

Erol ErÅsaÄ

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

566
citations

759233

12
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

848
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive review of CUPRAC methodology. <i>Analytical Methods</i> , 2011, 3, 2439.	2.7	124
2	Furnace smelting and extractive metallurgy of red mud: recovery of TiO ₂ , Al ₂ O ₃ and pig iron. <i>Journal of Chemical Technology and Biotechnology</i> , 1997, 70, 241-246.	3.2	67
3	Selective spectrophotometric determination of TNT using a dicyclohexylamine-based colorimetric sensor. <i>Talanta</i> , 2009, 78, 772-780.	5.5	61
4	Determination of Triacetone Triperoxide with a <i>N,N</i> -Dimethyl- <i>p</i> -phenylenediamine Sensor on Nafion Using Fe ₃ O ₄ Magnetic Nanoparticles. <i>Analytical Chemistry</i> , 2015, 87, 9589-9594.	6.5	56
5	Electrochemical Determination of Food Preservative Nitrite with Gold Nanoparticles/ <i>p</i> -Aminothiophenol-Modified Gold Electrode. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1253.	4.1	46
6	Electrochemical sensor for nitroaromatic type energetic materials using gold nanoparticles/poly(<i>o</i> -phenylenediamine- <i>o</i> -aniline) film modified glassy carbon electrode. <i>Talanta</i> , 2015, 139, 181-188.	5.5	44
7	Determination of nitroaromatic and nitramine type energetic materials in synthetic and real mixtures by cyclic voltammetry. <i>Talanta</i> , 2013, 115, 768-778.	5.5	30
8	Rapid detection of nitroaromatic and nitramine explosives on chromatographic paper and their reflectometric sensing on PVC tablets. <i>Talanta</i> , 2011, 85, 2226-2232.	5.5	24
9	Carbazole derivatives: Synthesis, spectroscopic characterization, antioxidant activity, molecular docking study, and the quantum chemical calculations. <i>Journal of Molecular Liquids</i> , 2021, 330, 115651.	4.9	24
10	Spectrophotometric determination of gallium(III) with carminic acid and hexadecylpyridinium chloride. <i>Mikrochimica Acta</i> , 1998, 129, 57-63.	5.0	19
11	Synthesis of thiophene derivatives: Substituent effect, antioxidant activity, cyclic voltammetry, molecular docking, DFT, and TD-DFT calculations. <i>Journal of Molecular Structure</i> , 2022, 1257, 132607.	3.6	14
12	Indirect electrochemical determination of antioxidant capacity with hexacyanoferrate(III) reduction using a gold nanoparticle-coated <i>o</i> -phenylenediamine-aniline copolymer electrode. <i>Analytical Letters</i> , 2019, 52, 1282-1297.	1.8	13
13	Design and in silico study of the novel coumarin derivatives against SARS-CoV-2 main enzymes. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, , 1-16.	3.5	13
14	Indirect Determination of Pentaerythritol Tetranitrate (PETN) with a gold nanoparticles-based colorimetric sensor. <i>Talanta</i> , 2017, 175, 243-249.	5.5	10
15	Synthesis and molecular docking study of novel COVID-19 inhibitors. <i>Turkish Journal of Chemistry</i> , 2021, 45, 704-718.	1.2	8
16	Extractive-spectrophotometric determination of amine-type stimulants and antidepressants with anionic indicator dyes. <i>Journal of Analytical Chemistry</i> , 2013, 68, 583-589.	0.9	4
17	Development of a gold nanoparticles-based colorimetric sensor for the indirect determination of ammonium dinitramide and tetryl. <i>Talanta</i> , 2021, 226, 122187.	5.5	3
18	Synthesis of hydroxy benzoin/benzil analogs and investigation of their antioxidant, antimicrobial, enzyme inhibition, and cytotoxic activities. <i>Turkish Journal of Chemistry</i> , 2021, 45, 788-804.	1.2	3

#	ARTICLE	IF	CITATIONS
19	Magnetite nanoparticles-based hydroxyl radical scavenging activity assay of antioxidants using N, N-dimethyl-p-phenylenediamine probe. Turkish Journal of Chemistry, 2020, 44, 1366-1375.	1.2	2
20	Furnace smelting and extractive metallurgy of red mud: recovery of TiO ₂ , Al ₂ O ₃ and pig iron. Journal of Chemical Technology and Biotechnology, 1997, 70, 241-246.	3.2	1