

MaÅ,gorzata Aleksandrak

List of Publications by Year in descending order

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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	Synthesis, dispersion, and cytocompatibility of graphene oxide and reduced graphene oxide. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 89, 79-85.	2.5	354
2	Adsorption of anionic azo-dyes from aqueous solutions onto graphene oxide: Equilibrium, kinetic and thermodynamic studies. <i>Journal of Colloid and Interface Science</i> , 2017, 496, 188-200.	5.0	331
3	Nanocomposite of cement/graphene oxide – Impact on hydration kinetics and Young's modulus. <i>Construction and Building Materials</i> , 2015, 78, 234-242.	3.2	168
4	Equilibrium, kinetic and thermodynamic studies on adsorption of cationic dyes from aqueous solutions using graphene oxide. <i>Chemical Engineering Research and Design</i> , 2017, 123, 35-49.	2.7	126
5	Synthesis, Growth Mechanism, and Electrochemical Properties of Hollow Mesoporous Carbon Spheres with Controlled Diameter. <i>Journal of Physical Chemistry C</i> , 2011, 115, 17717-17724.	1.5	125
6	Graphitic carbon nitride/graphene oxide/reduced graphene oxide nanocomposites for photoluminescence and photocatalysis. <i>Applied Surface Science</i> , 2017, 398, 56-62.	3.1	118
7	Chemical and magnetic functionalization of graphene oxide as a route to enhance its biocompatibility. <i>Nanoscale Research Letters</i> , 2014, 9, 656.	3.1	77
8	Effect of graphene thickness on photocatalytic activity of TiO ₂ -graphene nanocomposites. <i>Applied Surface Science</i> , 2015, 331, 193-199.	3.1	73
9	Controlled oxidation of graphite to graphene oxide with novel oxidants in a bulk scale. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1248.	0.8	62
10	Superior synergy of g-C ₃ N ₄ /Cd compounds and Al-MOF-derived nanoporous carbon for photocatalytic hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2019, 257, 117906.	10.8	62
11	Synthesis and photocatalytic performance of TiO ₂ nanospheres-graphene nanocomposite under visible and UV light irradiation. <i>Journal of Materials Science</i> , 2012, 47, 3185-3190.	1.7	56
12	Covalent conjugation of graphene oxide with methotrexate and its antitumor activity. <i>Chemical Physics Letters</i> , 2013, 568-569, 151-156.	1.2	43
13	Palladium nanoparticles deposited on graphene and its electrochemical performance for glucose sensing. <i>Applied Surface Science</i> , 2015, 355, 587-592.	3.1	36
14	Mesoporous carbon/graphitic carbon nitride spheres for photocatalytic H ₂ evolution under solar light irradiation. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 8618-8628.	3.8	24
15	Photocatalytic performance of titania nanospheres deposited on graphene in coumarin oxidation reaction. <i>Materials Science-Poland</i> , 2012, 30, 32-38.	0.4	23
16	Enhancement of photocatalytic hydrogen evolution with catalysts based on carbonized MOF-5 and g-C ₃ N ₄ . <i>RSC Advances</i> , 2020, 10, 4032-4039.	1.7	21
17	Equilibrium and kinetics studies for the adsorption of Ni ²⁺ and Fe ³⁺ ions from aqueous solution by graphene oxide. <i>Polish Journal of Chemical Technology</i> , 2017, 19, 120-129.	0.3	20
18	Influence of Hydrogenation on Morphology, Chemical Structure and Photocatalytic Efficiency of Graphitic Carbon Nitride. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13096.	1.8	18

#	ARTICLE	IF	CITATIONS
19	Oxidized SWCNT and MWCNT as co-catalysts of polymeric carbon nitride for photocatalytic hydrogen evolution. <i>Applied Surface Science</i> , 2020, 508, 145144.	3.1	17
20	Mechanical properties cement based composites modified with nano-Fe ₃ O ₄ /SiO ₂ . <i>Construction and Building Materials</i> , 2020, 251, 118945.	3.2	15
21	Size-Dependent in Vitro Biocompatibility and Uptake Process of Polymeric Carbon Nitride. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 47739-47749.	4.0	14
22	A biofunctionalizable ink platform composed of catechol-modified chitosan and reduced graphene oxide/platinum nanocomposite. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 1508-1514.	1.5	13
23	Boosting of photocatalytic hydrogen evolution via chlorine doping of polymeric carbon nitride. <i>Beilstein Journal of Nanotechnology</i> , 2021, 12, 473-484.	1.5	12
24	Reduced graphene oxide and inorganic nanoparticles composites – synthesis and characterization. <i>Polish Journal of Chemical Technology</i> , 2015, 17, 95-103.	0.3	10
25	Core/Shell Structure of Mesoporous Carbon Spheres and g-C ₃ N ₄ for Acid Red 18 Decolorization. <i>Catalysts</i> , 2019, 9, 1007.	1.6	8
26	Bifunctional Polymeric Carbon Nitride via Tuning Fabrication Conditions for Photocatalysis. <i>Catalysts</i> , 2021, 11, 651.	1.6	5
27	Reduced graphene oxide nanocomposites with different diameters and crystallinity of TiO ₂ nanoparticles – synthesis, characterization and photocatalytic activity. <i>International Journal of Materials Research</i> , 2014, 105, 900-906.	0.1	4
28	0D, 1D, 2D molybdenum disulfide functionalized by 2D polymeric carbon nitride for photocatalytic water splitting. <i>Nanotechnology</i> , 2021, 32, 355703.	1.3	4
29	Nickel Nanoparticles Encapsulated in Nitrogen-Doped Carbon Nanofibers as Excellent Bifunctional Catalyst for Hydrogen and Oxygen Evolution Processes. <i>ChemCatChem</i> , 2022, 14, .	1.8	4
30	Fabrication and characterization of a TiBs@MCN cable-like photocatalyst with high photocatalytic performance under visible light irradiation. <i>New Journal of Chemistry</i> , 2022, 46, 6319-6329.	1.4	3
31	Graphene-based electrochemical biosensing system for medical diagnostics. , 2017, , .		1