (W,N) Doped Magnetron-Sputtered TiO₂ Films Intended for Electro-Photocatalytic Applications. Journal of Physical Chemistry C, 2016, 120, 631-638.	3.1	54
14	Correlation of sp2 carbon bonds content in magnetron-sputtered amorphous carbon films to their electrochemical H2O2 production for water decontamination applications. Carbon, 2015, 94, 988-995.	10.3	30
15	Bandgap tailoring of in-situ nitrogen-doped TiO2 sputtered films intended for electrophotocatalytic applications under solar light. Journal of Applied Physics, 2014, 116, .	2.5	52
16	Electrochemical treatment of domestic wastewater using boron-doped diamond and nanostructured amorphous carbon electrodes. Environmental Science and Pollution Research, 2014, 21, 6578-6589.	5.3	20
17	Removal of chlortetracycline from spiked municipal wastewater using a photoelectrocatalytic process operated under sunlight irradiations. Science of the Total Environment, 2014, 466-467, 300-305.	8.0	30
18	Electrochemical degradation of chlortetracycline using N-doped Ti/TiO2 photoanode under sunlight irradiations. Water Research, 2013, 47, 6801-6810.	11.3	50