Mohsen Shahlaei

List of Publications by Year
in descending order

137 papers	2,505 citations	185998 28 h-index	276539 41 g-index
139 all docs	139 docs citations	139 times ranked	3233 citing authors

#	Article	IF	Citations
1	Descriptor Selection Methods in Quantitative Structureâ€“Activity Relationship Studies: A Review Study. Chemical Reviews, 2013, 113, 8093-8103.	23.0	169
2	Easy synthesis, characterization and cell cytotoxicity of green nano carbon dots using hydrothermal carbonization of Gum Tragacanth and chitosan bio-polymers for bioimaging. Journal of Molecular Liquids, 2018, 259, 284-290.	2.3	85
3	Magnetic framework composite as sorbent for magnetic solid phase extraction coupled with high performance liquid chromatography for simultaneous extraction and determination of tricyclic antidepressants. Analytica Chimica Acta, 2018, 1034, 204-213.	2.6	82
4	A new composite of nano zero-valent iron encapsulated in carbon dots for oxidative removal of bio-refractory antibiotics from water. Journal of Cleaner Production, 2019, 209, 1523-1532.	4.6	70
5	Shedding light on the structural properties of lipid bilayers using molecular dynamics simulation: a review study. RSC Advances, 2019, 9, 4644-4658.	1.7	67
6	QSAR study of anthranilic acid sulfonamides as inhibitors of methionine aminopeptidase-2 using LS-SVM and GRNN based on principal components. European Journal of Medicinal Chemistry, 2010, 45, 4499-4508.	2.6	58
7	Homology modeling of human CCR5 and analysis of its binding properties through molecular docking and molecular dynamics simulation. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 802-817.	1.4	54
8	Targeting SARS-COV-2 non-structural protein 16: a virtual drug repurposing study. Journal of Biomolecular Structure and Dynamics, 2021, 39, 4633-4646.	2.0	53
9	Probing of possible olanzapine binding site on human serum albumin: Combination of spectroscopic methods and molecular dynamics simulation. Journal of Luminescence, 2015, 158, 91-98.	1.5	52
10	Application of PC-ANN and PC-LS-SVM in QSAR of CCR1 antagonist compounds: A comparative study. European Journal of Medicinal Chemistry, 2010, 45, 1572-1582.	2.6	51
11	Application of carbon dots as efficient catalyst for the green oxidation of phenol: Kinetic study of the degradation and optimization using response surface methodology. Journal of Hazardous Materials, 2018, 353, 444-453.	6.5	45
12	New function ofTSGA10gene in angiogenesis and tumor metastasis: a response to a challengeable paradox. Human Molecular Genetics, 2016, 25, 233-244.	1.4	43
13	Polyvinyl alcohol/Gum tragacanth/graphene oxide composite nanofiber for antibiotic delivery. Journal of Drug Delivery Science and Technology, 2020, 60, 102044.	1.4	43
14	Experimental and computational studies on the binding of diazinon to human serum albumin. Journal of Biomolecular Structure and Dynamics, 2018, 36, 1490-1510.	2.0	42
15	An Impedimetric Immunosensor modified with electrospun core-shell nanofibers for determination of the carcinoma embryonic antigen. Sensors and Actuators B: Chemical, 2020, 311, 127928.	4.0	42
16	Exploring binding properties of sertraline with human serum albumin: Combination of spectroscopic and molecular modeling studies. Chemico-Biological Interactions, 2015, 242, 235-246.	1.7	40
17	Application of an expert system based on Genetic Algorithmâ€“Adaptive Neuro-Fuzzy Inference System (GAâ€“ANFIS) in QSAR of cathepsin K inhibitors. Expert Systems With Applications, 2012, 39, 6182-6191.	4.4	38
18	Spectroscopic study of drug-binding characteristics of unmodified and pNPA-based acetylated human serum albumin: Does esterase activity affect microenvironment of drug binding sites on the protein?. Journal of Luminescence, 2015, 160, 351-361.	1.5	38

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19	Metformin accelerates myelin recovery and ameliorates behavioral deficits in the animal model of multiple sclerosis via adjustment of AMPK/Nrf2/mTOR signaling and maintenance of endogenous oligodendrogenesis during brain self-repairing period. Pharmacological Reports, 2020, 72, 641-658.	1.5	37
20	The applications of PCA in QSAR studies: A case study on CCR5 antagonists. Chemical Biology and Drug Design, 2018, 91, 137-152.	1.5	36
21	Study of dual encapsulation possibility of hydrophobic and hydrophilic drugs into a nanocarrier based on bio-polymer coated graphene oxide using density functional theory, molecular dynamics simulation and experimental methods. Journal of Molecular Liquids, 2018, 262, 204-217.	2.3	35
22	A molecular dynamics simulation study on the mechanism of loading of gemcitabine and camptothecin in poly lactic-co-glycolic acid as a nano drug delivery system. Journal of Molecular Liquids, 2018, 269, 110-118.	2.3	35
23	Nano drug delivery systems: Molecular dynamic simulation. Journal of Molecular Liquids, 2021, 332, 115823.	2.3	35
24	Direct evidences for the groove binding of the Clomifene to double stranded DNA. International Journal of Biological Macromolecules, 2018, 114, 40-53.	3.6	32
25	The effects of rose pigments extracted by different methods on the optical properties of carbon quantum dots and its efficacy in the determination of Diazinon. Microchemical Journal, 2020, 158, 105232.	2.3	32
26	Electrocatalytic oxidation and determination of dexamethasone at an Fe₃O₄/PANIâ€“Cu^{II} microsphere modified carbon ionic liquid electrode. RSC Advances, 2017, 7, 11322-11330.	1.7	31
27	Chitosan/gelatin as a new nano-carrier system for calcium hydroxide delivery in endodontic applications: Development, characterization and process optimization. Materials Science and Engineering C, 2018, 92, 540-546.	3.8	31
28	A Comprehensive Physicochemical, In Vitro and Molecular Characterization of Letrozole Incorporated Chitosan-Lipid Nanocomplex. Pharmaceutical Research, 2019, 36, 62.	1.7	30
29	Enhanced heterogeneous Fenton oxidation of organic pollutant via Fe-containing mesoporous silica composites: A review. Journal of Molecular Liquids, 2021, 321, 114896.	2.3	30
30	Validated QSAR analysis of some diaryl substituted pyrazoles as CCR2 inhibitors by various linear and nonlinear multivariate chemometrics methods. European Journal of Medicinal Chemistry, 2010, 45, 3394-3406.	2.6	29
31	In silico investigation on the inhibitory effect of fungal secondary metabolites on RNA dependent RNA polymerase of SARS-CoV-II: A docking and molecular dynamic simulation study. Computers in Biology and Medicine, 2021, 135, 104613.	3.9	29
32	Comparative molecular dynamic simulation study on the use of chitosan for temperature stabilization of interferon Î±II. Carbohydrate Polymers, 2019, 203, 52-59.	5.1	27
33	Application of partial least squares and radial basis function neural networks in multivariate imaging analysis-quantitative structure activity relationship: Study of cyclin dependent kinase 4 inhibitors. Journal of Molecular Graphics and Modelling, 2010, 29, 518-528.	1.3	26
34	Investigation on human serum albumin and Gum Tragacanth interactions using experimental and computational methods. International Journal of Biological Macromolecules, 2018, 107, 2525-2533.	3.6	25
35	Quantitative structure-property relationship (QSPR) models for predicting the physicochemical properties of polychlorinated biphenyls (PCBs) using deep belief network. Ecotoxicology and Environmental Safety, 2018, 162, 17-28.	2.9	25
36	Impedimetric aptamer based determination of the tumor marker MUC1 by using electrospun core-shell nanofibers. Mikrochimica Acta, 2020, 187, 5.	2.5	25

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37	An innovative green sensing strategy based on Cu-doped Tragacanth/Chitosan nano carbon dots for Isoniazid detection. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 228, 117848.	2.0	25
38	Stepwise MLR and PCR QSAR study of the pharmaceutical activities of antimalarial 3-hydroxypyridinone agents using B3LYP/6-311++G** descriptors. Medicinal Chemistry Research, 2013, 22, 1679-1688.	1.1	24
39	Sustained release nanofibrous composite patch for transdermal antibiotic delivery. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 586, 124267.	2.3	24
40	Facile aqueous synthesis of Ni-doped CdTe quantum dots as fluorescent probes for detecting pyrazinamide in plasma. Microchemical Journal, 2019, 146, 293-299.	2.3	23
41	Exploring a Model of a Chemokine Receptor/Ligand Complex in an Explicit Membrane Environment by Molecular Dynamics Simulation: The Human CCR1 Receptor. Journal of Chemical Information and Modeling, 2011, 51, 2717-2730.	2.5	22
42	QSAR Analysis for Some Diarylâ€substituted Pyrazoles as CCR2 Inhibitors by GAâ€Stepwise MLR. Chemical Biology and Drug Design, 2011, 77, 75-85.	1.5	22
43	Exploring the binding mechanism of paraquat to DNA by a combination of spectroscopic, cellular uptake, molecular docking and molecular dynamics simulation methods. New Journal of Chemistry, 2017, 41, 14188-14198.	1.4	21
44	Gastric cancer biomarkers; A systems biology approach. Biochemistry and Biophysics Reports, 2018, 13, 141-146.	0.7	20
45	New and sensitive sensor for voltammetry determination of Methamphetamine in biological samples. Journal of Materials Science: Materials in Electronics, 2020, 31, 10989-11000.	1.1	20
46	A simple method for determination of mercury (II) ions by PNBS-doped carbon dots as a fluorescent probe. Journal of Materials Science: Materials in Electronics, 2020, 31, 5975-5983.	1.1	20
47	A simple and label-free genosensor for BRCA1 related sequence based on electrospinned ribbon conductive nanofibers. Microchemical Journal, 2018, 143, 118-126.	2.3	19
48	Computational evaluation of some indenopyrazole derivatives as anticancer compounds; application of QSAR and docking methodologies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2013, 28, 16-32.	2.5	18
49	Exploring the interaction between epidermal growth factor receptor tyrosine kinase and some of the synthesized inhibitors using combination of in-silico and in-vitro cytotoxicity methods. Research in Pharmaceutical Sciences, 2018, 13, 509.	0.6	18
50	A coupling of homology modeling with multiple molecular dynamics simulation for identifying representative conformation of GPCR structures: a case study on human bombesin receptor subtype-3. Journal of Biomolecular Structure and Dynamics, 2017, 35, 250-272.	2.0	17
51	The electrochemical immunosensor for detection of prostatic specific antigen using quince seed mucilage-GNPs-SNPs as a green composite. Bioelectrochemistry, 2021, 139, 107744.	2.4	17
52	Cycloartanes from Euphorbia aellenii Rech. f. and their Antiproliferative Activity. Iranian Journal of Pharmaceutical Research, 2011, 10, 105-12.	0.3	17
53	QSAR study of some CCR5 antagonists as anti-HIV agents using radial basis function neural network and general regression neural network on the basis of principal components. Medicinal Chemistry Research, 2012, 21, 3246-3262.	1.1	16
54	Molecular modeling, structure activity relationship and immunomodulatory properties of some lupeol derivatives. Medicinal Chemistry Research, 2013, 22, 1795-1803.	1.1	16

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55	Molecular Dynamics Simulation of Chemokine Receptors in Lipid Bilayer: A Case Study on <scp>C</scp>â€“<scp>C</scp> Chemokine Receptor Type 2. Chemical Biology and Drug Design, 2013, 82, 534-545.	1.5	15
56	Atomistic details on the mechanism of organophosphates resistance in insects: Insights from homology modeling, docking and molecular dynamic simulation. Journal of Molecular Liquids, 2019, 276, 59-66.	2.3	15
57	Two-dimensional nanostructure colloids in novel nano drug delivery systems. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 585, 124077.	2.3	15
58	Simultaneously implement of both weak magnetic field and aeration for ciprofloxacin removal by Fenton-like reaction. Journal of Environmental Management, 2019, 246, 776-784.	3.8	14
59	Dipyridamole inhibits Î±-amylase/Î±-glucosidase at sub-micromolar concentrations; in-vitro, in-vivo and theoretical studies. Bioorganic Chemistry, 2019, 88, 102972.	2.0	14
60	Development of Ag nanoparticle-carbon quantum dot nanocomplex as fluorescence sensor for determination of gemcitabine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 262, 120148.	2.0	14
61	Nano-biosensors in cellular and molecular biology. Cellular and Molecular Biology, 2018, 64, 85-90.	0.3	14
62	QSAR analysis of some 1-(3,3-diphenylpropyl)-piperidinyl amides and ureas as CCR5 inhibitors using genetic algorithm-least square support vector machine. Medicinal Chemistry Research, 2013, 22, 4384-4400.	1.1	13
63	Rapid determination of the anti-cancer agent Gemcitabine in biological samples by fluorescence sensor based on Au-doped CdTe. Journal of Molecular Liquids, 2018, 266, 514-521.	2.3	13
64	Multi spectroscopy and molecular modeling aspects related to drug interaction of aspirin and warfarin with pepsin; structural change and protease activity. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 228, 117813.	2.0	13
65	Comparative quantitative structureâ€“activity relationship study of some 1-aminocyclopentyl-3-carboxyamides as CCR2 inhibitors using stepwise MLR, FA-MLR, and GA-PLS. Medicinal Chemistry Research, 2012, 21, 100-115.	1.1	12
66	Development of a human epidermal growth factor derivative with EGFR-blocking and depleted biological activities: A comparative in vitro study using EGFR-positive breast cancer cells. International Journal of Biological Macromolecules, 2017, 103, 275-285.	3.6	12
67	A new sensing strategy based on thymine basesâ€“Hg2+â€“methylene blue coordination on the electrospun PESâ€“QDs platform for detection of Hg2+ in fruit juice samples. Journal of the Iranian Chemical Society, 2019, 16, 2269-2279.	1.2	12
68	Fenton-like removal of tetracycline from aqueous solution using iron-containing carbon dot nanocatalysts. New Journal of Chemistry, 2020, 44, 17735-17743.	1.4	12
69	Evaluation of the effects of isoniazid and rifampin on the structure and activity of pepsin enzyme by multi spectroscopy and molecular modeling methods. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 253, 119523.	2.0	12
70	Combined spectroscopy and molecular modeling studies on the binding of galbanic acid and MMP9. International Journal of Biological Macromolecules, 2015, 81, 308-315.	3.6	11
71	Comparative experimental/theoretical studies on the EGFR dimerization under the effect of EGF/EGF analogues binding: Highlighting the importance of EGF/EGFR interactions at site III interface. International Journal of Biological Macromolecules, 2018, 115, 401-417.	3.6	11
72	Elucidating the interaction of letrozole with human serum albumin by combination of spectroscopic and molecular modeling techniques. Research in Pharmaceutical Sciences, 2018, 13, 304.	0.6	11

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73	Determination of Arsenic in Drinking Water Samples by Electrothermal Atomic Absorption Spectrometry after Preconcentration Using the Biomass ofAspergillus nigerLoaded on Activated Charcoal. Journal of Chemistry, 2014, 2014, 1-6.	0.9	10
74	Synthesis, characterization and comparative DNA interaction studies of new copper(II) and nickel(II) complexes containing mesalamine drug using molecular modeling and multispectroscopic methods. Journal of Coordination Chemistry, 2015, 68, 3667-3684.	0.8	10
75	Sepantronium Bromide (YM155), A Small Molecule Survivin Inhibitor, Promotes Apoptosis by Induction of Oxidative Stress, Worsens the Behavioral Deficits and Develops an Early Model of Toxic Demyelination: In Vivo and In-Silico Study. Neurochemical Research, 2019, 44, 2482-2498.	1.6	10
76	Effectiveness of naltrexone treatment for alcohol use disorders in HIV: a systematic review. Substance Abuse Treatment, Prevention, and Policy, 2020, 15, 24.	1.0	10
77	A Conformational Analysis Study on the Melanocortin 4 Receptor Using Multiple Molecular Dynamics Simulations. Chemical Biology and Drug Design, 2015, 86, 309-321.	1.5	9
78	A signal amplification by QDs used for ferrocene-labeled sandwich aptasensor for determination of Hg2+ in water samples. Journal of the Iranian Chemical Society, 2019, 16, 2555-2564.	1.2	9
79	TSGA10 Over Expression Decreases Metastasic and Metabolic Activity by Inhibiting HIF-1 in Breast Cancer Cells. Archives of Medical Research, 2020, 51, 41-53.	1.5	9
80	Introduction of a thrombin sensor based on its interaction with dabigatran as an oral direct thrombin inhibitor. Materials Science and Engineering C, 2021, 119, 111417.	3.8	9
81	Virtual screening based on pharmacophore model followed by docking simulation studies in search of potential inhibitors for p38 map kinase. Biomedicine and Pharmacotherapy, 2016, 80, 352-372.	2.5	8
82	A study on the protease activity and structure of pepsin in the presence of atenolol and diltiazem. International Journal of Biological Macromolecules, 2020, 165, 2855-2868.	3.6	8
83	A novel amino cellulose derivative using ATRP method: Preparation, characterization, and investigation of its antibacterial activity. Bioorganic Chemistry, 2021, 106, 104355.	2.0	8
84	Statistically validated QSAR study of some antagonists of the human CCR5 receptor using least square support vector machine based on the genetic algorithm and factor analysis. Medicinal Chemistry Research, 2013, 22, 1399-1414.	1.1	7
85	Analysis of the flexibility and stability of the structure of magainin in a bilayer, and in aqueous and nonaqueous solutions using molecular dynamics simulations. Journal of Molecular Modeling, 2015, 21, 73.	0.8	7
86	Constructing an atomic-resolution model of human P2X7 receptor followed by pharmacophore modeling to identify potential inhibitors. Journal of Molecular Graphics and Modelling, 2015, 61, 243-261.	1.3	7
87	Application of unfolded principal component analysisâ€“radial basis function neural network for determination of celecoxib in human serum by three-dimensional excitationâ€“emission matrix fluorescence spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 138, 675-683.	2.0	7
88	Multiâ€spectroscopic and molecular modeling investigation of the interactions between prantschimgin and matrix metalloproteinase 9 (MMP9). Luminescence, 2016, 31, 587-593.	1.5	7
89	acid phosphatase inhibitors: synthesis accompanied by experimental and molecular modeling assessments. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 20-28.	2.5	7
90	Preparation, characterization and cell cytotoxicity of Pd-doped CdTe quantum dots and its application as a sensitive fluorescent nanoprobe. Journal of Materials Science: Materials in Electronics, 2019, 30, 14233-14242.	1.1	7

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91	TSGA10 overexpression inhibits angiogenesis of HUVECs: A HIF-2Î± biased perspective. Microvascular Research, 2020, 128, 103952.	1.1	7
92	Ultrasonic Enhanced Zero-Valent Iron-Based Fenton Reaction for Ciprofloxacin Removal under Aerobic Condition. Environmental Processes, 2020, 7, 227-241.	1.7	7
93	Modeling of CCR5 antagonists as anti HIV agents using combined genetic algorithm and adaptive neuro-fuzzy inference system (GAâ€“ANFIS). Medicinal Chemistry Research, 2013, 22, 4423-4436.	1.1	6
94	Critical effects on binding of epidermal growth factor produced by amino acid substitutions. Journal of Biomolecular Structure and Dynamics, 2017, 35, 1085-1101.	2.0	6
95	Exploring the interaction between â€œsite-markers, aspirin and esterase-like activityâ€•ternary systems on the human serum albumin: direct evidence for modulation of catalytic activity of the protein in different inhibition modes. Journal of the Iranian Chemical Society, 2018, 15, 555-573.	1.2	6
96	Comparative evaluation of amphotericin B binding to the native and modified forms of rice lipid-transfer protein: a possible perspective on improving the drug-binding affinity and specificity. Journal of the Iranian Chemical Society, 2013, 10, 937-950.	1.2	5
97	Comparison of correlation ranking and eigenvalue ranking unfolded principal component regression for direct determination of naproxen in human serum using excitationâ€“emission matrix fluorescence spectroscopy. Journal of the Iranian Chemical Society, 2015, 12, 967-977.	1.2	5
98	Molecular insight into the Grandivitin- matrix metalloproteinase 9 interactions. Journal of Photochemistry and Photobiology B: Biology, 2016, 162, 493-499.	1.7	5
99	A Study on the Binding of Loperamide to Human Serum Albumin Using Combination of Computational and Experimental Methods. Biochemistry and Analytical Biochemistry: Current Research, 2017, 06, .	0.4	5
100	Physiological changes in the albumin-bound non-esterified free fatty acids critically influence heme/bilirubin binding properties of the protein: A comparative, in vitro, spectroscopic study using the endogenous biomolecules. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 235, 118298.	2.0	5
101	Cholesterol-lowering drugs the simvastatin and atorvastatin change the protease activity of pepsin: An experimental and computational study. International Journal of Biological Macromolecules, 2021, 167, 1414-1423.	3.6	5
102	New Zn(II)-Selective Potentiometric Sensor Based on 3-Hydroxy-2-Naphthoic Hydrazide. Sensor Letters, 2009, 7, 119-125.	0.4	5
103	Quantitative structure-activity relationship study of P2X7 receptor inhibitors using combination of principal component analysis and artificial intelligence methods. Research in Pharmaceutical Sciences, 2015, 10, 307-25.	0.6	5
104	Inhibition of SARS-CoV-2 pathogenesis by potent peptides designed by the mutation of ACE2 binding region. Computers in Biology and Medicine, 2022, 146, 105625.	3.9	5
105	Ultrasound assisted pseudo-digestion for determination of iron and manganese in citric acid fermentation mediums by electrothermal atomic absorption spectroscopy. Open Chemistry, 2009, 7, 382-387.	1.0	4
106	QSAR study of anthranilic acid sulfonamides as methionine aminopeptidase-2 inhibitors. Monatshefte FÃ¼r Chemie, 2012, 143, 189-198.	0.9	4
107	Insights from a combination of theoretical and experimental methods for probing the biomolecular interactions between human serum albumin and clomiphene. RSC Advances, 2018, 8, 40663-40675.	1.7	4
108	A molecular dynamics study on using of naturally occurring polymers for structural stabilization of erythropoietin at high temperature. Journal of Biomolecular Structure and Dynamics, 2022, 40, 9042-9052.	2.0	4

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109	Sensitive electrochemical sensor for lamotrigine based on modified carbon paste electrode. Monatshefte FÃ¼r Chemie, 2021, 152, 903-914.	0.9	4
110	Simultaneous electrochemical investigation and detection of two glucocorticoids; interactions with human growth hormone, somatropin. Results in Chemistry, 2022, 4, 100324.	0.9	4
111	Simultaneous Determination of Tyrosine and Histidine by Differential Pulse Cathodic Stripping Voltammetry Using Hâ€point Standard Addition Method in Tap and Seawater. Electroanalysis, 2009, 21, 2499-2502.	1.5	3
112	A 2D image-based method for modeling some c-Src tyrosine kinase inhibitors. Medicinal Chemistry Research, 2013, 22, 3012-3025.	1.1	3
113	Application of general regression neural network and central composite design in fabrication and performance of magnetite (Fe3O4) modified carbon paste electrode for the electrochemical detection of Clomiphene. Microchemical Journal, 2019, 147, 1028-1037.	2.3	3
114	Computational investigation on the effects of pharmaceutical polymers on the structure and dynamics of interleukin2 in heat stress. Journal of Biomolecular Structure and Dynamics, 2020, 39, 1-11.	2.0	3
115	Interactions and effects of food additive dye Allura red on pepsin structure and protease activity; experimental and computational supports. Research in Pharmaceutical Sciences, 2021, 16, 58.	0.6	2
116	Investigating the protective effects of carbohydrate coatings on the structure and dynamic of lâ€asparaginase against heat stress; a molecular dynamic simulation. Informatics in Medicine Unlocked, 2021, 25, 100689.	1.9	2
117	A novel fluorescent turn-on probe for hydrogen peroxide based on carbon dots. Journal of Materials Science: Materials in Electronics, 2021, 32, 5615-5623.	1.1	2
118	Reduced graphene oxide supported Ti-based metalâ€“organic framework as a novel electrochemical sensor for electro-oxidation of Propranolol. Journal of Materials Science: Materials in Electronics, 2021, 32, 8396-8409.	1.1	2
119	QSAR Analysis of Some Antagonists for p38 map kinase Using Combination of Principal Component Analysis and Artificial Intelligence. Combinatorial Chemistry and High Throughput Screening, 2015, 18, 767-783.	0.6	2
120	Epirubicin-calf thymus DNA interaction: a comprehensive investigation using molecular docking, spectroscopy and fluorescent quantum dots. Cellular and Molecular Biology, 2018, 64, 1-7.	0.3	2
121	Discovery of Novel Glucagon Receptor Antagonists UsingÂCombined Pharmacophore Modeling and Docking. Iranian Journal of Pharmaceutical Research, 2018, 17, 1263-1287.	0.3	2
122	Hydrophilic Natural Polymers for Sustained-controlled Release of Calcium Hydroxide. Iranian Journal of Pharmaceutical Research, 2020, 19, 323-332.	0.3	2
123	Application of Adsorptive Stripping Voltammetry for Determination of Uranium in the Presence of 3-Hydroxy-2-Naphthoic Hydrazide. Analytical Letters, 2009, 42, 3085-3095.	1.0	1
124	Direct Determination of Arsenic in Beet Sugar Molasses Using Nickel as Chemical Modifier by Electrothermal Atomic Absorption Spectrommetry. Journal of the Chinese Chemical Society, 2013, 60, 241-244.	0.8	1
125	Application of radial basis function neural network and DFT quantum mechanical calculations for the prediction of the activity of 2-biarylethylimidazole derivatives as bombesin receptor subtype-3 (BRS-3) agonists. Medicinal Chemistry Research, 2014, 23, 3681-3693.	1.1	1
126	Computational neural network analysis of the affinity of 2-pyridyl-3,5-diaryl pyrroles analogs for the human glucagon receptor using density functional theory. Medicinal Chemistry Research, 2014, 23, 2046-2061.	1.1	1

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127	Determination of trace amounts of lead by adsorptive cathodic stripping voltammetry with L-3-(3,4-Dihydroxyphenyl)alanine. Collection of Czechoslovak Chemical Communications, 2009, 74, 599-610.	1.0	1
128	A Combined DFT and QSAR Calculations to Study Substituted Biphenyl imidazoles as Bombesin Receptor Subtype-3 Agonists. Letters in Drug Design and Discovery, 2013, 11, 665-676.	0.4	1
129	Combined Unfolded Principal Component Analysis and Artificial Neural Network for Determination of Ibuprofen in Human Serum by Three-Dimensional Excitation-Emission Matrix Fluorescence Spectroscopy. Iranian Journal of Pharmaceutical Research, 2018, 17, 864-882.	0.3	1
130	Metal ion-doped CdTe-based quantum dots: preparation, characterization and photocatalytic application. Chemical Papers, 2022, 76, 3215.	1.0	1
131	Nano-biosensors in cellular and molecular biology. Cellular and Molecular Biology, 2018, 64, 85-90.	0.3	1
132	Prediction of glucagon receptor antagonist activities of some substituted imidazoles using combined radial basis function neural network and density functional theory. Medicinal Chemistry Research, 2014, 23, 2744-2756.	1.1	0
133	Stealth cross-linked polymeric nanoparticles for passive drug targeting: a combination of molecular docking and comprehensive in vitro assay. Bulletin of Materials Science, 2020, 43, 1.	0.8	0
134	Synthesis of (Z)-3-((5-(benzylthio)-4H-1,2,4-triazol-3-yl)imino)-5-haloindolin-2-one derivatives: combined spectroscopic and computational investigations on the level and activity of matrix metalloproteinases 2 and 9 in cancer cell lines. Journal of the Iranian Chemical Society, 2021, 18, 1781-1800.	1.2	0
135	Investigation on the effects of Bactenecin on POPC membrane in atomistic details using molecular dynamics simulation. Journal of Reports in Pharmaceutical Sciences, 2019, 8, 13.	0.5	0
136	Preparation and Characterization of Magnetic Polypyrrole Composite Microspheres Decorated with Copper (II) As A Sensing Platform for Electrochemical Detection of Carbamazepine. Iranian Journal of Pharmaceutical Research, 2020, 19, 19-34.	0.3	0
137	Epirubicin-calf thymus DNA interaction: a comprehensive investigation using molecular docking, spectroscopy and fluorescent quantum dots. Cellular and Molecular Biology, 2018, 64, 1-7.	0.3	0