

Nahid Tavakkoli

List of Publications by Year in descending order

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34
papers

1,019
citations

516710

16
h-index

414414

32
g-index

34
all docs

34
docs citations

34
times ranked

1178
citing authors

#	ARTICLE	IF	CITATIONS
1	Green approach to corrosion inhibition of 304 stainless steel in hydrochloric acid solution by the extract of <i>Salvia officinalis</i> leaves. <i>Corrosion Science</i> , 2012, 62, 122-135.	6.6	227
2	<i>Silybum marianum</i> extract as a natural source inhibitor for 304 stainless steel corrosion in 1.0 M HCl. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 3217-3227.	5.8	100
3	Lead-Selective Membrane Electrode Based on Dibenzopyridino-18-Crown-6. <i>Analytical Letters</i> , 1996, 29, 2269-2279.	1.8	96
4	Lead ion-selective membrane electrodes based on some recently synthesized 9,10-anthraquinone derivatives. <i>Analytica Chimica Acta</i> , 1998, 360, 203-208.	5.4	74
5	Preparation and characterization of polyphosphotungstate/ZrO ₂ nanocomposite and their sonocatalytic and photocatalytic activity under UV light illumination. <i>Ultrasonics Sonochemistry</i> , 2012, 19, 546-553.	8.2	56
6	Simultaneous voltammetric sensing of acetaminophen, epinephrine and melatonin using a carbon paste electrode modified with zinc ferrite nanoparticles. <i>Mikrochimica Acta</i> , 2018, 185, 479.	5.0	48
7	A carbon paste electrode modified with Al ₂ O ₃ -supported palladium nanoparticles for simultaneous voltammetric determination of melatonin, dopamine, and acetaminophen. <i>Mikrochimica Acta</i> , 2019, 186, 540.	5.0	34
8	A nanoporous gold-based electrochemical aptasensor for sensitive detection of cocaine. <i>RSC Advances</i> , 2019, 9, 14296-14301.	3.6	27
9	Selective and highly efficient removal of uranium from radioactive effluents by activated carbon functionalized with 2-aminobenzoic acid as a new sorbent. <i>Journal of Environmental Management</i> , 2021, 299, 113587.	7.8	27
10	Electrochemical determination of naproxen in the presence of acetaminophen using a carbon paste electrode modified with activated carbon nanoparticles. <i>Comptes Rendus Chimie</i> , 2018, 21, 54-60.	0.5	24
11	Simultaneous determination of acetaminophen, dopamine and ascorbic acid using a PbS nanoparticles Schiff base-modified carbon paste electrode. <i>Comptes Rendus Chimie</i> , 2015, 18, 438-448.	0.5	23
12	Highly selective differential pulse voltammetric determination of warfarin in pharmaceutical and biological samples using MnFe ₂ O ₄ /MWCNT modified carbon paste electrode. <i>Microchemical Journal</i> , 2016, 129, 166-172.	4.5	23
13	Electrochemical characterization of poly(fuchsine acid) modified glassy carbon electrode and its application for simultaneous determination of ascorbic acid, epinephrine and uric acid. <i>Journal of Molecular Liquids</i> , 2015, 211, 353-362.	4.9	21
14	New carbon paste electrode modified with graphene/TiO ₂ /V ₂ O ₅ for electrochemical measurement of chlorpromazine hydrochloride. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 83, 50-58.	5.3	20
15	Non-enzymatic Glucose Sensor Based on Palladium Coated Nanoporous Gold Film Electrode. <i>Australian Journal of Chemistry</i> , 2013, 66, 1097.	0.9	18
16	Insight into the corrosion inhibition of <i>Biebersteinia multifida</i> root extract for carbon steel in acidic medium. <i>Science of the Total Environment</i> , 2022, 836, 155527.	8.0	18
17	Determination of Tramadol by Dispersive Liquid-Liquid Microextraction Combined with GC-MS. <i>Journal of Chromatographic Science</i> , 2015, 53, 655-661.	1.4	17
18	Preparation of Ru-Pt bimetallic monolayer on nanoporous gold film electrode and its application as an ultrasensitive sensor for determination of methionine. <i>RSC Advances</i> , 2017, 7, 21827-21836.	3.6	16

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19	Separation and preconcentration of Arsenic(III) ions from aqueous media by adsorption on MWCNTs. <i>Arabian Journal of Chemistry</i> , 2017, 10, S3682-S3686.	4.9	16
20	Modified Activated Carbon as Solid Phase Extraction Adsorbent for the Preconcentration and Determination of Trace As(III) in Environmental Samples by Graphite Furnace Atomic Absorption Spectrometry. <i>Chinese Journal of Chemistry</i> , 2012, 30, 665-669.	4.9	15
21	Fabrication of Ru-Pd bimetallic monolayer on nanoporous gold film electrode with excellent electrocatalytic performance towards captopril oxidation. <i>Electrochimica Acta</i> , 2015, 164, 1-11.	5.2	15
22	Simultaneous electrochemical determination of ascorbic acid, epinephrine, and uric acid using a polymer film-modified electrode based on Au nanoparticles/poly(3,3',5,5'-tetrabromo-m-cresolsulfonphthalein). <i>Ionics</i> , 2015, 21, 3267-3278.	2.4	15
23	Electrocatalytic Determination of Ascorbic Acid Using a Palladium Coated Nanoporous Gold Film Electrode. <i>Electroanalysis</i> , 2012, 24, 368-375.	2.9	14
24	Inhibitory effect of Pistacia khinjuk aerial part extract for carbon steel corrosion in sulfuric acid and hydrochloric acid solutions. <i>Chemical Papers</i> , 2020, 74, 1799-1815.	2.2	14
25	Electrochemical determination of methimazole using nanoporous gold film electrode modified with MoO ₂ thin film. <i>Microchemical Journal</i> , 2019, 150, 104153.	4.5	12
26	Efficient removal and recovery of uranium from industrial radioactive wastewaters using functionalized activated carbon powder derived from zirconium carbide process waste. <i>Environmental Science and Pollution Research</i> , 2021, 28, 57073-57089.	5.3	9
27	Determination of dopamine using the indium tin oxide electrode modified with direct electrodeposition of gold-platinum nanoparticles. <i>Chemical Papers</i> , 2019, 73, 1377-1388.	2.2	8
28	Salvia officinalis extract mediated for the synthesis of SO-MgO-NPs and their utilization for simultaneous measurement of dopamine, uric acid, and ascorbic acid by voltammetry method. <i>Journal of Molecular Liquids</i> , 2021, 341, 116932.	4.9	8
29	Sodium Ion-Selective Membrane Electrode Based on Dibenzopyridino-18-Crown-6. <i>Bulletin of the Korean Chemical Society</i> , 2004, 25, 1474-1476.	1.9	8
30	Potentiometric study of the mixed-metal complex formation of tetracarboxylate-18-crown-6 with aluminum and alkali and alkaline earth cations. <i>Talanta</i> , 1998, 45, 1219-1225.	5.5	4
31	Applicability of ZnSNP@Gr nanocomposite for fabrication of an electrochemical sensor in simultaneous measuring of naltrexone, acetaminophen and ascorbic acid. <i>Chemical Papers</i> , 2021, 75, 6611-6623.	2.2	4
32	Solid phase extraction of trace amounts of palladium in environmental water samples on multi-walled carbon nanotubes as a new sorbent: comparison with activated carbon. <i>Desalination and Water Treatment</i> , 2014, 52, 350-356.	1.0	3
33	A new 2-amino-3-pyranopyrane-3- carbonitrile derivative for electrocatalytic oxidation and determination of hydrazine. <i>Materials Science and Engineering C</i> , 2017, 75, 1154-1160.	7.3	3
34	Electrochemical sensing platform based on modified graphite screen-printed electrode to determine isoproterenol in the presence of theophylline and acetaminophen. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 1173-1182.	2.2	2