

Sajjad Moradi

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

1,887
citations

236612

25
h-index

344852

36
g-index

104
all docs

104
docs citations

104
times ranked

2372
citing authors

#	ARTICLE	IF	CITATIONS
1	Food insecurity and adult weight abnormality risk: a systematic review and meta-analysis. <i>European Journal of Nutrition</i> , 2019, 58, 45-61.	1.8	87
2	Easy synthesis, characterization and cell cytotoxicity of green nano carbon dots using hydrothermal carbonization of Gum Tragacanth and chitosan bio-polymers for bioimaging. <i>Journal of Molecular Liquids</i> , 2018, 259, 284-290.	2.3	85
3	A new composite of nano zero-valent iron encapsulated in carbon dots for oxidative removal of bio-refractory antibiotics from water. <i>Journal of Cleaner Production</i> , 2019, 209, 1523-1532.	4.6	70
4	Food insecurity and the risk of undernutrition complications among children and adolescents: A systematic review and meta-analysis. <i>Nutrition</i> , 2019, 62, 52-60.	1.1	58
5	Targeting SARS-COV-2 non-structural protein 16: a virtual drug repurposing study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 4633-4646.	2.0	53
6	Ultra-processed food consumption and adult obesity risk: a systematic review and dose-response meta-analysis. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 249-260.	5.4	51
7	The association between diet and mood: A systematic review of current literature. <i>Psychiatry Research</i> , 2019, 271, 428-437.	1.7	48
8	Application of carbon dots as efficient catalyst for the green oxidation of phenol: Kinetic study of the degradation and optimization using response surface methodology. <i>Journal of Hazardous Materials</i> , 2018, 353, 444-453.	6.5	45
9	Sleep and frailty risk: a systematic review and meta-analysis. <i>Sleep and Breathing</i> , 2020, 24, 1187-1197.	0.9	44
10	Effects of Spirulina supplementation on obesity: A systematic review and meta-analysis of randomized clinical trials. <i>Complementary Therapies in Medicine</i> , 2019, 47, 102211.	1.3	43
11	Polyvinyl alcohol/Gum tragacanth/graphene oxide composite nanofiber for antibiotic delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 102044.	1.4	43
12	Experimental and computational studies on the binding of diazinon to human serum albumin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 1490-1510.	2.0	42
13	Associations between exposure to heavy metals and the risk of chronic kidney disease: a systematic review and meta-analysis. <i>Critical Reviews in Toxicology</i> , 2021, 51, 1-30.	1.9	42
14	Associations between dietary inflammatory index and incidence of breast and prostate cancer: a systematic review and meta-analysis. <i>Nutrition</i> , 2018, 55-56, 168-178.	1.1	40
15	Effective suppression of the modified PHF6 peptide/1N4R Tau amyloid aggregation by intact curcumin, not its degradation products: Another evidence for the pigment as preventive/therapeutic functional food. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1009-1022.	3.6	36
16	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. <i>Journal of Molecular Liquids</i> , 2018, 262, 204-217.	2.3	35
17	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. <i>Journal of Molecular Liquids</i> , 2018, 269, 110-118.	2.3	35
18	Nano drug delivery systems: Molecular dynamic simulation. <i>Journal of Molecular Liquids</i> , 2021, 332, 115823.	2.3	35

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19	Direct evidences for the groove binding of the Clomifene to double stranded DNA. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 40-53.	3.6	32
20	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. <i>Microchemical Journal</i> , 2020, 158, 105232.	2.3	32
21	Chitosan/gelatin as a new nano-carrier system for calcium hydroxide delivery in endodontic applications: Development, characterization and process optimization. <i>Materials Science and Engineering C</i> , 2018, 92, 540-546.	3.8	31
22	A Comprehensive Physicochemical, In Vitro and Molecular Characterization of Letrozole Incorporated Chitosan-Lipid Nanocomplex. <i>Pharmaceutical Research</i> , 2019, 36, 62.	1.7	30
23	Enhanced heterogeneous Fenton oxidation of organic pollutant via Fe-containing mesoporous silica composites: A review. <i>Journal of Molecular Liquids</i> , 2021, 321, 114896.	2.3	30
24	Association of circulating C-reactive protein and high-sensitivity C-reactive protein with components of sarcopenia: A systematic review and meta-analysis of observational studies. <i>Experimental Gerontology</i> , 2021, 150, 111330.	1.2	30
25	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. <i>Computers in Biology and Medicine</i> , 2021, 135, 104613.	3.9	29
26	Comparative molecular dynamic simulation study on the use of chitosan for temperature stabilization of interferon β . <i>Carbohydrate Polymers</i> , 2019, 203, 52-59.	5.1	27
27	Effect of probiotics and synbiotics on selected anthropometric and biochemical measures in women with polycystic ovary syndrome: a systematic review and meta-analysis. <i>European Journal of Clinical Nutrition</i> , 2020, 74, 543-547.	1.3	27
28	Investigation on human serum albumin and Gum Tragacanth interactions using experimental and computational methods. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 2525-2533.	3.6	25
29	Effects of genistein on blood pressure: A systematic review and meta-analysis. <i>Food Research International</i> , 2020, 128, 108764.	2.9	25
30	An innovative green sensing strategy based on Cu-doped Tragacanth/Chitosan nano carbon dots for Isoniazid detection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117848.	2.0	25
31	Effect of green tea extract on lipid profile in patients with type 2 diabetes mellitus: A systematic review and meta-analysis. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2020, 14, 293-301.	1.8	25
32	Antifungal activity of hydrocolloid nano encapsulated Carum copticum essential oil and Peganum harmala extract on the pathogenic fungi <i>Alternaria alternata</i> . <i>Physiological and Molecular Plant Pathology</i> , 2021, 116, 101714.	1.3	25
33	Sustained release nanofibrous composite patch for transdermal antibiotic delivery. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 586, 124267.	2.3	24
34	Effects of cinnamon on controlling metabolic parameters of polycystic ovary syndrome: A systematic review and meta-analysis. <i>Journal of Ethnopharmacology</i> , 2020, 254, 112741.	2.0	23
35	The effects of garlic supplementation on oxidative stress markers: A systematic review and meta-analysis of randomized controlled trials. <i>Complementary Therapies in Medicine</i> , 2020, 50, 102385.	1.3	23
36	Effects of chromium supplementation on lipid profile in patients with type 2 diabetes: A systematic review and dose-response meta-analysis of randomized controlled trials. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 66, 126741.	1.5	23

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37	Rapid detection of diazinon as an organophosphorus poison in real samples using fluorescence carbon dots. <i>Inorganic Chemistry Communication</i> , 2021, 130, 108676.	1.8	22
38	Effects of chromium supplementation on blood pressure, body mass index, liver function enzymes and malondialdehyde in patients with type 2 diabetes: A systematic review and dose-response meta-analysis of randomized controlled trials. <i>Complementary Therapies in Medicine</i> , 2021, 60, 102755.	1.3	22
39	Exploring the binding mechanism of paraquat to DNA by a combination of spectroscopic, cellular uptake, molecular docking and molecular dynamics simulation methods. <i>New Journal of Chemistry</i> , 2017, 41, 14188-14198.	1.4	21
40	Chitosan-coated magnetic solid lipid nanoparticles for controlled release of letrozole. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101621.	1.4	20
41	The effect of L-arginine supplementation on lipid profile: a systematic review and meta-analysis of randomised controlled trials. <i>British Journal of Nutrition</i> , 2019, 122, 1021-1032.	1.2	16
42	Atomistic details on the mechanism of organophosphates resistance in insects: Insights from homology modeling, docking and molecular dynamic simulation. <i>Journal of Molecular Liquids</i> , 2019, 276, 59-66.	2.3	15
43	Two-dimensional nanostructure colloids in novel nano drug delivery systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 585, 124077.	2.3	15
44	Simultaneously implement of both weak magnetic field and aeration for ciprofloxacin removal by Fenton-like reaction. <i>Journal of Environmental Management</i> , 2019, 246, 776-784.	3.8	14
45	Dipyridamole inhibits α -amylase/ β -glucosidase at sub-micromolar concentrations; in-vitro, in-vivo and theoretical studies. <i>Bioorganic Chemistry</i> , 2019, 88, 102972.	2.0	14
46	Pyridine-2,3-dicarboxylate, quinolinic acid, induces 1N4R Tau amyloid aggregation in vitro: Another evidence for the detrimental effect of the inescapable endogenous neurotoxin. <i>Chemico-Biological Interactions</i> , 2020, 315, 108884.	1.7	14
47	An experimental and computational study to evaluation of chitosan/gum tragacanth coated-natural lipid-based nanocarriers for sunitinib delivery. <i>Journal of Molecular Liquids</i> , 2021, 334, 116075.	2.3	14
48	Development of Ag nanoparticle-carbon quantum dot nanocomplex as fluorescence sensor for determination of gemcitabine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 262, 120148.	2.0	14
49	Nano-biosensors in cellular and molecular biology. <i>Cellular and Molecular Biology</i> , 2018, 64, 85-90.	0.3	14
50	Multi spectroscopy and molecular modeling aspects related to drug interaction of aspirin and warfarin with pepsin; structural change and protease activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117813.	2.0	13
51	Fenton-like removal of tetracycline from aqueous solution using iron-containing carbon dot nanocatalysts. <i>New Journal of Chemistry</i> , 2020, 44, 17735-17743.	1.4	12
52	Evaluation of the effects of isoniazid and rifampin on the structure and activity of pepsin enzyme by multi spectroscopy and molecular modeling methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 253, 119523.	2.0	12
53	Elucidating the interaction of letrozole with human serum albumin by combination of spectroscopic and molecular modeling techniques. <i>Research in Pharmaceutical Sciences</i> , 2018, 13, 304.	0.6	11
54	Seprantrium 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. <i>Neurochemical Research</i> , 2019, 44, 2482-2498.	1.6	10

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55	A comparison of the effect of supplementation and sunlight exposure on serum vitamin D and parathyroid hormone: A systematic review and meta-analysis. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 1881-1889.	5.4	10
56	Effectiveness of naltrexone treatment for alcohol use disorders in HIV: a systematic review. <i>Substance Abuse Treatment, Prevention, and Policy</i> , 2020, 15, 24.	1.0	10
57	Neck circumference and blood pressure among children: a systematic review and meta-analysis. <i>Journal of the American Society of Hypertension</i> , 2018, 12, 822-832.	2.3	9
58	Effects of <i>Cynara scolymus</i> L. on glycemic indices: A systematic review and meta-analysis of randomized clinical trials. <i>Complementary Therapies in Medicine</i> , 2020, 52, 102496.	1.3	9
59	The effects of spirulina (<i>Arthrospira platensis</i>) supplementation on anthropometric indices, blood pressure, sleep quality, mental health, fatigue status and quality of life in patients with ulcerative colitis: A randomised, double-blind, placebo-controlled trial. <i>International Journal of Clinical Practice</i> , 2021, 75, e14472.	0.8	9
60	In silico evaluation of COVID-19 main protease interactions with honeybee natural products for discovery of high potential antiviral compounds. <i>Natural Product Research</i> , 2022, 36, 4254-4260.	1.0	9
61	A study on the protease activity and structure of pepsin in the presence of atenolol and diltiazem. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 2855-2868.	3.6	8
62	A novel amino cellulose derivative using ATRP method: Preparation, characterization, and investigation of its antibacterial activity. <i>Bioorganic Chemistry</i> , 2021, 106, 104355.	2.0	8
63	Effects of artichoke on blood pressure: A systematic review and meta-analysis. <i>Complementary Therapies in Medicine</i> , 2021, 57, 102668.	1.3	8
64	Expression of Hypoxia-Inducible Factor 1 α in Varicocele Disease: a Comprehensive Systematic Review. <i>Reproductive Sciences</i> , 2022, 29, 2731-2743.	1.1	8
65	TSGA10 overexpression inhibits angiogenesis of HUVECs: A HIF-2 α biased perspective. <i>Microvascular Research</i> , 2020, 128, 103952.	1.1	7
66	Ultrasonic Enhanced Zero-Valent Iron-Based Fenton Reaction for Ciprofloxacin Removal under Aerobic Condition. <i>Environmental Processes</i> , 2020, 7, 227-241.	1.7	7
67	Effect of pomegranate juice on vascular adhesion factors: A systematic review and meta-analysis. <i>Phytomedicine</i> , 2021, 80, 153359.	2.3	7
68	Detection/quantification of amyloid aggregation in solution using the novel fluorescent benzofuranone-derivative compounds as amyloid fluorescent probes: synthesis and in vitro characterization. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1225-1237.	1.2	6
69	Effect of green cardamom on lipoproteins, glycemic control and anthropometric parameters: A meta-analysis of randomized clinical trials. <i>Clinical Nutrition ESPEN</i> , 2020, 37, 24-33.	0.5	6
70	Effect of Microalgae <i>Arthrospira</i> on Biomarkers of Glycemic Control and Glucose Metabolism: A Systematic Review and Meta-analysis. <i>Current Problems in Cardiology</i> , 2022, 47, 100942.	1.1	6
71	The effects of <i>Cynara scolymus</i> L. supplementation on liver enzymes: A systematic review and meta-analysis. <i>International Journal of Clinical Practice</i> , 2021, 75, e14726.	0.8	6
72	Exploring the interaction between ß-site-markers, aspirin and esterase-like activity ternary systems on the human serum albumin: direct evidence for modulation of catalytic activity of the protein in different inhibition modes. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 555-573.	1.2	6

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73	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. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 235, 118298.	2.0	5
74	Cholesterol-lowering drugs the simvastatin and atorvastatin change the protease activity of pepsin: An experimental and computational study. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 1414-1423.	3.6	5
75	Association between neck circumference and lipid profile: a systematic review and meta-analysis of observational studies. <i>European Journal of Cardiovascular Nursing</i> , 2021, 20, 588-603.	0.4	5
76	Effect of Beetroot Consumption on Serum Lipid Profile: A Systematic Review and Meta-Analysis. <i>Current Problems in Cardiology</i> , 2021, , 100887.	1.1	5
77	Effects of almond on cardiometabolic outcomes in patients with type 2 diabetes: A systematic review and meta-analysis of randomized controlled trials. <i>Phytotherapy Research</i> , 2022, 36, 1839-1853.	2.8	5
78	Inhibition of SARS-CoV-2 pathogenesis by potent peptides designed by the mutation of ACE2 binding region. <i>Computers in Biology and Medicine</i> , 2022, 146, 105625.	3.9	5
79	Screening of honey bee pollen constituents against COVID-19: an emerging hot spot in targeting SARS-CoV-2-ACE-2 interaction. <i>Natural Product Research</i> , 2023, 37, 974-980.	1.0	5
80	Insights from a combination of theoretical and experimental methods for probing the biomolecular interactions between human serum albumin and clomiphene. <i>RSC Advances</i> , 2018, 8, 40663-40675.	1.7	4
81	Potential of favorable effects of probiotics fermented milk supplementation on blood pressure: a systematic review and meta-analysis. <i>International Journal of Food Properties</i> , 2020, 23, 1925-1940.	1.3	4
82	The effects of supplementation with <i>Cynara scolymus</i> L. on anthropometric indices: A systematic review and dose-response meta-analysis of clinical trials. <i>Complementary Therapies in Medicine</i> , 2021, 56, 102612.	1.3	4
83	Short- and long-term effects of capsaicin supplementation on glycemic control: a systematic review and meta-analysis of controlled trials. <i>Food and Function</i> , 2021, 12, 5236-5246.	2.1	4
84	Effect of <i>Chlorella vulgaris</i> on Liver Function Biomarkers: a Systematic Review and Meta-Analysis. <i>Clinical Nutrition Research</i> , 2021, 10, 83.	0.5	4
85	Comparison of the effect of soya protein and whey protein on body composition: a meta-analysis of randomised clinical trials. <i>British Journal of Nutrition</i> , 2022, 127, 885-895.	1.2	4
86	A molecular dynamics study on using of naturally occurring polymers for structural stabilization of erythropoietin at high temperature. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 9042-9052.	2.0	4
87	The association between carotenoid intake, mental health, and sleep quality among university students. <i>Sleep and Breathing</i> , 2021, , 1.	0.9	4
88	Sensitive electrochemical sensor for lamotrigine based on modified carbon paste electrode. <i>Monatshefte für Chemie</i> , 2021, 152, 903-914.	0.9	4
89	Variants in the PPAR γ 1A Gene may Influence the Effect of Fat Intake on Resting Metabolic Rate in Obese Women. <i>Lipids</i> , 2018, 53, 291-300.	0.7	3
90	Computational investigation on the effects of pharmaceutical polymers on the structure and dynamics of interleukin2 in heat stress. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 39, 1-11.	2.0	3

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91	Solid Lipid Nanoparticles Enhance Protective Effect of Rutin against STZ-Induced Neurotoxicity in PC12 Cells through Autophagy Suppression. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-13.	1.5	3
92	Interactions and effects of food additive dye Allura red on pepsin structure and protease activity; experimental and computational supports. <i>Research in Pharmaceutical Sciences</i> , 2021, 16, 58.	0.6	2
93	Investigating the protective effects of carbohydrate coatings on the structure and dynamic of L-asparaginase against heat stress; a molecular dynamic simulation. <i>Informatics in Medicine Unlocked</i> , 2021, 25, 100689.	1.9	2
94	Epirubicin-calf thymus DNA interaction: a comprehensive investigation using molecular docking, spectroscopy and fluorescent quantum dots. <i>Cellular and Molecular Biology</i> , 2018, 64, 1-7.	0.3	2
95	Hydrophilic Natural Polymers for Sustained-controlled Release of Calcium Hydroxide. <i>Iranian Journal of Pharmaceutical Research</i> , 2020, 19, 323-332.	0.3	2
96	Computational Discovery of SARS-CoV-2 NSP 16 Drug Candidates Based on Pharmacophore Modeling and Molecular Dynamics Simulation. <i>Journal of Computational Biophysics and Chemistry</i> , 2021, 20, 377-390.	1.0	1
97	Metal ion-doped CdTe-based quantum dots: preparation, characterization and photocatalytic application. <i>Chemical Papers</i> , 2022, 76, 3215.	1.0	1
98	Nano-biosensors in cellular and molecular biology. <i>Cellular and Molecular Biology</i> , 2018, 64, 85-90.	0.3	1
99	Effects of Collagen Peptide Supplementation on Cardiovascular Markers: A Systematic Review and Meta-analysis of Randomized, Placebo-Controlled Trials. <i>British Journal of Nutrition</i> , 0, , 1-43.	1.2	1
100	The Potential Effect of Blueberry on Cognitive Health and Mood State Based on Human Intervention Studies: Systematic review & Mini Meta-analysis. <i>CNS and Neurological Disorders - Drug Targets</i> , 2022, 21, .	0.8	1
101	Stealth cross-linked polymeric nanoparticles for passive drug targeting: a combination of molecular docking and comprehensive in vitro assay. <i>Bulletin of Materials Science</i> , 2020, 43, 1.	0.8	0
102	Epirubicin-calf thymus DNA interaction: a comprehensive investigation using molecular docking, spectroscopy and fluorescent quantum dots. <i>Cellular and Molecular Biology</i> , 2018, 64, 1-7.	0.3	0