

Saikh M Wabaidur

List of Publications by Year in descending order

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185
papers

4,195
citations

147566

31
h-index

161609

54
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187
all docs

187
docs citations

187
times ranked

4075
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous electrochemical determination of dopamine and acetaminophen using multiwall carbon nanotubes modified glassy carbon electrode. <i>Sensors and Actuators B: Chemical</i> , 2010, 146, 314-320.	4.0	272
2	Fabrication of MWCNTs/ThO ₂ nanocomposite and its adsorption behavior for the removal of Pb(II) metal from aqueous medium. <i>Desalination and Water Treatment</i> , 2016, 57, 21863-21869.	1.0	192
3	Low cost biosorbents from fungi for heavy metals removal from wastewater. <i>Separation Science and Technology</i> , 2020, 55, 1766-1775.	1.3	146
4	Cetyltrimethylammonium bromide intercalated and branched polyhydroxystyrene functionalized montmorillonite clay to sequester cationic dyes. <i>Journal of Environmental Management</i> , 2018, 219, 285-293.	3.8	137
5	Oil industry waste based non-magnetic and magnetic hydrochar to sequester potentially toxic post-transition metal ions from water. <i>Journal of Hazardous Materials</i> , 2020, 400, 123247.	6.5	132
6	Unary and binary adsorption studies of lead and malachite green onto a nanomagnetic copper ferrite/drumstick pod biomass composite. <i>Journal of Hazardous Materials</i> , 2019, 365, 759-770.	6.5	118
7	Application of carbon nanotubes in extraction and chromatographic analysis: A review. <i>Arabian Journal of Chemistry</i> , 2019, 12, 633-651.	2.3	116
8	Oxygenated functionalities enriched MWCNTs decorated with silica coated spinel ferrite – A nanocomposite for potentially rapid and efficient de-colorization of aquatic environment. <i>Journal of Molecular Liquids</i> , 2020, 317, 113916.	2.3	102
9	Identification of bioactive compounds from <i>Glycyrrhiza glabra</i> as possible inhibitor of SARS-CoV-2 spike glycoprotein and non-structural protein-15: a pharmacoinformatics study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 4686-4700.	2.0	98
10	Electrospinning technique for production of polyaniline nanocomposites/nanofibres for multi-functional applications: A review. <i>Synthetic Metals</i> , 2021, 271, 116609.	2.1	84
11	Use of Carbon Nanotubes (CNTs) with Polymers in Solar Cells. <i>Molecules</i> , 2014, 19, 17329-17344.	1.7	80
12	Method for the fast determination of bromate, nitrate and nitrite by ultra performance liquid chromatography–mass spectrometry and their monitoring in Saudi Arabian drinking water with chemometric data treatment. <i>Talanta</i> , 2016, 152, 513-520.	2.9	79
13	Nanoporous Iron Oxide/Carbon Composites through In-Situ Deposition of Prussian Blue Nanoparticles on Graphene Oxide Nanosheets and Subsequent Thermal Treatment for Supercapacitor Applications. <i>Nanomaterials</i> , 2019, 9, 776.	1.9	78
14	Silico-manganese fumes waste encapsulated cryogenic alginate beads for aqueous environment de-colorization. <i>Journal of Cleaner Production</i> , 2020, 244, 118867.	4.6	73
15	Determination of free fatty acids in olive oils by UPHLC–MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1031, 109-115.	1.2	66
16	Synthesis, characterization of PMDA/TMSPEDA hybrid nano-composite and its applications as an adsorbent for the removal of bivalent heavy metals ions. <i>Chemical Engineering Journal</i> , 2015, 270, 9-21.	6.6	65
17	Fast and efficient immunoaffinity column cleanup and liquid chromatography–tandem mass spectrometry method for the quantitative analysis of aflatoxins in baby food and feeds. <i>Journal of Separation Science</i> , 2020, 43, 2079-2087.	1.3	64
18	Simultaneous determination of monosaccharides and oligosaccharides in dates using liquid chromatography–electrospray ionization mass spectrometry. <i>Food Chemistry</i> , 2015, 176, 487-492.	4.2	55

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19	Identification of potential anti-TMPRSS2 natural products through homology modelling, virtual screening and molecular dynamics simulation studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 6660-6675.	2.0	53
20	Heavy Metal Ions Removal from Aqueous Solutions by Treated Ajwa Date Pits: Kinetic, Isotherm, and Thermodynamic Approach. <i>Polymers</i> , 2022, 14, 914.	2.0	51
21	Development of a sensitive liquid-liquid extraction and ultra-performance liquid chromatography-tandem mass spectrometry method for the analysis of carbaryl residues in fresh vegetables sold in Riyadh. <i>Journal of King Saud University - Science</i> , 2020, 32, 2414-2418.	1.6	49
22	Antibacterial, Antioxidant Activity of Ethanolic Plant Extracts of Some Convolvulus Species and Their DART-ToF-MS Profiling. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-9.	0.5	48
23	High-Performance Liquid Chromatography Analysis of Phenolic Acid, Flavonoid, and Phenol Contents in Various Natural Yemeni Honeys Using Multi-walled Carbon Nanotubes as a Solid-Phase Extraction Adsorbent. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 5443-5450.	2.4	47
24	Ultrasonic-assisted preparation and characterization of magnetic ZnFe ₂ O ₄ /g-C ₃ N ₄ nanomaterial and their applications towards electrocatalytic reduction of 4-nitrophenol. <i>Ultrasonics Sonochemistry</i> , 2020, 68, 105071.	3.8	38
25	Ultra-high sensitive, selective, non-enzymatic dopamine sensor based on electrochemically active graphene decorated Polydiphenylamine-SiO ₂ nanohybrid composite. <i>Ceramics International</i> , 2020, 46, 23276-23281.	2.3	37
26	Flow injection chemiluminescence determination of dopamine using potassium permanganate and formaldehyde system. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 96, 221-225.	2.0	36
27	Analysis of aflatoxins in nonalcoholic beer using liquid-liquid extraction and ultraperformance LC-MS/MS. <i>Journal of Separation Science</i> , 2013, 36, 572-577.	1.3	36
28	Spectrofluorimetric determination of fexofenadine hydrochloride in pharmaceutical preparation using silver nanoparticles. <i>Arabian Journal of Chemistry</i> , 2010, 3, 251-255.	2.3	35
29	Ultra high performance liquid chromatography with mass spectrometry method for the simultaneous determination of phenolic constituents in honey from various floral sources using multiwalled carbon nanotubes as extraction sorbents. <i>Journal of Separation Science</i> , 2015, 38, 2597-2606.	1.3	35
30	A rapid method for the simultaneous determination of l-ascorbic acid and acetylsalicylic acid in aspirin C effervescent tablet by ultra performance liquid chromatography-tandem mass spectrometry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 108, 20-25.	2.0	34
31	Analysis of aflatoxins in foods retailed in Saudi Arabia using immunoaffinity column cleanup and high-performance liquid chromatography-fluorescence detection. <i>Journal of King Saud University - Science</i> , 2020, 32, 1437-1443.	1.6	34
32	Design, structural investigations and antimicrobial activity of pyrazole nucleating copper and zinc complexes. <i>Polyhedron</i> , 2021, 195, 114991.	1.0	32
33	Synthesis, Structural Characterization and Antimicrobial Activity of Cu(II) and Fe(III) Complexes Incorporating Azo-Azomethine Ligand. <i>Molecules</i> , 2018, 23, 813.	1.7	31
34	Bioremediation of Explosive TNT by <i>Trichoderma viride</i> . <i>Molecules</i> , 2020, 25, 1393.	1.7	31
35	Interaction of cephalexin monohydrate with surfactants in aqueous and sodium chloride solution at variable temperatures: Conductivity and spectroscopic measurements. <i>Journal of Molecular Liquids</i> , 2021, 326, 115337.	2.3	30
36	Chemiluminescence determination of folic acid by a flow injection analysis assembly. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 105, 412-417.	2.0	29

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37	Mesoporous PtCu Alloy Nanoparticles with Tunable Compositions and Particles Sizes Using Diblock Copolymer Micelle Templates. <i>Chemistry - A European Journal</i> , 2019, 25, 343-348.	1.7	29
38	Novel PDPA-SiO ₂ nanosphericals network decorated graphene nanosheets composite coated FTO electrode for efficient electro-oxidation of methanol. <i>Fuel</i> , 2020, 279, 118439.	3.4	29
39	Determination of capsaicinoids in <i>Capsicum</i> species using ultra performance liquid chromatography-mass spectrometry. <i>Journal of Separation Science</i> , 2012, 35, 2892-2896.	1.3	28
40	Determination of heavy metals in skin-whitening cosmetics using microwave digestion and inductively coupled plasma atomic emission spectrometry. <i>LET Nanobiotechnology</i> , 2017, 11, 597-603.	1.9	28
41	Zn(II) complex derived from bidentate Schiff base ligand: Synthesis, characterization, DFT studies and evaluation of anti-inflammatory activity. <i>Journal of Molecular Structure</i> , 2020, 1201, 127177.	1.8	28
42	Removal of Bromate from Water Using Deacidite FF Resin and Determination by Ultra-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Clean - Soil, Air, Water</i> , 2013, 41, 528-533.	0.7	27
43	Metal organic framework derived nickel phosphide/graphitic carbon hybrid for electrochemical hydrogen generation reaction. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 96, 634-638.	2.7	27
44	Simultaneous determination of twenty-five polyphenols in multifloral and cactus honeys using solid-phase extraction and high-performance liquid chromatography with photodiode array detection. <i>European Food Research and Technology</i> , 2016, 242, 943-952.	1.6	26
45	Investigation of the interaction of levofloxacin hemihydrate with surfactants in the occurrence of salts: Conductivity and cloud point measurement. <i>Journal of Molecular Liquids</i> , 2019, 274, 484-496.	2.3	24
46	Screening and analysis of bioactive food compounds for modulating the CDK2 protein for cell cycle arrest: Multi-cheminformatics approaches for anticancer therapeutics. <i>Journal of Molecular Structure</i> , 2020, 1216, 128316.	1.8	24
47	Interaction of tetradecyltrimethylammonium bromide with sodium dodecyl sulfate in aqueous/urea medium at several temperatures and compositions. <i>Journal of Molecular Liquids</i> , 2019, 284, 12-22.	2.3	23
48	Novel 1D polyaniline nanorods for efficient electrochemical supercapacitors: A facile and green approach. <i>Synthetic Metals</i> , 2020, 270, 116591.	2.1	23
49	Structure-guided screening of chemical database to identify NS3 inhibitors for effective therapeutic application in dengue infection. <i>Journal of Molecular Recognition</i> , 2020, 33, e2838.	1.1	23
50	Optical ascorbic acid sensor based on the fluorescence quenching of silver nanoparticles. <i>Luminescence</i> , 2009, 24, 367-371.	1.5	22
51	Identification of malachite green in industrial wastewater using lignocellulose biomass composite bio-sorbent and UPLC-MS/MS: a green environmental approach. <i>Chemical Engineering Research and Design</i> , 2019, 126, 160-166.	2.7	22
52	Computational screening of promising beta-secretase 1 inhibitors through multi-step molecular docking and molecular dynamics simulations - Pharmaco-informatics approach. <i>Journal of Molecular Structure</i> , 2020, 1205, 127660.	1.8	22
53	A novel electrodeposited poly(melamine)-palladium nanohybrid catalyst on GCE: Prosperous multi-functional electrode towards methanol and ethanol oxidation. <i>Fuel</i> , 2021, 300, 121005.	3.4	22
54	A Fiber Optic pH Sensor with 1-(2-Pyridylazo)-2-Naphthol Doped in Silica Sol-Gel Film. <i>Sensor Letters</i> , 2009, 7, 1-5.	0.4	22

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55	Total phenolic acids and flavonoid contents determination in Yemeni honey of various floral sources: Folin-Ciocalteu and spectrophotometric approach. <i>Food Science and Technology</i> , 2020, 40, 647-652.	0.8	22
56	Silver nanoparticles enhanced flow injection chemiluminescence determination of gatifloxacin in pharmaceutical formulation and spiked urine sample. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 144, 170-175.	2.0	20
57	Spectrofluorimetric Determination of Cefixime in Pharmaceutical Preparation and Biological Fluids Using Calcein as a Fluorescence Probe. <i>Sensor Letters</i> , 2010, 8, 280-284.	0.4	20
58	Synthesis and Applications of Green Synthesized TiO ₂ Nanoparticles for Photocatalytic Dye Degradation and Antibacterial Activity. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-9.	1.5	20
59	Facile electrochemical fabrication of Nickel-Coated Polydiphenylamine (Ni/PDPA) nanocomposite material as efficient anode catalyst for direct alcohol fuel cell application. <i>Fuel</i> , 2022, 324, 124424.	3.4	20
60	Influence of the effect of different electrolytes on the interaction of promethazine hydrochloride drug with tetradecyltrimethylammonium bromide at different temperatures. <i>Journal of Physical Organic Chemistry</i> , 2020, 33, e4057.	0.9	19
61	Polyaniline-Graphitic Carbon Nitride Based Nano-Electrocatalyst for Fuel Cell Application: A Green Approach with Synergistic Enhanced Behaviour. <i>Macromolecular Research</i> , 2021, 29, 411-417.	1.0	19
62	Rapid and sensitive method for analysis of nitrate in meat samples using ultra performance liquid chromatography-mass spectrometry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 151, 861-866.	2.0	18
63	Cd(II) complex constructed from dipyritydyl imine ligand: Design, synthesis and exploration of its photocatalytic degradation properties. <i>Inorganica Chimica Acta</i> , 2018, 471, 698-704.	1.2	18
64	Synthesis, biological evaluation and molecular docking of pyrimidine and quinazoline derivatives of 1,5-benzodiazepine as potential anticancer agents. <i>Journal of King Saud University - Science</i> , 2020, 32, 1486-1495.	1.6	18
65	Phosphotungstic acid-Titania loaded polyaniline nanocomposite as efficient methanol electrooxidation catalyst in fuel cells. <i>International Journal of Energy Research</i> , 2021, 45, 8243-8254.	2.2	18
66	Construction of novel binary metal oxides: Copper oxide-tin oxide nanoparticles regulated for selective and nanomolar level electrochemical detection of anti-psychotic drug. <i>Electrochimica Acta</i> , 2021, 386, 138482.	2.6	18
67	Synthesis of Silver Nanoparticles Using Syzygium malaccense Fruit Extract and Evaluation of Their Catalytic Activity and Antibacterial Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 1103-1115.	1.9	17
68	Structurally controlled layered Ni ₃ C/graphene hybrids using cyano-bridged coordination polymers. <i>Electrochemistry Communications</i> , 2019, 100, 74-80.	2.3	16
69	Fabrication of amperometric sensor for glucose detection based on phosphotungstic acid-assisted PDPA/ZnO nanohybrid composite. <i>Ionics</i> , 2020, 26, 6341-6349.	1.2	16
70	Interaction of moxifloxacin hydrochloride with sodium dodecyl sulfate and tween 80: Conductivity & phase separation methods. <i>Journal of Molecular Liquids</i> , 2020, 301, 112467.	2.3	16
71	Influences of alcohol and diol on the aggregation behaviour, modes of interaction and the thermodynamic properties of the mixture of bromocresol green dye and sodium dodecyl sulphate at numerous temperatures. <i>Molecular Physics</i> , 2021, 119, e1925364.	0.8	16
72	Gold nanoparticles-based fluorescence enhancement of the terbium-levofloxacin system and its application in pharmaceutical preparations. <i>Luminescence</i> , 2011, 26, 768-773.	1.5	15

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73	Structural elucidation and physicochemical properties of mononuclear Uranyl(VI) complexes incorporating dianionic units. <i>Scientific Reports</i> , 2016, 6, 32898.	1.6	15
74	Pharmacoinformatics-based identification of anti-bacterial catalase-peroxidase enzyme inhibitors. <i>Computational Biology and Chemistry</i> , 2019, 83, 107136.	1.1	15
75	Zeolite enslaved transition metal complexes as novel heterogeneous catalysts for synthesis of polycyclic heterocycles using suzuki-miyaura cross coupling reaction under greener conditions. <i>Inorganic Chemistry Communication</i> , 2020, 122, 108230.	1.8	15
76	Regulatory Role of Nano-Curcumin against Tartrazine-Induced Oxidative Stress, Apoptosis-Related Genes Expression, and Genotoxicity in Rats. <i>Molecules</i> , 2020, 25, 5801.	1.7	15
77	Development of Ultra-Performance Liquid Chromatography-Mass Spectrometry Method for Simultaneous Determination of Three Cationic Dyes in Environmental Samples. <i>Molecules</i> , 2020, 25, 4564.	1.7	15
78	Investigation of the impacts of temperature and electrolyte on the interaction of cationic surfactant with promethazine hydrochloride: Combined conductivity and molecular dynamics studies. <i>Journal of Molecular Liquids</i> , 2020, 311, 113246.	2.3	15
79	Synthesis, characterization, cytotoxicity, and molecular docking studies of ampyrone-based transition metal complexes. <i>Transition Metal Chemistry</i> , 2021, 46, 65-71.	0.7	15
80	Removal of Chromium(III) and Cadmium(II) Heavy Metal Ions from Aqueous Solutions Using Treated Date Seeds: An Eco-Friendly Method. <i>Molecules</i> , 2021, 26, 3718.	1.7	15
81	Chitosan/Phosphate Rock-Derived Natural Polymeric Composite to Sequester Divalent Copper Ions from Water. <i>Nanomaterials</i> , 2021, 11, 2028.	1.9	15
82	Remarkable electrocatalytic activity of Pd nanoparticles dispersed on polyaniline-polydiphenylamine copolymer nanocomposite for methanol and ethanol oxidation reaction. <i>Synthetic Metals</i> , 2021, 281, 116925.	2.1	15
83	The fluorescence quenching of Ru(bipy) ₃ ²⁺ : an application for the determination of bilirubin in biological samples. <i>Luminescence</i> , 2018, 33, 625-629.	1.5	14
84	New Ultra Performance liquid chromatography-mass spectrometric method for the determination of allura red in soft drinks using corncob as solid phase extraction sorbent: Analysis and food waste management approach. <i>Journal of King Saud University - Science</i> , 2020, 32, 1135-1141.	1.6	14
85	High-performance SERS detection of pesticides using BiOCl-BiOBr@Pt/Au hybrid nanostructures on styrofoams as 3D functional substrate. <i>Mikrochimica Acta</i> , 2020, 187, 580.	2.5	14
86	Rapid and Sensitive Determination of Methylxanthines in Commercial Brands of Tea Using Ultra-High-Performance Liquid Chromatography-Mass Spectrometry. <i>International Journal of Analytical Chemistry</i> , 2019, 2019, 1-9.	0.4	13
87	Platelet-structured strontium titanate perovskite decorated on graphene oxide as a nanocatalyst for electrochemical determination of neurotransmitter dopamine. <i>New Journal of Chemistry</i> , 2020, 44, 18431-18441.	1.4	13
88	Improved cyclic retention and high performance supercapacitive behavior of poly(diphenylamine-co-aniline)/phosphotungstic acid nanohybrid electrode. <i>International Journal of Energy Research</i> , 2021, 45, 8180-8188.	2.2	13
89	Extraction Procedures and Analytical Methods for the Determination of Methylene Blue, Rhodamine B and Crystal Violet - An Overview. <i>Current Analytical Chemistry</i> , 2021, 17, 708-728.	0.6	13
90	Enhanced Photocatalytic and Biological Observations of Green Synthesized Activated Carbon, Activated Carbon Doped Silver and Activated Carbon/Silver/Titanium Dioxide Nanocomposites. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 267-279.	1.9	13

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91	Temperature-enabled reversible "On/Off" switch-like hazardous herbicide picloram voltammetric sensor in agricultural and environmental samples based on thermo-responsive PVCL-tethered MWCNT@Au catalyst. <i>Journal of Hazardous Materials</i> , 2021, 402, 123672.	6.5	13
92	Dodecyl sulfate chain anchored bio-char to sequester triaryl methane dyes: equilibrium, kinetics, and adsorption mechanism. , 0, 67, 357-370.		13
93	A Comparative Study on Characterization of Aluminium Tungstate and Surfactant-Based Aluminium Tungstate Cation-Exchangers: Analytical Applications for the Separation of Toxic Metal Ions. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 352-359.	1.9	12
94	Determination of dopamine in pharmaceutical formulation using enhanced luminescence from europium complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 93, 331-334.	2.0	12
95	Modulation of amyloid fibril formation of plasma protein by saffron constituent "safranal": Spectroscopic and imaging analyses. <i>International Journal of Biological Macromolecules</i> , 2019, 127, 529-535.	3.6	12
96	Synthesis, structural investigations and pharmacological properties of a new zinc complex with a N4-donor Schiff base incorporating 2-pyridyl ring. <i>Inorganica Chimica Acta</i> , 2019, 487, 97-106.	1.2	12
97	Development and Characterization of Polydiphenylamine/CuO Nanohybrid Electrode and Its Improved Electrochemical Properties. <i>Sensor Letters</i> , 2020, 18, 5-11.	0.4	12
98	A solid phase extraction based UPLC- ESI-MS/MS method using surfactant-modified clay as extraction sorbent for the removal and determination of rhodamine B in industrial wastewater samples. , 0, 195, 222-231.		12
99	Visible Light Photocatalyst and Antibacterial Activity of BFO (Bismuth Ferrite) Nanoparticles from Honey. <i>Water (Switzerland)</i> , 2022, 14, 1545.	1.2	12
100	SIMULTANEOUS ANALYSIS OF VITAMIN C AND ASPIRIN IN ASPIRIN C EFFERVESCENT TABLETS BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY "PHOTODIODE ARRAY DETECTOR. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 2454-2461.	0.5	11
101	NiO/ZnO binary metal oxide based electrochemical sensor for the evaluation of hazardous flavonoid in biological and vegetable samples. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 647, 129077.	2.3	11
102	Ultrapformance Liquid Chromatography "Mass Spectrometric Method for Determination of Ampicillin and Characterization of Its Forced Degradation Products. <i>Journal of Chromatographic Science</i> , 2014, 52, 1273-1280.	0.7	10
103	Electrochemical sensing base for hazardous herbicide acetonifin using gadolinium niobate (GdNbO ₄) nanoparticles-actual river water and soil sample analysis. <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111285.	2.9	10
104	Fabrication of nanocomposite networks using Pd nanoparticles/Polydiphenylamine anchored on the surface of reduced graphene oxide: An efficient anode electrocatalyst for oxidation of methanol. <i>Advanced Industrial and Engineering Polymer Research</i> , 2022, 5, 18-25.	2.7	10
105	Development of a sensitive flow "injection "chemiluminescence detection method for the determination of laevodopa. <i>Luminescence</i> , 2008, 23, 327-332.	1.5	9
106	UPLC "MS method for the simultaneous determination of naproxen, fluvastatin and ibuprofen in waste water samples. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 24, 302-307.	2.9	9
107	High-Throughput UPLC "MS Method for the Determination of N-Acetyl-L-Cysteine: Application in Tissue Distribution Study in Wistar Rats. <i>Journal of Chromatographic Science</i> , 2016, 54, 1244-1252.	0.7	9
108	Dinuclear uranium(vi) salen coordination compound: an efficient visible-light-active catalyst for selective reduction of CO ₂ to methanol. <i>Dalton Transactions</i> , 2020, 49, 17243-17251.	1.6	9

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109	Dinuclear uranyl coordination compound: Structural investigations and selective fluorescence sensing properties. <i>Polyhedron</i> , 2020, 189, 114745.	1.0	9
110	Trace identification of sulfate anion in bottled and metropolitan water samples collected from various provinces of Saudi Arabia. <i>Journal of King Saud University - Science</i> , 2020, 32, 1986-1992.	1.6	9
111	Synthesis and characterization of a hydrogen bonded metal-organic cocrystal: Exploration of its DNA binding study. <i>Polyhedron</i> , 2020, 180, 114454.	1.0	9
112	Flow-Injection Chemiluminescence Determination of Aspartic Acid in Tea Leaves Using Tris (2,2-â€²-bipyridyl) Ruthenium (II)â€²Ce(IV) System. <i>Journal of Fluorescence</i> , 2008, 18, 655-660.	1.3	8
113	Flow-injection chemiluminescence method for the determination of moxifloxacin in pharmaceutical tablets and human urine using silver nanoparticles sensitized calceinâ€²KMnO4 system. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 1803-1810.	1.7	8
114	HPLC-UV and spectrofluorimetric methods for simultaneous estimation of fluticasone furoate and vilanterol in rabbit plasma: A pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1132, 121842.	1.2	8
115	Structural and biological evaluation of a platinum complex as a potential anti-neurodegenerative agent. <i>Inorganica Chimica Acta</i> , 2019, 490, 235-239.	1.2	8
116	<i>In silico</i> identification of small molecule modulators for disruption of Hsp90â€²Cdc37 proteinâ€²protein interaction interface for cancer therapeutic application. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 2082-2098.	2.0	8
117	De novo design based identification of potential HIV-1 integrase inhibitors: A pharmacoinformatics study. <i>Computational Biology and Chemistry</i> , 2020, 88, 107319.	1.1	8
118	Molecular structure simulation of (E)-2-(butan-2-ylidene) hydrazinecarbothioamide using the DFT approach, and antioxidant potential assessment of its complexes. <i>Journal of King Saud University - Science</i> , 2021, 33, 101313.	1.6	8
119	Poly(diphenylamine) and its Nanohybrids for Chemicals and Biomolecules Analysis: A Review. <i>Current Analytical Chemistry</i> , 2020, 17, .	0.6	8
120	Identification of potent food constituents as SARS-CoV-2 papain-like protease modulators through advanced pharmacoinformatics approaches. <i>Journal of Molecular Graphics and Modelling</i> , 2022, 111, 108113.	1.3	8
121	Easy fabrication of a novel electro-spun PVDF-g-C3N4-Pd nanocomposite material as improved anode electrocatalyst for direct alcohol fuel cell. <i>Fuel</i> , 2022, 324, 124496.	3.4	8
122	Recent analytical applications of nanoparticle sensitized lucigenin and luminol chemiluminescent reactions. <i>Bulletin of Materials Science</i> , 2012, 35, 7-12.	0.8	7
123	Synthesis of Silver Nanoparticle: A New Analytical Approach for the Quantitative Assessment of Adrenaline. <i>Analytical Sciences</i> , 2015, 31, 437-443.	0.8	7
124	Activation of molecular oxygen for the oxidation of 2-mercaptoethanol: A kinetic and mechanistic approach. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 34, 84-88.	2.9	7
125	Assessment of biological activity and UPLCâ€²MS based chromatographic profiling of ethanolic extract of <i>Ochradenus arabicus</i> . <i>Saudi Journal of Biological Sciences</i> , 2016, 23, 229-236.	1.8	7
126	Effect on Compression Molding Parameters in Mechanical Properties of MWCNT/Glass Fiber/Epoxy Composites. <i>Advances in Polymer Technology</i> , 2022, 2022, 1-7.	0.8	7

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127	HIGH PERFORMANCE LIQUID CHROMATOGRAPHIC METHOD FOR THE QUANTITATIVE ANALYSIS OF CEFUROXIME IN PHARMACEUTICAL PREPARATIONS. <i>Journal of the Chilean Chemical Society</i> , 2015, 60, 2869-2871.	0.5	6
128	Sonochemical preparation of carbon nanosheets supporting cuprous oxide architecture for high performance and non-enzymatic electrochemical sensor in biological samples. <i>Ultrasonics Sonochemistry</i> , 2020, 66, 105072.	3.8	6
129	Structure-based identification of galectin-1 selective modulators in dietary food polyphenols: a pharmacoinformatics approach. <i>Molecular Diversity</i> , 2022, 26, 1697-1714.	2.1	6
130	Sensitive Determination of Dopamine by Its Fluorescence Enhancement on Terbium(III)-Dipicolinic Acid System. <i>Sensor Letters</i> , 2012, 10, 92-95.	0.4	6
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