

Ahmet Aenocak

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,146
citations

279778

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414395

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docs citations

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times ranked

997
citing authors

#	ARTICLE	IF	CITATIONS
1	A facile and synergetic strategy for electrochemical sensing of rutin antioxidant by Ce ⁴⁺ /Cr doped magnetite@rGO. <i>Materials Chemistry and Physics</i> , 2022, 275, 125298.	4.0	23
2	Core-shell Hierarchical Enzymatic Biosensor Based on Hyaluronic Acid Capped Copper Ferrite Nanoparticles for Determination of Endocrine-disrupting Bisphenol A. <i>Electroanalysis</i> , 2022, 34, 561-572.	2.9	12
3	Crosslinker polycarbazole supported magnetite MOF@CNT hybrid material for synergetic and selective voltammetric determination of adenine and guanine. <i>Journal of Electroanalytical Chemistry</i> , 2022, 905, 115963.	3.8	20
4	An electrochemical sensor for detection of trace-level endocrine disruptor bisphenol A using Mo ₂ Ti ₂ AlC ₃ MAX phase/MWCNT composite modified electrode. <i>Environmental Research</i> , 2022, 212, 113071.	7.5	55
5	Ultrasensitive electrochemical sensor for detection of rutin antioxidant by layered Ti ₃ Al _{0.5} Cu _{0.5} C ₂ MAX phase. <i>Food and Chemical Toxicology</i> , 2022, 164, 113016.	3.6	23
6	Sensitive, simple and fast voltammetric determination of pesticides in juice samples by novel BODIPY-phthalocyanine-SWCNT hybrid platform. <i>Food and Chemical Toxicology</i> , 2021, 147, 111886.	3.6	26
7	Novel SWCNT-hybrid nanomaterial functionalized with subphthalocyanine substituted asymmetrical zinc (II) phthalocyanine conjugate: Design, synthesis, characterization and sensor properties for pesticides. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129198.	7.8	26
8	A synergetic and sensitive physostigmine pesticide sensor using copper complex of 3D zinc (II) phthalocyanine-SWCNT hybrid material. <i>Biosensors and Bioelectronics</i> , 2021, 174, 112819.	10.1	28
9	A hybrid nanosensor based on novel fluorescent iron oxide nanoparticles for highly selective determination of Hg ²⁺ ions in environmental samples. <i>New Journal of Chemistry</i> , 2021, 45, 14495-14507.	2.8	24
10	The Simultaneously Voltammetric Determination of Spinosad and Chlorantraniliprole Pesticides by Carbazole-Ferrocene Functionalized Carbon Nanotube Architecture. <i>Journal of the Electrochemical Society</i> , 2021, 168, 087513.	2.9	11
11	Coumarin bearing asymmetrical zinc(II) phthalocyanine functionalized SWCNT hybrid nanomaterial: Synthesis, characterization and investigation of bifunctional electrocatalyst behavior for water splitting. <i>Journal of Electroanalytical Chemistry</i> , 2021, 897, 115552.	3.8	15
12	A new perspective for electrochemical determination of parathion and chlorantraniliprole pesticides via carbon nanotube-based thiophene-ferrocene appended hybrid nanosensor. <i>Sensors and Actuators B: Chemical</i> , 2021, 345, 130344.	7.8	42
13	A turn-on small molecule fluorescent sensor for the determination of Al ³⁺ ion in real samples: theoretical calculations, and photophysical and electrochemical properties. <i>New Journal of Chemistry</i> , 2021, 45, 18400-18411.	2.8	26
14	3D, covalent and noncovalent hybrid materials based on 3-phenylcoumarin derivatives and single walled carbon nanotubes as gas sensing layers. <i>Applied Surface Science</i> , 2020, 504, 144276.	6.1	15
15	Fast, Simple and Sensitive Determination of Coumaric Acid in Fruit Juice Samples by Magnetite Nanoparticles@zeolitic Imidazolate Framework Material. <i>Electroanalysis</i> , 2020, 32, 2330-2339.	2.9	13
16	Fluorescence determination of trace level of cadmium with pyrene modified nanocrystalline cellulose in food and soil samples. <i>Food and Chemical Toxicology</i> , 2020, 146, 111847.	3.6	39
17	Differential Pulse Voltammetric Determination of Anticancer Drug Regorafenib at a Carbon Paste Electrode: Electrochemical Study and Density Functional Theory Computations. <i>Journal of Analytical Chemistry</i> , 2020, 75, 691-700.	0.9	6
18	A Hybrid Nanomaterial Based on Single Walled Carbon Nanotubes Cross-Linked via Axially Substituted Silicon (IV) Phthalocyanine for Chemiresistive Sensors. <i>Molecules</i> , 2020, 25, 2073.	3.8	22

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19	Ultrasensitive detection of rutin antioxidant through a magnetic micro-mesoporous graphitized carbon wrapped Co nanoarchitecture. <i>Sensors and Actuators B: Chemical</i> , 2020, 312, 127939.	7.8	60
20	Synthesis, optical, and structural properties of bisphenol-bridged aromatic cyclic phosphazenes. <i>Turkish Journal of Chemistry</i> , 2020, 44, 48-63.	1.2	3
21	New cyclotriphosphazene ligand containing imidazole rings and its one-dimensional copper(II) coordination polymer. <i>Journal of Molecular Structure</i> , 2020, 1208, 127888.	3.6	27
22	Cu(II) complexes of cyclotriphosphazene bearing Schiff bases: Synthesis, structural characterization, DFT calculations, absorbance and thermal properties. <i>Polyhedron</i> , 2020, 183, 114541.	2.2	10
23	Electrochemical Evaluation of the Total Antioxidant Capacity of Yam Food Samples on a Polyglycine-Glassy Carbon Modified Electrode. <i>Current Analytical Chemistry</i> , 2020, 16, 176-183.	1.2	16
24	BODIPY substituted zinc(II) phthalocyanine and its bulk heterojunction application in solar cells. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019, 23, 1132-1143.	0.8	8
25	Direct and Fast Electrochemical Determination of Catechin in Tea Extracts using SWCNT-Subphthalocyanine Hybrid Material. <i>Electroanalysis</i> , 2019, 31, 1697-1707.	2.9	37
26	Novel pyrene-BODIPY dyes based on cyclotriphosphazene scaffolds: Synthesis, photophysical and spectroelectrochemical properties. <i>Inorganica Chimica Acta</i> , 2019, 494, 132-140.	2.4	33
27	Degradation of diazinon pesticide using catalyzed persulfate with Fe ₃ O ₄ @MOF-2 nanocomposite under ultrasound irradiation. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 77, 280-290.	5.8	102
28	Effect of different SWCNT-BODIPY hybrid materials for selective and sensitive electrochemical detection of guanine and adenine. <i>Journal of Electroanalytical Chemistry</i> , 2019, 840, 10-20.	3.8	27
29	Ammonia sensing performance of thin films of cobalt(II) phthalocyanine bearing fluorinated substituents. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 7543-7551.	2.2	18
30	Phthalocyanine-nanocarbon materials and their composites: Preparation, properties, and applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 677-709.		6
31	Constitutional isomers of dendrimer-like pyrene substituted cyclotriphosphazenes: synthesis, theoretical calculations, and use as fluorescence receptors for the detection of explosive nitroaromatics. <i>New Journal of Chemistry</i> , 2019, 43, 16738-16747.	2.8	36
32	Investigation of electrochemical properties and gas adsorption studies of novel sandwich core phthalocyanines. <i>Journal of Physical Organic Chemistry</i> , 2019, 32, e3907.	1.9	12
33	Highly selective and ultra-sensitive electrochemical sensor behavior of 3D SWCNT-BODIPY hybrid material for eserine detection. <i>Biosensors and Bioelectronics</i> , 2019, 128, 144-150.	10.1	31
34	3D SWCNTs-coumarin hybrid material for ultra-sensitive determination of quercetin antioxidant capacity. <i>Sensors and Actuators B: Chemical</i> , 2018, 267, 165-173.	7.8	38
35	Pyrene functionalized cyclotriphosphazene-based dyes: Synthesis, intramolecular excimer formation, and fluorescence receptor for the detection of nitro-aromatic compounds. <i>Dyes and Pigments</i> , 2018, 153, 172-181.	3.7	42
36	Preparation of single walled carbon nanotube-pyrene 3D hybrid nanomaterial and its sensor response to ammonia. <i>Sensors and Actuators B: Chemical</i> , 2018, 256, 853-860.	7.8	32

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37	Synthesis and organic solar cell performance of BODIPY and coumarin functionalized SWCNTs or graphene oxide nanomaterials. Dalton Transactions, 2018, 47, 9617-9626.	3.3	27
38	Water soluble axially morpholine disubstituted silicon phthalocyanines: Synthesis, characterisation, DNA/BSA binding, DNA photocleavage properties. Synthetic Metals, 2017, 229, 22-32.	3.9	32
39	Imidazole/benzimidazole-modified cyclotriphosphazenes as highly selective fluorescent probes for Cu ²⁺ : synthesis, configurational isomers, and crystal structures. Dalton Transactions, 2017, 46, 9140-9156.	3.3	37
40	Effect of covalent and non-covalent linking of zinc(II) phthalocyanine functionalised carbon nanomaterials on the sensor response to ammonia. Synthetic Metals, 2017, 227, 78-86.	3.9	28
41	High performance ternary solar cells based on P3HT:PCBM and ZnPc-hybrids. RSC Advances, 2016, 6, 93453-93462.	3.6	33
42	Effect of covalent and non-covalent linking on the structure, optical and electrical properties of novel zinc(II) phthalocyanine functionalized carbon nanomaterials. Polyhedron, 2016, 110, 37-45.	2.2	25