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## List of Publications by Year in descending order

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45  
papers

592  
citations

516561

16  
h-index

677027

22  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1076  
citing authors

#	ARTICLE	IF	CITATIONS
1	Luminescence imaging and toxicity assessment of graphene quantum dots using <i>in vitro</i> models. Fullerenes Nanotubes and Carbon Nanostructures, 2022, 30, 657-666.	1.0	5
2	Interfacial electronic coupling and band alignment of P3HT and exfoliated black phosphorous van der Waals heterojunctions. Applied Surface Science, 2021, 541, 148455.	3.1	5
3	Charge-transfer dynamics in van der Waals heterojunctions formed by thiophene-based semiconductor polymers and exfoliated frangeite investigated from resonantly core-excited electrons. Physical Chemistry Chemical Physics, 2021, 23, 16795-16805.	1.3	8
4	Gold nanoparticles produced using NaBH <sub>4</sub> in absence and in the presence of one-tail or two-tail cationic surfactants: Characteristics and optical responses induced by aminoglycosides. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 614, 126174.	2.3	11
5	Niobium pentoxide nanoparticles decorated graphene as electrode material in aqueous-based supercapacitors: Accurate determination of the working voltage window and the analysis of the distributed capacitance in the time domain. Journal of Energy Storage, 2021, 44, 103371.	3.9	16
6	Voltammetric determination of creatinine using a gold electrode modified with Nafion mixed with graphene quantum dots-copper. Journal of Electroanalytical Chemistry, 2020, 878, 114561.	1.9	18
7	Square Wave Voltammetric Determination of 8-Hydroxyquinoline-2-Carboxaldehyde Isonicotinoyl Hydrazone (INH HQ), a Promising Metal-Protein Attenuating Compound for the Treatment of Alzheimer's Disease, Using a Multiwalled Carbon Nanotube (MWCNT) Modified Glassy Carbon Electrode (GCE). Analytical Letters, 2020, 53, 2337-2354.	1.0	1
8	Indirect voltammetric determination of thiomersal in influenza vaccine using photo-degradation and graphene quantum dots modified glassy carbon electrode. Talanta, 2020, 215, 120938.	2.9	7
9	Screening effect of CVD graphene on the surface free energy of substrates. Physical Chemistry Chemical Physics, 2020, 22, 16672-16680.	1.3	4
10	Photo-generation of mercury cold vapor mediated by graphene quantum dots/TiO <sub>2</sub> nanocomposite: On line time-resolved speciation at ultra-trace levels. Analytica Chimica Acta, 2020, 1127, 256-268.	2.6	9
11	Methanol Electrooxidation on Nickel Nanoparticles Decorating Graphite Flakes Surface. Electrocatalysis, 2020, 11, 259-267.	1.5	4
12	Phase transition and electronic structure investigation of MoS <sub>2</sub> -reduced graphene oxide nanocomposite decorated with Au nanoparticles. Nanotechnology, 2019, 30, 475707.	1.3	20
13	Square-wave voltammetric determination of primaquine in urine using a multi-walled carbon nanotube modified electrode. Microchemical Journal, 2019, 150, 104201.	2.3	12
14	Characterization of nitrogen doped graphene bilayers synthesized by fast, low temperature microwave plasma-enhanced chemical vapour deposition. Scientific Reports, 2019, 9, 13715.	1.6	33
15	Quantification of neomycin in rubella vaccine by off/on metal ion mediated photoluminescence from functionalized graphene quantum dots. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 220, 117139.	2.0	6
16	Novel electrochemical sensor based on molecularly imprinted polymer for selective recognition of sesquiterpene $\beta$ -caryophyllene. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 217, 271-277.	2.0	9
17	Species selective charge transfer dynamics in a P3HT/MoS <sub>2</sub> van der Waals heterojunction: fluorescence lifetime microscopy and core hole clock spectroscopy approaches. Physical Chemistry Chemical Physics, 2019, 21, 23521-23532.	1.3	19
18	Facile synthesis of nTiO <sub>2</sub> phase mixture: Characterization and catalytic performance. Materials Research Bulletin, 2019, 109, 60-71.	2.7	24

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19	Adhesion between graphene and polymers: A surface analysis perspective. EXPRESS Polymer Letters, 2019, 13, 52-64.	1.1	6
20	Direct dry transfer of CVD graphene to an optical substrate by in situ photo-polymerization. Applied Surface Science, 2018, 440, 55-60.	3.1	15
21	Field Effect Transistors based on Graphene Micro Wires Defined by Lithography and Plasma Etching. , 2018, , .		1
22	Gold nanoparticles coupled with graphene quantum dots in organized medium to quantify aminoglycoside anti-biotics in yellow fever vaccine after solid phase extraction using a selective imprinted polymer. Journal of Pharmaceutical and Biomedical Analysis, 2018, 158, 480-493.	1.4	10
23	Photoluminescence suppression effect caused by histamine on amino-functionalized graphene quantum dots with the mediation of Fe <sup>3+</sup> , Cu <sup>2+</sup> , Eu <sup>3+</sup> : Application in the analysis of spoiled tuna fish. Microchemical Journal, 2017, 133, 448-459.	2.3	21
24	Ultrafast charge transfer dynamics pathways in two-dimensional MoS <sub>2</sub> ‐graphene heterostructures: a core-hole clock approach. Physical Chemistry Chemical Physics, 2017, 19, 29954-29962.	1.3	31
25	Glowing synthetic chlorohectorite: The luminescent features of a trioctahedral clay mineral. Journal of Luminescence, 2017, 192, 567-573.	1.5	5
26	Graphene Grown by Chemical Vapour Deposition on Steel Substrates: Friction Behaviour. Tribology Letters, 2017, 65, 1.	1.2	7
27	Incorporation of Boron Atoms on Graphene Grown by Chemical Vapor Deposition Using Triisopropyl Borate as a Single Precursor. Journal of Nanomaterials, 2017, 2017, 1-8.	1.5	8
28	Synthesis of oxocarbon-encapsulated gold nanoparticles with blue-shifted localized surface plasmon resonance by pulsed laser ablation in water with CO <sub>2</sub> absorbers. Nanotechnology, 2016, 27, 255602.	1.3	16
29	Phosphorus incorporation in single-walled carbon nanotubes produced by low-pressure CVD. Physica Status Solidi (B): Basic Research, 2016, 253, 2528-2533.	0.7	2
30	Physicochemical structure of SiC <sub>x</sub> :H to improve DLC adhesion on steel. Surface Engineering, 2016, 32, 779-785.	1.1	26
31	<i>In vitro</i> Antifungal Activity of <i>Baccharis trimera</i> Less (DC) Essential Oil against Dermatophytes. Tropical Journal of Pharmaceutical Research, 2015, 14, 2083.	0.2	22
32	Electronic structure and ultrafast charge transfer dynamics of phosphorous doped graphene layers on a copper substrate: a combined spectroscopic study. RSC Advances, 2015, 5, 74189-74197.	1.7	22
33	Direct transfer of graphene films for polyurethane substrate. Applied Surface Science, 2015, 356, 1300-1305.	3.1	6
34	Synthesis and characterization of graphene layers prepared by low-pressure chemical vapor deposition using triphenylphosphine as precursor. Materials Chemistry and Physics, 2015, 166, 37-41.	2.0	10
35	Synthesis and Characterization of Silver Nanoparticle-Multiwalled Carbon Nanotube Composites. Journal of Nanomaterials, 2014, 2014, 1-7.	1.5	23
36	Determination of captopril using selective photoluminescence enhancement of 2-mercaptopropionic modified CdTe quantum dots. Materials Research Express, 2014, 1, 026202.	0.8	6

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37	Selective determination of tobramycin in the presence of streptomycin through the visible light effect on surface plasmon resonance of gold nanoparticles. <i>Microchemical Journal</i> , 2014, 116, 206-215.	2.3	22
38	Graphene microwave absorber: Transparent, lightweight, flexible, and cost-effective. <i>Microwave and Optical Technology Letters</i> , 2014, 56, 560-563.	0.9	14
39	Quantification of thyroxine by the selective photoluminescence quenching of l-cysteine-ZnS quantum dots in aqueous solution containing hexadecyltrimethylammonium bromide. <i>Journal of Luminescence</i> , 2014, 156, 16-24.	1.5	21
40	Influence of Surface Microstructure and Chemical Composition on the Corrosion Resistance of Plain Steel Modified by Plasma-Assisted Diffusion. <i>Corrosion</i> , 2014, 70, 271-282.	0.5	1
41	Estimating the boron doping level on single wall carbon nanotubes using Raman spectroscopy. <i>Materials Letters</i> , 2013, 92, 224-226.	1.3	5
42	Characterization of phosphorus-doped multiwalled carbon nanotubes. <i>Journal of Applied Physics</i> , 2012, 111, .	1.1	30
43	Multiwalled Carbon Nanotubes Decorated with Cobalt Oxide Nanoparticles. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-5.	1.5	17
44	Production and Characterization of Boron-Doped Single Wall Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2012, 116, 3281-3285.	1.5	32
45	Determination of Creatinine in Urine by Voltammetry and Glassy Carbon Electrode Modified with Functionalized Multiwalled Carbon Nanotubes and Copper. <i>Electroanalysis</i> , 0, , .	1.5	0