Morteza Eskandani

List of Publications by Year
in descending order

81	2,945	109264 35	189801 50
papers	citations	h-index	g-index

81	81	81	3917
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polysaccharide-based hydrogels: properties, advantages, challenges, and optimization methods for applications in regenerative medicine. International Journal of Polymeric Materials and Polymeric Biomaterials, 2022, 71, 1319-1333.	1.8	26
2	Electroactive nanofibrous scaffold based on polythiophene for bone tissue engineering application. Journal of Materials Research, 2022, 37, 796-806.	1.2	7
3	Folate-conjugated thermal- and pH-responsive magnetic hydrogel as a drug delivery nano-system for â€œsmartâ€•chemo/hyperthermia therapy of solid tumors. Materials Today Communications, 2022, 30, 103148.	0.9	21
4	Protective effect of l-carnitine-loaded solid lipid nanoparticles against H2O2-induced genotoxicity and apoptosis. Colloids and Surfaces B: Biointerfaces, 2022, 212, 112365.	2.5	14
5	A novel stimuli-responsive magnetic hydrogel based on nature-inspired tragacanth gum for chemo/hyperthermia treatment of cancerous cells. Journal of Polymer Research, 2022, 29, 1.	1.2	14
6	Perspectives and trends in advanced DNA biosensors for the recognition of single nucleotide polymorphisms. Chemical Engineering Journal, 2022, 441, 135988.	6.6	10
7	Determination of phenolics composition, antioxidant activity, and therapeutic potential of Golden marguerite (Cota tinctoria). Journal of Food Measurement and Characterization, 2021, 15, 3314-3322.	1.6	2
8	Sclareol Inhibits Hypoxia-Inducible Factor-1Î± Accumulation and Induces Apoptosis in Hypoxic Cancer Cells. Advanced Pharmaceutical Bulletin, 2021, , .	0.6	0
9	Doxorubicin and doxorubicin-loaded nanoliposome induce senescence by enhancing oxidative stress, hepatotoxicity, and in vivo genotoxicity in male Wistar rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 2021, 394, 1803-1813.	1.4	9
10	Acriflavine-loaded solid lipid nanoparticles: preparation, physicochemical characterization, and anti-proliferative properties. Pharmaceutical Development and Technology, 2021, 26, 934-942.	1.1	12
11	Preparation, physicochemical characterization, and anti-proliferative properties of Lawsone-loaded solid lipid nanoparticles. Chemistry and Physics of Lipids, 2021, 239, 105123.	1.5	17
12	Recent advances in aptamer-based nanosystems and microfluidics devices for the detection of ovarian cancer biomarkers. TrAC - Trends in Analytical Chemistry, 2021, 143, 116343.	5.8	23
13	Recent progress in the development of aptasensors for cancer diagnosis: Focusing on aptamers against cancer biomarkers. Microchemical Journal, 2021, 170, 106640.	2.3	13
14	Recent advances in Î³H2AX biomarker-based genotoxicity assays: A marker of DNA damage and repair. DNA Repair, 2021, 108, 103243.	1.3	47
15	Antisense LNA-loaded nanoparticles of star-shaped glucose-core PCL-PEG copolymer for enhanced inhibition of oncomiR-214 and nucleolin-mediated therapy of cisplatin-resistant ovarian cancer cells. International Journal of Pharmaceutics, 2020, 573, 118729.	2.6	40
16	Essential oils of hedgenettles (Stachys inflata, S. lavandulifolia, and S. byzantina) have antioxidant, anti-Alzheimer, antidiabetic, and anti-obesity potential: A comparative study. Industrial Crops and Products, 2020, 145, 112089.	2.5	21
17	Natural polypeptides-based electrically conductive biomaterials for tissue engineering. International Journal of Biological Macromolecules, 2020, 147, 706-733.	3.6	28
18	Aptamer-conjugated mesoporous silica nanoparticles for simultaneous imaging and therapy of cancer. TrAC - Trends in Analytical Chemistry, 2020, 123, 115759.	5.8	41

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19	The health benefits of three Hedgenettle herbal teas (Stachys byzantina, Stachys inflata, and Stachys) Tj ETQq1 1 0.784314 rgBT /Overlo Medicine, 2020, 36, 101134.	0.8	30
20	Enhanced thrombolysis using tissue plasminogen activator (tPA)-loaded PEGylated PLGA nanoparticles for ischemic stroke. Journal of Drug Delivery Science and Technology, 2019, 53, 101165.	1.4	27
21	Cadmium(II) complexes of a hydrazone ligand: Synthesis, characterization, DNA binding, cyto- and genotoxicity studies. Polyhedron, 2019, 171, 237-248.	1.0	23
22	Electrically conductive biomaterials based on natural polysaccharides: Challenges and applications in tissue engineering. International Journal of Biological Macromolecules, 2019, 141, 636-662.	3.6	63
23	Cadmium-free quantum dot-based theranostics. TrAC - Trends in Analytical Chemistry, 2019, 118, 386-400.	5.8	37
24	Triterpenoid corosolic acid attenuates HIF-1 stabilization upon cobalt (II) chloride-induced hypoxia in A549 human lung epithelial cancer cells. FÃ¬toterapÃ¬Ã¢, 2019, 134, 493-500.	1.1	16
25	Electrically conductive adhesive based on novolac-grafted polyaniline: synthesis and characterization. Journal of Materials Science: Materials in Electronics, 2019, 30, 2821-2828.	1.1	8
26	Functional expression and impact of testis-specific gene antigen 10 in breast cancer: a combined in vitro and in silico analysis. BioImpacts, 2019, 9, 145-159.	0.7	10
27	Aptamedicine: a new treatment modality in personalized cancer therapy. BioImpacts, 2019, 9, 66-69.	0.7	7
28	Recent advances in aptamer-armed multimodal theranostic nanosystems for imaging and targeted therapy of cancer. European Journal of Pharmaceutical Sciences, 2018, 117, 301-312.	1.9	47
29	PEGylated graphene oxide/Fe3O4 nanocomposite: Synthesis, characterization, and evaluation of its performance as de novo drug delivery nanosystem. Bio-Medical Materials and Engineering, 2018, 29, 177-190.	0.4	30
30	Marrubiin-loaded solid lipid nanoparticlesâ€™ impact on TNF-Î± treated umbilical vein endothelial cells: A study for cardioprotective effect. Colloids and Surfaces B: Biointerfaces, 2018, 164, 299-307.	2.5	25
31	Preparation, characterization and anti-proliferative effects of sclareol-loaded solid lipid nanoparticles on A549 human lung epithelial cancer cells. Journal of Drug Delivery Science and Technology, 2018, 45, 272-280.	1.4	55
32	Recent advances in targeted delivery of tissue plasminogen activator for enhanced thrombolysis in ischaemic stroke. Journal of Drug Targeting, 2018, 26, 95-109.	2.1	35
33	Doxorubicin-conjugated D-glucosamine- and folate- bi-functionalised InP/ZnS quantum dots for cancer cells imaging and therapy. Journal of Drug Targeting, 2018, 26, 267-277.	2.1	51
34	Spectrophotometric analysis of thrombolytic activity: SATA assay. BioImpacts, 2018, 8, 31-38.	0.7	8
35	AS1411 aptamer-decorated cisplatin-loaded poly(lactic-co-glycolic acid) nanoparticles for targeted therapy of miR-21-inhibited ovarian cancer cells. Nanomedicine, 2018, 13, 2729-2758.	1.7	89
36	Combating atherosclerosis with targeted nanomedicines: recent advances and future prospective. BioImpacts, 2018, 8, 59-75.	0.7	52

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37	Novel dental nanocomposites: fabrication and investigation of their physicochemical, mechanical and biological properties. Bulletin of Materials Science, 2018, 41, 1.	0.8	2
38	Anti-proliferative activity-guided isolation of clerodermic acid from Salvia nemorosa L.: Geno/cytotoxicity and hypoxia-mediated mechanism of action. Food and Chemical Toxicology, 2018, 120, 155-163.	1.8	22
39	Bispecific therapeutic aptamers for targeted therapy of cancer: a review on cellular perspective. Journal of Molecular Medicine, 2018, 96, 885-902.	1.7	41
40	Chitosan-grafted-poly(methacrylic acid)/graphene oxide nanocomposite as a pH-responsive de novo cancer chemotherapy nanosystem. International Journal of Biological Macromolecules, 2018, 118, 1871-1879.	3.6	70
41	Propyl gallate (PG) and tert-butylhydroquinone (TBHQ) may alter the potentialÂanti-cancer behavior of probiotics. Food Bioscience, 2018, 24, 37-45.	2.0	22
42	Inhibitory Effects of Flavonolignans from Silybum marianum (L.) Gaertn (Milk Thistle) on Function of Aldehyde Oxidase and Xanthine Oxidase in Rats. Letters in Drug Design and Discovery, 2018, 15, .	0.4	7
43	Cell physiology regulation by hypoxia inducible factor-1: Targeting oxygen-related nanomachineries of hypoxic cells. International Journal of Biological Macromolecules, 2017, 99, 46-62.	3.6	30
44	Electrochemical sensing of doxorubicin in unprocessed whole blood, cell lysate, and human plasma samples using thin film of poly-arginine modified glassy carbon electrode. Materials Science and Engineering C, 2017, 77, 790-802.	3.8	52
45	Recent trends in targeted therapy of cancer using graphene oxide-modified multifunctional nanomedicines. Journal of Drug Targeting, 2017, 25, 202-215.	2.1	54
46	Molecular machineries of pH dysregulation in tumor microenvironment: potential targets for cancer therapy. BioImpacts, 2017, 7, 115-133.	0.7	93
47	Formulation and Physicochemical Characterization of Lycopene-Loaded Solid Lipid Nanoparticles. Advanced Pharmaceutical Bulletin, 2016, 6, 235-241.	0.6	60
48	Reduced graphene oxide decorated with gold nanoparticle as signal amplification element on ultra-sensitive electrochemiluminescence determination of caspase-3 activity and apoptosis using peptide based biosensor. BioImpacts, 2016, 6, 135-147.	0.7	50
49	Novel Natural Agents from Lamiaceae Family: An Evaluation on Toxicity and Enzyme Inhibitory Potential Linked to Diabetes Mellitus. Current Bioactive Compounds, 2016, 12, 34-38.	0.2	15
50	Development of novel electrically conductive scaffold based on hyperbranched polyester and polythiophene for tissue engineering applications. Journal of Biomedical Materials Research - Part A, 2016, 104, 2673-2684.	2.1	40
51	Novel Strategy for Anhydride-Functionalization of Poly(Vinyl Chloride): Synthesis and Characterization. Polymer-Plastics Technology and Engineering, 2016, 55, 1357-1364.	1.9	3
52	Surface functionalization of graphene oxide with poly(2-hydroxyethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (methacrylate)-graft A: Materials Science and Processing, 2016, 122, 1.	1.1	42
53	Cyto/Genotoxic Effects of Pistacia atlantica Resin, a Traditional Gum. DNA and Cell Biology, 2016, 35, 261-266.	0.9	9
54	Preparation of Poly Acrylic Acid-Poly Acrylamide Composite Nanogels by Radiation Technique. Advanced Pharmaceutical Bulletin, 2015, 5, 269-275.	0.6	20

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55	Abietane diterpenoid of Salvia sahendica Boiss and Buhse potently inhibits MCF-7 breast carcinoma cells by suppression of the PI3K/AKT pathway. RSC Advances, 2015, 5, 18041-18050.	1.7	21
56	A reliable self-assembled peptide based electrochemical biosensor for detection of caspase 3 activity and apoptosis. RSC Advances, 2015, 5, 58316-58326.	1.7	41
57	Formulation, characterization, and geno/cytotoxicity studies of galbanic acid-loaded solid lipid nanoparticles. Pharmaceutical Biology, 2015, 53, 1525-1538.	1.3	46
58	Galbanic acid inhibits HIF-1Î± expression via EGFR/HIF-1Î± pathway in cancer cells. FÃ¬toterapÃ¬Ã¢, 2015, 101, 1-11	1.1	48
59	Geno/cytotoxicty and Apoptotic Properties of Phenolic Compounds from the Seeds of Dorema Glabrum Fisch. C.A. BioImpacts, 2014, 4, 191-198.	0.7	20
60	Development of dual responsive nanocomposite for simultaneous delivery of anticancer drugs. Journal of Drug Targeting, 2014, 22, 327-342.	2.1	51
61	Formulation, characterization and cytotoxicity studies of alendronate sodium-loaded solid lipid nanoparticles. Colloids and Surfaces B: Biointerfaces, 2014, 117, 21-28.	2.5	82
62	Cytotoxicity and DNA damage properties of tert-butylhydroquinone (TBHQ) food additive. Food Chemistry, 2014, 153, 315-320.	4.2	118
63	Interaction, Controlled Release, and Antitumor Activity of Doxorubicin Hydrochloride From pH-Sensitive P(NIPAAm-MAA-VP) Nanofibrous Scaffolds Prepared by Green Electrospinning. International Journal of Polymeric Materials and Polymeric Biomaterials, 2014, 63, 609-619.	1.8	53
64	Geno- and cytotoxicity of propyl gallate food additive. Drug and Chemical Toxicology, 2014, 37, 241-246.	1.2	53
65	The potential of transgenic green microalgae; a robust photobioreactor to produce recombinant therapeutic proteins. World Journal of Microbiology and Biotechnology, 2014, 30, 2783-2796.	1.7	15
66	Dendrimer-encapsulated and cored metal nanoparticles for electrochemical nanobiosensing. TrAC - Trends in Analytical Chemistry, 2014, 53, 137-149.	5.8	68
67	Self-reporter shikonin-Act-loaded solid lipid nanoparticle: Formulation, physicochemical characterization and geno/cytotoxicity evaluation. European Journal of Pharmaceutical Sciences, 2014, 59, 49-57.	1.9	47
68	Mesoporous silica materials for use in electrochemical immunosensing. TrAC - Trends in Analytical Chemistry, 2013, 45, 93-106.	5.8	69
69	Cyto/Genotoxicity Study of Polyoxyethylene (20) Sorbitan Monolaurate (Tween 20). DNA and Cell Biology, 2013, 32, 498-503.	0.9	59
70	Electrochemical nano-immunosensing of effective cardiac biomarkers for acute myocardial infarction. TrAC - Trends in Analytical Chemistry, 2013, 49, 20-30.	5.8	60
71	Stimuli-responsive nanofibers prepared from poly(N-isopropylacrylamide-acrylamide-vinylpyrrolidone) by electrospinning as an anticancer drug delivery. Designed Monomers and Polymers, 2013, 16, 515-527.	0.7	66
72	Cytotoxicity and DNA Fragmentation Properties of Butylated Hydroxyanisole. DNA and Cell Biology, 2013, 32, 98-103.	0.9	80

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73	Mesoporous silica-based materials for use in electrochemical enzyme nanobiosensors. TrAC - Trends in Analytical Chemistry, 2012, 40, 106-118.	5.8	70
74	Room-temperature ionic liquid-based electrochemical nanobiosensors. TrAC - Trends in Analytical Chemistry, 2012, 41, 58-74.	5.8	43
75	Mesoporous silica-based materials for use in biosensors. TrAC - Trends in Analytical Chemistry, 2012, 33, 117-129.	5.8	127
76	The Construction of Chimeric T-Cell Receptor with Spacer Base of Modeling Study of VHH and MUC1 Interaction. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-11.	3.0	6
77	Survivin-deltaEx3: A novel biomarker for diagnosis of papillary thyroid carcinoma. Journal of Cancer Research and Therapeutics, 2011, 7, 325.	0.3	33
78	Comet assay: a method to evaluate genotoxicity of nano-drug delivery system. BioImpacts, 2011, 1, 87-97.	0.7	30
79	Free Radical Scavenging Potential and Essential Oil Composition of the Dorema glabrum Fisch. C.A. Mey Roots from Iran. BioImpacts, 2011, 1, 241-4.	0.7	16
80	Oxidative stress level and tyrosinase activity in vitiligo patients. Indian Journal of Dermatology, 2010, 55, 15.	0.1	28
81	Assessment of MC1R and Î±-MSH gene sequences in Iranian vitiligo patients. Indian Journal of Dermatology, 2010, 55, 325.	0.1	5