

Magerusan Lidia

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34
papers

728
citations

15
h-index

26
g-index

36
ext. papers

894
ext. citations

4.2
avg. IF

4.19
L-index

#	Paper	IF	Citations
34	Hydrothermal Synthesis of Nitrogen, Boron Co-Doped Graphene with Enhanced Electro-Catalytic Activity for Cymoxanil Detection. <i>Sensors</i> , 2021 , 21,	3.8	2
33	Enantioanalysis of glutamine-a key factor in establishing the metabolomics process in gastric cancer. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 3199-3207	4.4	13
32	Thermally reduced graphene oxide as green and easily available adsorbent for Sunset yellow decontamination. <i>Environmental Research</i> , 2020 , 182, 109047	7.9	12
31	Cytotoxicity mechanisms of nitrogen-doped graphene obtained by electrochemical exfoliation of graphite rods, on human endothelial and colon cancer cells. <i>Carbon</i> , 2020 , 158, 267-281	10.4	15
30	Enantioanalysis of tryptophan in whole blood samples using stochastic sensors-A screening test for gastric cancer. <i>Chirality</i> , 2020 , 32, 215-222	2.1	10
29	Cerium Oxide Nanoparticles and Their Efficient Antibacterial Application against Gram-Positive and Gram-Negative Pathogens. <i>Nanomaterials</i> , 2020 , 10,	5.4	25
28	A brief overview on synthesis and applications of graphene and graphene-based nanomaterials. <i>Frontiers of Materials Science</i> , 2019 , 13, 23-32	2.5	83
27	Molecular Enantio recognition of D- and L-Glucose in Urine and Whole Blood Samples. <i>Journal of the Electrochemical Society</i> , 2019 , 166, B3109-B3115	3.9	13
26	Graphene-based materials produced by graphite electrochemical exfoliation in acidic solutions: Application to Sunset Yellow voltammetric detection. <i>Microchemical Journal</i> , 2019 , 147, 112-120	4.8	21
25	Exfoliation of graphite rods via pulses of current for graphene synthesis: Sensitive detection of 8-hydroxy-2Xdeoxyguanosine. <i>Talanta</i> , 2019 , 196, 182-190	6.2	20
24	Graphene/TiO ₂ -Ag Based Composites Used as Sensitive Electrode Materials for Amaranth Electrochemical Detection and Degradation. <i>Journal of the Electrochemical Society</i> , 2018 , 165, B3054-B3059	3.9	10
23	Sensitive detection of hydroquinone using exfoliated graphene-Au/glassy carbon modified electrode. <i>Nanotechnology</i> , 2018 , 29, 095501	3.4	11
22	Spectroscopic Characterization of Dental Ceramics Composed of Yttrium-Stabilized Zirconium. <i>Analytical Letters</i> , 2018 , 51, 2544-2550	2.2	1
21	Graphene-porphyrin composite synthesis through graphite exfoliation: The electrochemical sensing of catechol. <i>Sensors and Actuators B: Chemical</i> , 2018 , 256, 665-673	8.5	30
20	Green methodology for the preparation of chitosan/graphene nanomaterial through electrochemical exfoliation and its applicability in Sunset Yellow detection. <i>Electrochimica Acta</i> , 2018 , 283, 578-589	6.7	37
19	Electrochemical platform based on nitrogen-doped graphene/chitosan nanocomposite for selective Pb detection. <i>Nanotechnology</i> , 2017 , 28, 114001	3.4	24
18	Azo dyes degradation using TiO ₂ -Pt/graphene oxide and TiO ₂ -Pt/reduced graphene oxide photocatalysts under UV and natural sunlight irradiation. <i>Solid State Sciences</i> , 2017 , 70, 13-20	3.4	57

17	Cytotoxicity of methylcellulose-based films containing graphenes and curcumin on human lung fibroblasts. <i>Process Biochemistry</i> , 2017 , 52, 243-249	4.8	10
16	Enhancement of peroxidase-like activity of N-doped graphene assembled with iron-tetrapyrridylporphyrin. <i>RSC Advances</i> , 2016 , 6, 79497-79506	3.7	13
15	Charge transfer-resistance in nitrogen-doped/undoped graphene: Its influence on the electro-catalytic reduction of H ₂ O ₂ . <i>Electrochimica Acta</i> , 2016 , 220, 664-671	6.7	7
14	Graphene oxide vs. reduced graphene oxide as carbon support in porphyrin peroxidase biomimetic nanomaterials. <i>Talanta</i> , 2016 , 148, 511-7	6.2	21
13	Simple and cost-effective synthesis of graphene by electrochemical exfoliation of graphite rods. <i>RSC Advances</i> , 2016 , 6, 2651-2661	3.7	86
12	Graphene-bimetallic nanoparticle composites with enhanced electro-catalytic detection of bisphenol A. <i>Nanotechnology</i> , 2016 , 27, 484001	3.4	22
11	Photocatalytic performance of graphene/TiO ₂ -Ag composites on amaranth dye degradation. <i>Materials Chemistry and Physics</i> , 2016 , 179, 232-241	4.4	48
10	Graphene based nanomaterials as chemical sensors for hydrogen peroxide – A comparison study of their intrinsic peroxidase catalytic behavior. <i>Sensors and Actuators B: Chemical</i> , 2015 , 213, 474-483	8.5	77
9	Diazonium salt-mediated synthesis of new amino, hydroxy, propargyl, and maleinimido-containing superparamagnetic Fe@C nanoparticles as platforms for linking bio-entities or organocatalytic moieties. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1	2.3	5
8	Developing novel strategies for the functionalization of core-shell magnetic nanoparticles with folic acid derivatives. <i>Materials Chemistry and Physics</i> , 2015 , 162, 131-139	4.4	7
7	Diazo transfer at polydopamine – a new way to functionalization. <i>Polymer Chemistry</i> , 2014 , 5, 6593-6599	4.9	17
6	Magnetite nanoparticles coated with alkyne-containing polyacrylates for click chemistry. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	7
5	One-step ligand exchange reaction as an efficient way for functionalization of magnetic nanoparticles. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	2
4	MAGNETIC CLUSTERS DEVELOPMENT IN OXIDIZED CeNi ₅ POWDER. <i>Modern Physics Letters B</i> , 2011 , 25, 11-20	1.6	1
3	Magnetic cluster development in In _{1-x} MnxSb semiconductor alloys. <i>Open Physics</i> , 2010 , 8,	1.3	7
2	X-ray photoelectron spectroscopy and magnetism of Mn _{1-x} AlxNi alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 2009 , 321, 3415-3421	2.8	10
1	X-ray photoelectron spectroscopy and magnetism of Mn _{1-x} Alx alloys. <i>Open Physics</i> , 2008 , 6,	1.3	3