

Mousa Bohlooli

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

396
citations

13
h-index

16
g-index

43
ext. papers

440
ext. citations

3.8
avg, IF

3.46
L-index

#	Paper	IF	Citations
42	Potential applications of armchair, zigzag, and chiral boron nitride nanotubes as a drug delivery system: Letrozole anticancer drug encapsulation. <i>Applied Physics A: Materials Science and Processing</i> , 2021 , 127, 1	2.6	4
41	Functionalization of an iron-porphyrinic metal-organic framework with Bovine serum albumin for effective removal of organophosphate insecticides. <i>Journal of Molecular Liquids</i> , 2021 , 343, 116974	6	4
40	Iron species supported on a mesoporous zirconium metal-organic framework for visible light driven synthesis of quinazolin-4(3H)-ones through one-pot three-step tandem reaction. <i>Journal of Colloid and Interface Science</i> , 2019 , 535, 214-226	9.3	36
39	Determination of gold in water samples using electromembrane extraction. <i>Journal of Dispersion Science and Technology</i> , 2018 , 39, 311-315	1.5	4
38	Urea-based porous organic polymer/graphene oxide hybrid as a new sorbent for highly efficient extraction of bovine serum albumin prior to its spectrophotometric determination. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 205, 200-206	4.4	6
37	Determination of Amadori Product in Glycated Human Serum Albumin by Spectroscopy Methods. <i>ChemistrySelect</i> , 2018 , 3, 7018-7022	1.8	1
36	Application of Chitosan-Zinc Oxide Nanoparticles for Lead Extraction From Water Samples by Combining Ant Colony Optimization with Artificial Neural Network. <i>Journal of Applied Spectroscopy</i> , 2017 , 84, 716-724	0.7	3
35	Extraction of caffeine and gallic acid from coffee by electrokinetic methods coupled with a hollow-fiber membrane. <i>Journal of Food Process Engineering</i> , 2017 , 40, e12565	2.4	4
34	Cover Image, Volume 40, Issue 6. <i>Journal of Food Process Engineering</i> , 2017 , 40, e12665	2.4	
33	Maghemite nanoparticle-decorated hollow fiber electromembrane extraction combined with dispersive liquid-liquid microextraction for determination of thymol from <i>Carum copticum</i> . <i>Journal of the Science of Food and Agriculture</i> , 2017 , 97, 1517-1523	4.3	14
32	Magnetic molecularly imprinted polymers/silver nanoparticle based micro-solid phase extraction for the determination of polycyclic aromatic hydrocarbons in water samples. <i>RSC Advances</i> , 2016 , 6, 54702-54708	2.7	13
31	Acetoacetate promotes the formation of fluorescent advanced glycation end products (AGEs). <i>Journal of Biomolecular Structure and Dynamics</i> , 2016 , 34, 2658-2666	3.6	7
30	Flotation-Assisted Homogenous Liquid-Liquid Microextraction for Determination of Cadmium in Vegetables. <i>International Journal of Vegetable Science</i> , 2016 , 22, 266-273	1.2	5
29	Application of the artificial neural network and imperialist competitive algorithm for optimization of molecularly imprinted solid phase extraction of methylene blue. <i>E-Polymers</i> , 2016 , 16, 243-253	2.7	6
28	The role of acetoacetate in Amadori product formation of human serum albumin. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016 , 163, 345-51	6.7	7
27	The inhibitory influence of 3-Hydroxybutyrate on calf thymus DNA glycation by glucose. <i>RSC Advances</i> , 2016 , 6, 83880-83884	3.7	3
26	Anti-amyloidogenic Effects of Ellagic Acid on Human Serum Albumin Fibril Formation Induced by Potassium Sorbate and Glucose. <i>Journal of Molecular Recognition</i> , 2016 , 29, 611-618	2.6	8

25	Caseoperoxidase, mixed β -casein-SDS-hemin-imidazole complex: a nano artificial enzyme. <i>Journal of Biomolecular Structure and Dynamics</i> , 2015 , 33, 2619-32	3.6	13
24	Electromembrane Extraction of Organic Acid Compounds in Biological Samples Followed by High-Performance Liquid Chromatography. <i>Journal of Chromatographic Science</i> , 2015 , 53, 1217-21	1.4	7
23	Modeling of dispersive liquid-liquid microextraction for determination of essential oil from <i>Borago officinalis</i> L. by using combination of artificial neural network and genetic algorithm method. <i>Journal of Chromatographic Science</i> , 2015 , 53, 1801-7	1.4	6
22	Silver nanoparticles for separation and preconcentration processes. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 64, 118-126	14.6	19
21	Application of hollow cylindrical wheat stem for electromembrane extraction of thorium in water samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 137, 328-32	4.4	22
20	Dispersive solid phase extraction combined with dispersive liquid-liquid extraction for the determination of BTEX in soil samples: ant colony optimization-artificial neural network. <i>Journal of Chemometrics</i> , 2015 , 29, 245-252	1.6	7
19	Mechanism and behavior of silver nanoparticles in aqueous medium as adsorbent. <i>Talanta</i> , 2015 , 144, 1377-86	6.2	11
18	Box-Behnken design in modeling of solid-phase tea waste extraction for the removal of uranium from water samples. <i>Radiochimica Acta</i> , 2015 , 103, 379-384	1.9	1
17	Use of response surface methodology in the optimization of the microwave assisted extraction method for determination of multielements in <i>Brassica oleracea</i> var. <i>capitata</i> (cabbage) samples. <i>Journal of Food Measurement and Characterization</i> , 2015 , 9, 550-556	2.8	4
16	Implication of disulfide bridge induced thermal reversibility, structural and functional stability for luciferase. <i>Protein and Peptide Letters</i> , 2015 , 22, 23-30	1.9	6
15	Inhibition of fluorescent advanced glycation end products (AGEs) of human serum albumin upon incubation with 3-Hydroxybutyrate. <i>Molecular Biology Reports</i> , 2014 , 41, 3705-13	2.8	13
14	Matrix solid-phase dispersion with chitosan-zinc oxide nanoparticles combined with flotation-assisted dispersive liquid-liquid microextraction for the determination of 13 n-alkanes in soil samples. <i>Journal of Separation Science</i> , 2014 , 37, 3292-8	3.4	15
13	Energetic domains and conformational analysis of human serum albumin upon co-incubation with sodium benzoate and glucose. <i>Journal of Biomolecular Structure and Dynamics</i> , 2014 , 32, 438-47	3.6	17
12	Comparative study of thermal domains analyzing of glycated and non-glycated human serum albumin. <i>Thermochimica Acta</i> , 2014 , 594, 24-30	2.9	15
11	A rapid synthesis of silver nanoparticles using a radical initiator under UV light and evaluation of their antibacterial activities. <i>Russian Journal of General Chemistry</i> , 2014 , 84, 2257-2261	0.7	3
10	Heat-induced conformational unfolding of fatty acid-free and fatted camel serum albumin: a comparative study. <i>Cell Biochemistry and Biophysics</i> , 2013 , 67, 727-34	3.2	4
9	Potassium sorbate as an AGE activator for human serum albumin in the presence and absence of glucose. <i>International Journal of Biological Macromolecules</i> , 2013 , 62, 146-54	7.9	12
8	Investigation of thermal reversibility and stability of glycated human serum albumin. <i>International Journal of Biological Macromolecules</i> , 2013 , 62, 358-64	7.9	22

7	Thermodynamics of a molten globule state of human serum albumin by 3-Hydroxybutyrate as a ketone body. <i>International Journal of Biological Macromolecules</i> , 2013 , 54, 258-63	7.9	15
6	Thermal inactivation and conformational lock studies on horse liver alcohol dehydrogenase: structural mechanism. <i>International Journal of Biological Macromolecules</i> , 2013 , 58, 66-72	7.9	10
5	Modified β -casein restores thermal reversibility of human carbonic anhydrase II: the salt bridge mechanism. <i>Biotechnology and Applied Biochemistry</i> , 2013 , 60, 298-304	2.8	3
4	A self-assembled nano-cluster complex based on cytochrome c and nafion: An efficient nanostructured peroxidase. <i>Biochemical Engineering Journal</i> , 2012 , 65, 16-22	4.2	12
3	Cytochrome c embraced in sodium dodecyl sulfate nano-micelle as a homogeneous nanostructured peroxidase. <i>Journal of the Iranian Chemical Society</i> , 2012 , 9, 775-782	2	9
2	Effects of silica nanoparticle supported ionic liquid as additive on thermal reversibility of human carbonic anhydrase II. <i>International Journal of Biological Macromolecules</i> , 2012 , 51, 933-8	7.9	13
1	Imprinted Polymer Particles for Aluminum Uptake: Synthesis and Analytical Applications. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2009 , 46, 526-532	2.2	12