Hasan Tahermansouri

List of Publications by Year
in descending order

45	813	471061	525886
papers	citations	17 h-index	27 g-index

51	51	51	919
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	KrÃ¶hnke pyridines: an efficient solvent-free synthesis of 2,4,6-triarylpyridines. Tetrahedron Letters, 2006, 47, 5957-5960.	0.7	104
2	Highly efficient simultaneous adsorption of Cd(<scp>ii</scp>), Hg(<scp>ii</scp>) and As(<scp>iii</scp>) ions from aqueous solutions by modification of graphene oxide with 3-aminopyrazole: central composite design optimization. New Journal of Chemistry, 2017, 41, 8905-8919.	1.4	51
3	Nickel oxide nanoparticles prepared by gelatin and their application toward the oxygen evolution reaction. Journal of Solid State Electrochemistry, 2014, 18, 747-753.	1.2	42
4	Phenol adsorption from aqueous solutions by functionalized multiwalled carbon nanotubes with a pyrazoline derivative in the presence of ultrasound. RSC Advances, 2015, 5, 44263-44273.	1.7	40
5	The removal of lead ions from aqueous solutions by modified multi-walled carbon nanotubes with 1-isatin-3-thiosemicarbazone. Journal of Molecular Liquids, 2015, 212, 219-226.	2.3	40
6	A new modified MWCNTs with 3-aminopyrazole as a nanoadsorbent for Cd(II) removal from aqueous solutions. Journal of Environmental Chemical Engineering, 2017, 5, 3405-3417.	3.3	38
7	Synthesis, characterization and study of sorption parameters of multi-walled carbon nanotubes/chitosan nanocomposite for the removal of picric acid from aqueous solutions. International Journal of Biological Macromolecules, 2018, 109, 598-610.	3.6	38
8	Design and evaluation of functionalized multi-walled carbon nanotubes by 3-aminopyrazole for the removal of Hg(II) and As(III) ions from aqueous solution. Research on Chemical Intermediates, 2018, 44, 69-92.	1.3	34
9	Development of a graphene oxide/chitosan nanocomposite for the removal of picric acid from aqueous solutions: Study of sorption parameters. Colloids and Surfaces B: Biointerfaces, 2017, 160, 671-681.	2.5	32
10	Functionalization of carboxylated multiwall nanotubes with imidazole derivatives and their toxicity investigations. International Journal of Nanomedicine, 2010, 5, 907.	3.3	27
11	Kinetic, Equilibrium and Isotherm Studies of Cadmium Removal from Aqueous Solutions by Oxidized Multiâ€Walled Carbon Nanotubes and the Functionalized Ones with Thiosemicarbazide and Their Toxicity Investigations: A Comparison. Journal of the Chinese Chemical Society, 2014, 61, 1188-1198.	0.8	24
12	Kinetics, equilibrium and isotherms of Pb2+ adsorption from aqueous solutions on carbon nanotubes functionalized with 3-amino-5a,10a-dihydroxybenzo[b] indeno [2,l-d]furan-10-one. New Carbon Materials, 2019, 34, 512-523.	2.9	24
13	Preparation and characterization of functionalized MWCNTs-COOH with 3-amino-5-phenylpyrazole as an adsorbent and optimization study using central composite design. Carbon Letters, 2019, 29, 1-20.	3.3	21
14	Kinetic and Equilibrium Study of Lead (II) Removal by Functionalized Multiwalled Carbon Nanotubes with Isatin Derivative from Aqueous Solutions. Bulletin of the Korean Chemical Society, 2013, 34, 3391-3398.	1.0	21
15	Competent Heavy Metal Adsorption by Modified MWCNTs and Optimization Process by Experimental Design. Journal of Environmental Engineering, ASCE, 2018, 144, .	0.7	19
16	Application of graphene oxide in the adsorption and extraction of bioactive compounds from lemon peel. Food Science and Nutrition, 2021, 9, 3852-3862.	1.5	19
17	Functionalization of Carboxylated Multi-Walled Carbon Nanotubes With 1, 4-Phenylendiamine, Phenylisocyanate and Phenylisothiocyanate. Fullerenes Nanotubes and Carbon Nanostructures, 2011, 19, 753-760.	1.0	18
18	Functionalization of carboxylated multi-wall carbon nanotubes with 3,5-diphenyl pyrazole and an investigation of their toxicity. New Carbon Materials, 2013, 28, 199-207.	2.9	18

#	Article	IF	Citations
19	Synthesis, characterization, and electrochemical properties of the modified graphene oxide with 4,4â€²-methylenedianiline. Materials Letters, 2018, 211, 323-327.	1.3	18
20	Functionalization of short multi-walled carbon nanotubes with creatinine and aromatic aldehydes via microwave and thermal methods and their influence on the MKN45 and MCF7 cancer cells. Comptes Rendus Chimie, 2013, 16, 838-844.	0.2	16
21	Synthesis, Characterization, and the Influence of Functionalized Multi-Walled Carbon Nanotubes with Creatinine and 2-Aminobenzophenone on the Gastric Cancer Cells. Bulletin of the Korean Chemical Society, 2013, 34, 149-153.	1.0	15
22	Co-Treatment with Sulforaphane and Nano-Metformin Molecules Accelerates Apoptosis in HER2+ Breast Cancer Cells by Inhibiting Key Molecules. Nutrition and Cancer, 2020, 72, 835-848.	0.9	14
23	One-Pot Stereoselective Synthesis of Dialkyl Phosphorylsuccinates from Phthalhydrazide, Activated Acetylenes, and Trialkyl(Aryl) Phosphites. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 71-78.	0.8	12
24	Microwave-Induced Chemical Functionalization of Carboxylated Multi-Walled Nanotubes With 2,3-diaminopyridine. Fullerenes Nanotubes and Carbon Nanostructures, 2012, 20, 183-190.	1.0	11
25	Immobilized copper(II) macrocyclic complex on MWCNTs with antibacterial activity. Applied Surface Science, 2015, 341, 86-91.	3.1	11
26	Functionalization and Toxicity Effect of Multi-walled Carbon Nanotubes with Urea DerivativesviaMicrowave Irradiation. Fullerenes Nanotubes and Carbon Nanostructures, 2013, 21, 568-578.	1.0	10
27	Synthesis of Dialkyl Phosphorylsuccinates from the Reaction of Thiouracil Derivatives with Dialkyl Acetylenedicarboxylates in the Presence of Trialkylphosphites. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 1844-1852.	0.8	9
28	The simultaneous adsorption and desorption of flavonoids from bitter orange peel by the carboxylated multi-walled carbon nanotubes. Carbon Letters, 2019, 29, 273-279.	3.3	9
29	Synthesis of Isatin Derivative on the Short Multiwalled Carbon Nanotubes and Their Effect on the MKN-45 and SW742 Cancer Cells. Journal of Chemistry, 2013, 2013, 1-7.	0.9	7
30	The mechanism studies of the adsorptionâ€“desorption process of rutin from water/ethanol solution and the extract of bitter orange peel by the carboxylated multiwalled carbon nanotubes. Journal of the Chinese Chemical Society, 2020, 67, 546-557.	0.8	7
31	The picric acid removal from aqueous solutions by multiâ€walled carbon nanotubes/<scp>EDTA</scp>/carboxymethylcellulose nanocomposite: Central composite design optimization, kinetic, and isotherm studies. Journal of the Chinese Chemical Society, 2021, 68, 2103-2117.	0.8	7
32	Efficient Synthesis of Urea Derivatives via a Sequential One-Pot Nucleophilic Addition/Ugi Five-Component Reaction Under Solvent-Free Conditions. Synthetic Communications, 2012, 42, 2110-2120.	1.1	6
33	One-pot Functionalization of Short Carboxyl Multi-walled Carbon Nanotubes with Ninhydrin and ThioureaviaMicrowave and Thermal Methods and Their Effect on MKN-45 and MCF7 Cancer Cells. Fullerenes Nanotubes and Carbon Nanostructures, 2014, 22, 834-844.	1.0	6
34	Functionalisation of multiwalled carbon nanotubes with thiazole derivative and their influence on SKBR3 and HEK293 cell lines. Materials Technology, 2016, 31, 371-376.	1.5	6
35	Prediction of Thermodynamic and Structural Properties of Sulfamerazine and Sulfamethazine in Water Using DFT and ab Initio Methods. Journal of the Mexican Chemical Society, 2018, 62, .	0.2	6
36	Synthesis, characterization, and toxicity of multi-walled carbon nanotubes functionalized with 4-hydroxyquinazoline. Carbon Letters, 2016, 17, 45-52.	3.3	6

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37	One-pot and Three-component Functionalization of Short Multi-walled Carbon Nanotubes with Isatoic Anhydride and Benzyl Amine and Their Effect on the MKN-45 and MCF7 Cancer Cells. Fullerenes Nanotubes and Carbon Nanostructures, 2015, 23, 500-508.	1.0	5
38	Influence of functionalised multiwalled carbon nanotubes with imidazole derivative and thiosemicarbazide on MKN45 and SW742 cancer cells. Materials Technology, 2015, 30, 223-229.	1.5	4
39	Molecular modeling, pK a and thermodynamic values of asthma drugs. Medicinal Chemistry Research, 2018, 27, 95-114.	1.1	3
40	The Oxidation of 2,4,6-Trinitrotoluene with an Ozone-Oxygen Mixture: A Simple Method for Preparation of 1,3,5-Trinitrobenzene. Journal of Chemistry, 2013, 2013, 1-5.	0.9	2
41	DFT study of the intramolecular double proton transfer of 2,5-diamino-1,4-benzoquinone and its derivatives, and investigations about their aromaticity. Comptes Rendus Chimie, 2017, 20, 942-951.	0.2	2
42	Molecular Simulations Identify Target Receptor Kinases Bound by Astaxanthin to Induce Breast Cancer Cell Apoptosis. Archives of Breast Cancer, 0, , 72-82.	0.0	2
43	Determination of acidic dissociation constants of glutamine and isoleucine in water using ab initio methods. Turkish Journal of Biochemistry, 0, , .	0.3	1
44	Investigation of Solution pKa and Thermodynamic Values of Lamivudine and Pefloxacin Drugs by Ab initio and DFT Methods. Journal of Solution Chemistry, 2018, 47, 1079-1095.	0.6	1
45	Investigation of the Anticancer Effects of Nanocomposite of the Modified Graphene Oxide with Isatin-3-Semicarbazone on the Retinoblastoma Cells (Y79) Invitro. Majallah-i DÄnishgÄh-i â€™UlÅ«m-i PizishkÄ«-i ÄªlÄm, 2021, 29, 75-88.	0.1	0