Nadia Todorova

List of Publications by Year
in descending order

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43 papers	2,206 citations	279487 23 h-index	253896 43 g-index
43 all docs	43 docs citations	43 times ranked	3204 citing authors

#	Article	IF	Citations
1	Effect of processing temperature on growing bamboo-like carbon nanotubes by chemical vapor deposition. Materials Today Chemistry, 2021, 19, 100388.	1.7	6
2	Selective removal of organic and inorganic air pollutants by adjusting the g-C3N4/TiO2 ratio. Catalysis Today, 2021, 361, 37-42.	2.2	16
3	Preparation of hybrid composites of PLLA using GO/PEG masterbatch and their characterization. Journal of Thermal Analysis and Calorimetry, 2021, 143, 3385-3399.	2.0	6
4	An insight study into the parameters altering the emission of a covalent triazine framework. Journal of Materials Chemistry C, 2021, 9, 13770-13781.	2.7	3
5	Photocatalytic Reduction of CO2 over Iron-Modified g-C3N4 Photocatalysts. Photochem, 2021, 1, 462-476.	1.3	4
6	Photocatalytic H2 Evolution, CO2 Reduction, and NOx Oxidation by Highly Exfoliated g-C3N4. Catalysts, 2020, 10, 1147.	1.6	19
7	Electrochemically deposited graphene oxide thin film supercapacitors: Comparing liquid and solid electrolytes. Applied Surface Science, 2020, 528, 146801.	3.1	12
8	Novel torus shaped g-C3N4 photocatalysts. Applied Catalysis B: Environmental, 2020, 268, 118733.	10.8	56
9	2020 Roadmap on gas-involved photo- and electro- catalysis. Chinese Chemical Letters, 2019, 30, 2089-2109.	4.8	71
10	Composite Electrodes of Activated Carbon and Multiwall Carbon Nanotubes Decorated with Silver Nanoparticles for High Power Energy Storage. Journal of Composites Science, 2019, 3, 97.	1.4	16
11	Effect of TiO2 addition/coating on the performance of polydimethylsiloxane-based silicone elastomers for outdoor applications. Materials Chemistry and Physics, 2019, 223, 366-373.	2.0	22
12	2-Dimensional Clay/Reduced Graphene Oxide Ordered Heterostructures Dispersible in Water via a One-Step Hydrothermal Route. Journal of Nanoscience and Nanotechnology, 2018, 18, 4684-4691.	0.9	5
13	Enhanced NO 2 abatement by alkaline-earth modified g-C 3 N 4 nanocomposites for efficient air purification. Applied Surface Science, 2018, 430, 225-233.	3.1	33
14	Photocatalytic, self-cleaning, antireflective coating for photovoltaic panels: Characterization and monitoring in real conditions. Solar Energy, 2018, 159, 251-259.	2.9	84
15	Organoclay/Graphitic Nanoplatelets Lamellar Hybrid Composites. Journal of Nanoscience and Nanotechnology, 2018, 18, 7797-7803.	0.9	4
16	Chemical vs thermal exfoliation of g-C3N4 for NOx removal under visible light irradiation. Applied Catalysis B: Environmental, 2018, 239, 16-26.	10.8	185
17	Physical Properties of Photo-Aged Graphene/Polypropylene Nanocomposites. Journal of Nanoscience and Nanotechnology, 2018, 18, 5033-5041.	0.9	3
18	Tailoring the energy band gap and edgesâ€™ potentials of g-C 3 N 4 /TiO 2 composite photocatalysts for NO x removal. Chemical Engineering Journal, 2017, 310, 571-580.	6.6	325

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19	Self-propagating solar light reduction of graphite oxide in water. Applied Surface Science, 2017, 391, 601-608.	3.1	25
20	Mechanical performance of re-extruded and aged graphene/polypropylene nanocomposites. Polymer International, 2017, 66, 1716-1724.	1.6	13
21	Novel â€˜Pickeringâ€™ modified TiO 2 photocatalysts with high De-NOx efficiency. Catalysis Today, 2017, 287, 45-51.	2.2	11
22	Photocatalytic activity of modified g-C 3 N 4 /TiO 2 nanocomposites for NOx removal. Catalysis Today, 2017, 280, 37-44.	2.2	94
23	The environment effect on the electrical conductivity and photoconductivity of anatase TiO2 nanoplates with silver nanoparticles photodeposited on {101} crystal facets. Materials Science in Semiconductor Processing, 2016, 56, 386-393.	1.9	5
24	Recycling of typical supercapacitor materials. Waste Management and Research, 2016, 34, 337-344.	2.2	30
25	TiO2/graphene composite photocatalysts for NOx removal: A comparison of surfactant-stabilized graphene and reduced graphene oxide. Applied Catalysis B: Environmental, 2016, 180, 637-647.	10.8	199
26	Effect of processing temperature on structure and photocatalytic properties of g-C3N4. Applied Surface Science, 2015, 358, 278-286.	3.1	267
27	Decoration of crumpled rGO sheets with Ag nanoparticles by spray pyrolysis. Applied Surface Science, 2015, 358, 84-90.	3.1	11
28	Photocatalytic NOx oxidation over modified ZnO/TiO2 thin films. Catalysis Today, 2015, 252, 41-46.	2.2	48
29	Composite TiO2/clays materials for photocatalytic NOx oxidation. Applied Surface Science, 2014, 319, 113-120.	3.1	102
30	TiO2 functionalization for efficient NOx removal in photoactive cement. Applied Surface Science, 2014, 319, 29-36.	3.1	44
31	Optical and photocatalytic properties of composite TiO2/ZnO thin films. Catalysis Today, 2014, 230, 174-180.	2.2	54
32	N and N,S-doped TiO2 photocatalysts and their activity in NOx oxidation. Catalysis Today, 2013, 209, 41-46.	2.2	54
33	N- and N, C-Doped TiO₂ Powders and Their Visible Light Activity. Nanoscience and Nanotechnology Letters, 2013, 5, 475-479.	0.4	4
34	Composite hydroxyapatite/TiO2 materials for photocatalytic oxidation of NOx. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2012, 177, 1046-1052.	1.7	77
35	Thermal treatment effect on structure, electrical conductivity and transient photoconductivity behavior of thiourea modified TiO2 solâ€“gel thin films. Journal of Alloys and Compounds, 2011, 509, 7253-7258.	2.8	19
36	Hydroxyapatite/titanium dioxide nanocomposites for controlled photocatalytic NO oxidation. Applied Catalysis B: Environmental, 2011, 106, 398-404.	10.8	87

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37	Photocatalytic Degradation of Mecoprop and Clopyralid in Aqueous Suspensions of Nanostructured N-doped TiO2. Molecules, 2010, 15, 2994-3009.	1.7	50
38	The effect of thermal treatment on antibacterial properties of nanostructured TiO2(N) films illuminated with visible light. World Journal of Microbiology and Biotechnology, 2009, 25, 27-31.	1.7	29
39	Description of TiO2 thin films treated in NH3 atmosphere by optical dispersion models. Thin Solid Films, 2009, 517, 6694-6699.	0.8	11
40	Investigation on the nitrogen doping of multilayered, porous TiO2 thin films. Thin Solid Films, 2008, 516, 8184-8189.	0.8	32
41	Structure tailoring of fluorine-doped TiO2 nanostructured powders. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 152, 50-54.	1.7	36
42	Doped Sol-gel TiO₂Films for Biological Applications. Bulletin of the Korean Chemical Society, 2008, 29, 1038-1042.	1.0	9
43	Effect of fluorine doping and SiO2 under-layer on the optical properties of TiO2 thin films. Materials Letters, 2007, 61, 4474-4477.	1.3	25