

# Hasan Tahermansouri

## List of Publications by Year in descending order

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45  
papers

813  
citations

471061  
17  
h-index

525886  
27  
g-index

51  
all docs

51  
docs citations

51  
times ranked

919  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of graphene oxide in the adsorption and extraction of bioactive compounds from lemon peel. <i>Food Science and Nutrition</i> , 2021, 9, 3852-3862.	1.5	19
2	The picric acid removal from aqueous solutions by multi-walled carbon nanotubes/EDTA/carboxymethylcellulose nanocomposite: Central composite design optimization, kinetic, and isotherm studies. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 2103-2117.	0.8	7
3	Investigation of the Anticancer Effects of Nanocomposite of the Modified Graphene Oxide with Isatin-3-Semicarbazone on the Retinoblastoma Cells (Y79) In vitro. <i>Majallah-i Dānishgāh-i Ālām</i> , 2021, 29, 75-88.	0.1	0
4	The mechanism studies of the adsorption-desorption process of rutin from water/ethanol solution and the extract of bitter orange peel by the carboxylated multiwalled carbon nanotubes. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 546-557.	0.8	7
5	Co-Treatment with Sulforaphane and Nano-Metformin Molecules Accelerates Apoptosis in HER2+ Breast Cancer Cells by Inhibiting Key Molecules. <i>Nutrition and Cancer</i> , 2020, 72, 835-848.	0.9	14
6	The simultaneous adsorption and desorption of flavonoids from bitter orange peel by the carboxylated multi-walled carbon nanotubes. <i>Carbon Letters</i> , 2019, 29, 273-279.	3.3	9
7	Preparation and characterization of functionalized MWCNTs-COOH with 3-amino-5-phenylpyrazole as an adsorbent and optimization study using central composite design. <i>Carbon Letters</i> , 2019, 29, 1-20.	3.3	21
8	Kinetics, equilibrium and isotherms of Pb <sup>2+</sup> adsorption from aqueous solutions on carbon nanotubes functionalized with 3-amino-5a,10a-dihydroxybenzo[b] indeno [2,l-d]furan-10-one. <i>New Carbon Materials</i> , 2019, 34, 512-523.	2.9	24
9	Synthesis, characterization and study of sorption parameters of multi-walled carbon nanotubes/chitosan nanocomposite for the removal of picric acid from aqueous solutions. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 598-610.	3.6	38
10	Synthesis, characterization, and electrochemical properties of the modified graphene oxide with 4,4'-methylene dianiline. <i>Materials Letters</i> , 2018, 211, 323-327.	1.3	18
11	Molecular modeling, pK <sub>a</sub> and thermodynamic values of asthma drugs. <i>Medicinal Chemistry Research</i> , 2018, 27, 95-114.	1.1	3
12	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. <i>Research on Chemical Intermediates</i> , 2018, 44, 69-92.	1.3	34
13	Competent Heavy Metal Adsorption by Modified MWCNTs and Optimization Process by Experimental Design. <i>Journal of Environmental Engineering, ASCE</i> , 2018, 144, .	0.7	19
14	Investigation of Solution pK <sub>a</sub> and Thermodynamic Values of Lamivudine and Pefloxacin Drugs by Ab initio and DFT Methods. <i>Journal of Solution Chemistry</i> , 2018, 47, 1079-1095.	0.6	1
15	Prediction of Thermodynamic and Structural Properties of Sulfamerazine and Sulfamethazine in Water Using DFT and ab Initio Methods. <i>Journal of the Mexican Chemical Society</i> , 2018, 62, .	0.2	6
16	Development of a graphene oxide/chitosan nanocomposite for the removal of picric acid from aqueous solutions: Study of sorption parameters. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 160, 671-681.	2.5	32
17	DFT study of the intramolecular double proton transfer of 2,5-diamino-1,4-benzoquinone and its derivatives, and investigations about their aromaticity. <i>Comptes Rendus Chimie</i> , 2017, 20, 942-951.	0.2	2
18	A new modified MWCNTs with 3-aminopyrazole as a nanoadsorbent for Cd(II) removal from aqueous solutions. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 3405-3417.	3.3	38

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19	Highly efficient simultaneous adsorption of Cd( $\text{Cd}^{2+}$ ), Hg( $\text{Hg}^{2+}$ ) and As( $\text{As}^{3+}$ ) ions from aqueous solutions by modification of graphene oxide with 3-aminopyrazole: central composite design optimization. <i>New Journal of Chemistry</i> , 2017, 41, 8905-8919.	1.4	51
20	Functionalisation of multiwalled carbon nanotubes with thiazole derivative and their influence on SKBR3 and HEK293 cell lines. <i>Materials Technology</i> , 2016, 31, 371-376.	1.5	6
21	Synthesis, characterization, and toxicity of multi-walled carbon nanotubes functionalized with 4-hydroxyquinazoline. <i>Carbon Letters</i> , 2016, 17, 45-52.	3.3	6
22	Influence of functionalised multiwalled carbon nanotubes with imidazole derivative and thiosemicarbazide on MKN45 and SW742 cancer cells. <i>Materials Technology</i> , 2015, 30, 223-229.	1.5	4
23	Phenol adsorption from aqueous solutions by functionalized multiwalled carbon nanotubes with a pyrazoline derivative in the presence of ultrasound. <i>RSC Advances</i> , 2015, 5, 44263-44273.	1.7	40
24	Immobilized copper(II) macrocyclic complex on MWCNTs with antibacterial activity. <i>Applied Surface Science</i> , 2015, 341, 86-91.	3.1	11
25	The removal of lead ions from aqueous solutions by modified multi-walled carbon nanotubes with 1-isatin-3-thiosemicarbazone. <i>Journal of Molecular Liquids</i> , 2015, 212, 219-226.	2.3	40
26	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. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015, 23, 500-508.	1.0	5
27	Kinetic, Equilibrium and Isotherm Studies of Cadmium Removal from Aqueous Solutions by Oxidized Multi-Walled Carbon Nanotubes and the Functionalized Ones with Thiosemicarbazide and Their Toxicity Investigations: A Comparison. <i>Journal of the Chinese Chemical Society</i> , 2014, 61, 1188-1198.	0.8	24
28	Nickel oxide nanoparticles prepared by gelatin and their application toward the oxygen evolution reaction. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 747-753.	1.2	42
29	One-pot Functionalization of Short Carboxyl Multi-walled Carbon Nanotubes with Ninhydrin and Thiourea via Microwave and Thermal Methods and Their Effect on MKN-45 and MCF7 Cancer Cells. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2014, 22, 834-844.	1.0	6
30	Functionalization of carboxylated multi-wall carbon nanotubes with 3,5-diphenyl pyrazole and an investigation of their toxicity. <i>New Carbon Materials</i> , 2013, 28, 199-207.	2.9	18
31	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. <i>Comptes Rendus Chimie</i> , 2013, 16, 838-844.	0.2	16
32	Synthesis, Characterization, and the Influence of Functionalized Multi-Walled Carbon Nanotubes with Creatinine and 2-Aminobenzophenone on the Gastric Cancer Cells. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 149-153.	1.0	15
33	Functionalization and Toxicity Effect of Multi-walled Carbon Nanotubes with Urea Derivatives via Microwave Irradiation. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2013, 21, 568-578.	1.0	10
34	The Oxidation of 2,4,6-Trinitrotoluene with an Ozone-Oxygen Mixture: A Simple Method for Preparation of 1,3,5-Trinitrobenzene. <i>Journal of Chemistry</i> , 2013, 2013, 1-5.	0.9	2
35	Synthesis of Isatin Derivative on the Short Multiwalled Carbon Nanotubes and Their Effect on the MKN-45 and SW742 Cancer Cells. <i>Journal of Chemistry</i> , 2013, 2013, 1-7.	0.9	7
36	Kinetic and Equilibrium Study of Lead (II) Removal by Functionalized Multiwalled Carbon Nanotubes with Isatin Derivative from Aqueous Solutions. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 3391-3398.	1.0	21

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37	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
38	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
39	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
40	Functionalization of Carboxylated Multi-Walled Carbon Nanotubes With 1, 4-Phenyldiamine, Phenylisocyanate and Phenylisothiocyanate. Fullerenes Nanotubes and Carbon Nanostructures, 2011, 19, 753-760.	1.0	18
41	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
42	Functionalization of carboxylated multiwall nanotubes with imidazole derivatives and their toxicity investigations. International Journal of Nanomedicine, 2010, 5, 907.	3.3	27
43	KrÄhnke pyridines: an efficient solvent-free synthesis of 2,4,6-triarylpyridines. Tetrahedron Letters, 2006, 47, 5957-5960.	0.7	104
44	Determination of acidic dissociation constants of glutamine and isoleucine in water using ab initio methods. Turkish Journal of Biochemistry, 0, , .	0.3	1
45	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