MaÅ‚gorzata Aleksandrzak

List of Publications by Year
in descending order

31 papers	1,849 citations	471061 17 h-index	454577 30 g-index
33 all docs	33 docs citations	33 times ranked	3389 citing authors

#	Article	IF	Citations
1	Fabrication and characterization of a TiBs@MCN cable-like photocatalyst with high photocatalytic performance under visible light irradiation. New Journal of Chemistry, 2022, 46, 6319-6329.	1.4	3
2	Nickel Nanoparticles Encapsulated in Nitrogenâ€Doped Carbon Nanofibers as Excellent Bifunctional Catalyst for Hydrogen and Oxygen Evolution Processes. ChemCatChem, 2022, 14, .	1.8	4
3	Boosting of photocatalytic hydrogen evolution via chlorine doping of polymeric carbon nitride. Beilstein Journal of Nanotechnology, 2021, 12, 473-484.	1.5	12
4	Bifunctional Polymeric Carbon Nitride via Tuning Fabrication Conditions for Photocatalysis. Catalysts, 2021, 11, 651.	1.6	5
5	0D, 1D, 2D molybdenum disulfide functionalized by 2D polymeric carbon nitride for photocatalytic water splitting. Nanotechnology, 2021, 32, 355703.	1.3	4
6	Influence of Hydrogenation on Morphology, Chemical Structure and Photocatalytic Efficiency of Graphitic Carbon Nitride. International Journal of Molecular Sciences, 2021, 22, 13096.	1.8	18
7	Oxidized SWCNT and MWCNT as co-catalysts of polymeric carbon nitride for photocatalytic hydrogen evolution. Applied Surface Science, 2020, 508, 145144.	3.1	17
8	Mesoporous carbon/graphitic carbon nitride spheres for photocatalytic H2 evolution under solar light irradiation. International Journal of Hydrogen Energy, 2020, 45, 8618-8628.	3.8	24
9	Mechanical properties cement based composites modified with nano-Fe3O4/SiO2. Construction and Building Materials, 2020, 251, 118945.	3.2	15
10	Enhancement of photocatalytic hydrogen evolution with catalysts based on carbonized MOF-5 and g-C₃N₄. RSC Advances, 2020, 10, 4032-4039.	1.7	21
11	Superior synergy of g-C3N4/Cd compounds and Al-MOF-derived nanoporous carbon for photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2019, 257, 117906.	10.8	62
12	Size-Dependent in Vitro Biocompatibility and Uptake Process of Polymeric Carbon Nitride. ACS Applied Materials & Interfaces, 2019, 11, 47739-47749.	4.0	14
13	Core/Shell Structure of Mesoporous Carbon Spheres and g-C3N4 for Acid Red 18 Decolorization. Catalysts, 2019, 9, 1007.	1.6	8
14	Adsorption of anionic azo-dyes from aqueous solutions onto graphene oxide: Equilibrium, kinetic and thermodynamic studies. Journal of Colloid and Interface Science, 2017, 496, 188-200.	5.0	331
15	Equilibrium, kinetic and thermodynamic studies on adsorption of cationic dyes from aqueous solutions using graphene oxide. Chemical Engineering Research and Design, 2017, 123, 35-49.	2.7	126
16	Graphitic carbon nitride/graphene oxide/reduced graphene oxide nanocomposites for photoluminescence and photocatalysis. Applied Surface Science, 2017, 398, 56-62.	3.1	118
17	Equilibrium and kinetics studies for the adsorption of Ni²⁺ and Fe³⁺ ions from aqueous solution by graphene oxide. Polish Journal of Chemical Technology, 2017, 19, 120-129.	0.3	20
18	Graphene-based electrochemical biosensing system for medical diagnostics. , 2017, , .		1

#	Article	IF	Citations
19	A biofunctionalizable ink platform composed of catechol-modified chitosan and reduced graphene oxide/platinum nanocomposite. Beilstein Journal of Nanotechnology, 2017, 8, 1508-1514.	1.5	13
20	Reduced graphene oxide and inorganic nanoparticles composites â€“ synthesis and characterization. Polish Journal of Chemical Technology, 2015, 17, 95-103.	0.3	10
21	Effect of graphene thickness on photocatalytic activity of TiO2-graphene nanocomposites. Applied Surface Science, 2015, 331, 193-199.	3.1	73
22	Nanocomposite of cement/graphene oxide â€“ Impact on hydration kinetics and Youngâ€™s modulus. Construction and Building Materials, 2015, 78, 234-242.	3.2	168
23	Palladium nanoparticles deposited on graphene and its electrochemical performance for glucose sensing. Applied Surface Science, 2015, 355, 587-592.	3.1	36
24	Chemical and magnetic functionalization of graphene oxide as a route to enhance its biocompatibility. Nanoscale Research Letters, 2014, 9, 656.	3.1	77
25	Reduced graphene oxide nanocomposites with different diameters and crystallinity of TiO₂ nanoparticles â€“ synthesis, characterization and photocatalytic activity. International Journal of Materials Research, 2014, 105, 900-906.	0.1	4
26	Covalent conjugation of graphene oxide with methotrexate and its antitumor activity. Chemical Physics Letters, 2013, 568-569, 151-156.	1.2	43
27	Controlled oxidation of graphite to graphene oxide with novel oxidants in a bulk scale. Journal of Nanoparticle Research, 2012, 14, 1248.	0.8	62
28	Synthesis, dispersion, and cytocompatibility of graphene oxide and reduced graphene oxide. Colloids and Surfaces B: Biointerfaces, 2012, 89, 79-85.	2.5	354
29	Photocatalytic performance of titania nanospheres deposited on graphene in coumarin oxidation reaction. Materials Science-Poland, 2012, 30, 32-38.	0.4	23
30	Synthesis and photocatalytic performance of TiO2 nanospheresâ€“graphene nanocomposite under visible and UV light irradiation. Journal of Materials Science, 2012, 47, 3185-3190.	1.7	56
31	Synthesis, Growth Mechanism, and Electrochemical Properties of Hollow Mesoporous Carbon Spheres with Controlled Diameter. Journal of Physical Chemistry C, 2011, 115, 17717-17724.	1.5	125