

Ali Zarrabi

List of Publications by Year in descending order

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Version: 2024-02-01

211
papers

9,355
citations

28190

55
h-index

66788

78
g-index

217
all docs

217
docs citations

217
times ranked

7534
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective cytotoxicity of green synthesized silver nanoparticles against the MCF-7 tumor cell line and their enhanced antioxidant and antimicrobial properties. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 8013-8024.	3.3	344
2	Iron oxide nanoparticles may damage to the neural tissue through iron accumulation, oxidative stress, and protein aggregation. <i>BMC Neuroscience</i> , 2017, 18, 51.	0.8	201
3	Emerging role of exosomes in cancer progression and tumor microenvironment remodeling. <i>Journal of Hematology and Oncology</i> , 2022, 15, .	6.9	182
4	Regulation of Nuclear Factor-KappaB (NF- κ B) signaling pathway by non-coding RNAs in cancer: Inhibiting or promoting carcinogenesis?. <i>Cancer Letters</i> , 2021, 509, 63-80.	3.2	166
5	Curcumin Delivery Mediated by Bio-Based Nanoparticles: A Review. <i>Molecules</i> , 2020, 25, 689.	1.7	164
6	Association of the Epithelial-Mesenchymal Transition (EMT) with Cisplatin Resistance. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4002.	1.8	160
7	In vivo gene delivery mediated by non-viral vectors for cancer therapy. <i>Journal of Controlled Release</i> , 2020, 325, 249-275.	4.8	156
8	Wound healing properties of PVA/starch/chitosan hydrogel membranes with nano Zinc oxide as antibacterial wound dressing material. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017, 28, 2220-2241.	1.9	153
9	Self-assembled peptide and protein nanostructures for anti-cancer therapy: Targeted delivery, stimuli-responsive devices and immunotherapy. <i>Nano Today</i> , 2021, 38, 101119.	6.2	135
10	An adhesive and injectable nanocomposite hydrogel of thiolated gelatin/gelatin methacrylate/Laponite [®] as a potential surgical sealant. <i>Journal of Colloid and Interface Science</i> , 2020, 564, 155-169.	5.0	122
11	Long non-coding RNAs in the doxorubicin resistance of cancer cells. <i>Cancer Letters</i> , 2021, 508, 104-114.	3.2	118
12	Functionalization of polymers and nanomaterials for water treatment, food packaging, textile and biomedical applications: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 583-611.	8.3	112
13	New insight towards development of paclitaxel and docetaxel resistance in cancer cells: EMT as a novel molecular mechanism and therapeutic possibilities. <i>Biomedicine and Pharmacotherapy</i> , 2021, 141, 111824.	2.5	106
14	Biomedical application of chitosan-based nanoscale delivery systems: Potential usefulness in siRNA delivery for cancer therapy. <i>Carbohydrate Polymers</i> , 2021, 260, 117809.	5.1	103
15	Flavonoids against the SARS-CoV-2 induced inflammatory storm. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111430.	2.5	102
16	Drug Delivery (Nano)Platforms for Oral and Dental Applications: Tissue Regeneration, Infection Control, and Cancer Management. <i>Advanced Science</i> , 2021, 8, 2004014.	5.6	100
17	Hyaluronic acid-based nanoplatforms for Doxorubicin: A review of stimuli-responsive carriers, co-delivery and resistance suppression. <i>Carbohydrate Polymers</i> , 2021, 272, 118491.	5.1	100
18	NMR (1H, ROESY) spectroscopic and molecular modelling investigations of supramolecular complex of β -cyclodextrin and curcumin. <i>Food Chemistry</i> , 2014, 165, 241-246.	4.2	96

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19	AMPK signaling in diabetes mellitus, insulin resistance and diabetic complications: A pre-clinical and clinical investigation. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112563.	2.5	95
20	Curcumin and its derivatives in cancer therapy: Potentiating antitumor activity of cisplatin and reducing side effects. <i>Phytotherapy Research</i> , 2022, 36, 189-213.	2.8	94
21	Curcumin in cancer therapy: A novel adjunct for combination chemotherapy with paclitaxel and alleviation of its adverse effects. <i>Life Sciences</i> , 2020, 256, 117984.	2.0	92
22	Caffeic acid and its derivatives as potential modulators of oncogenic molecular pathways: New hope in the fight against cancer. <i>Pharmacological Research</i> , 2021, 171, 105759.	3.1	90
23	Role of microRNA/Epithelial-to-Mesenchymal Transition Axis in the Metastasis of Bladder Cancer. <i>Biomolecules</i> , 2020, 10, 1159.	1.8	89
24	Naringenin Nano-Delivery Systems and Their Therapeutic Applications. <i>Pharmaceutics</i> , 2021, 13, 291.	2.0	89
25	The long and short non-coding RNAs modulating EZH2 signaling in cancer. <i>Journal of Hematology and Oncology</i> , 2022, 15, 18.	6.9	89
26	Advances in understanding the role of P-gp in doxorubicin resistance: Molecular pathways, therapeutic strategies, and prospects. <i>Drug Discovery Today</i> , 2022, 27, 436-455.	3.2	87
27	Chitosan-based advanced materials for docetaxel and paclitaxel delivery: Recent advances and future directions in cancer theranostics. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 282-300.	3.6	85
28	Versatile role of curcumin and its derivatives in lung cancer therapy. <i>Journal of Cellular Physiology</i> , 2020, 235, 9241-9268.	2.0	85
29	A concise review on smart polymers for controlled drug release. <i>Drug Delivery and Translational Research</i> , 2016, 6, 333-340.	3.0	84
30	Nrf2 signaling pathway in cisplatin chemotherapy: Potential involvement in organ protection and chemoresistance. <i>Pharmacological Research</i> , 2021, 167, 105575.	3.1	84
31	Niosomal Drug Delivery Systems for Ocular Disease—Recent Advances and Future Prospects. <i>Nanomaterials</i> , 2020, 10, 1191.	1.9	82
32	Lung cancer cells and their sensitivity/resistance to cisplatin chemotherapy: Role of microRNAs and upstream mediators. <i>Cellular Signalling</i> , 2021, 78, 109871.	1.7	82
33	Multifunctional Polymeric Nanoplatfoms for Brain Diseases Diagnosis, Therapy and Theranostics. <i>Biomedicines</i> , 2020, 8, 13.	1.4	81
34	Lycopene: Food Sources, Biological Activities, and Human Health Benefits. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-10.	1.9	81
35	Exploring the interaction of naringenin with bovine beta-casein nanoparticles using spectroscopy. <i>Food Hydrocolloids</i> , 2015, 51, 1-6.	5.6	78
36	Mesoporous Bioactive Glasses in Cancer Diagnosis and Therapy: Stimuli-Responsive, Toxicity, Immunogenicity, and Clinical Translation. <i>Advanced Science</i> , 2022, 9, e2102678.	5.6	76

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37	An Improved Method for Fabrication of Ag-GO Nanocomposite with Controlled Anti-Cancer and Anti-bacterial Behavior; A Comparative Study. <i>Scientific Reports</i> , 2019, 9, 9167.	1.6	71
38	Endocytosis of abiotic nanomaterials and nanobiovectors: Inhibition of membrane trafficking. <i>Nano Today</i> , 2021, 40, 101279.	6.2	69
39	Molecular Landscape of LncRNAs in Prostate Cancer: A focus on pathways and therapeutic targets for intervention. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, .	3.5	69
40	Employing siRNA tool and its delivery platforms in suppressing cisplatin resistance: Approaching to a new era of cancer chemotherapy. <i>Life Sciences</i> , 2021, 277, 119430.	2.0	68
41	NF- κ B as a regulator of cancer metastasis and therapy response: A focus on epithelial-mesenchymal transition. <i>Journal of Cellular Physiology</i> , 2022, 237, 2770-2795.	2.0	68
42	Targeting autophagy in prostate cancer: preclinical and clinical evidence for therapeutic response. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 105.	3.5	67
43	Antineoplastic activity of biogenic silver and gold nanoparticles to combat leukemia: Beginning a new era in cancer theragnostic. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2022, 34, e00714.	2.1	67
44	Progress in Natural Compounds/siRNA Co-delivery Employing Nanovehicles for Cancer Therapy. <i>ACS Combinatorial Science</i> , 2020, 22, 669-700.	3.8	65
45	Progress in Delivery of siRNA-Based Therapeutics Employing Nano-Vehicles for Treatment of Prostate Cancer. <i>Bioengineering</i> , 2020, 7, 91.	1.6	65
46	Nrf2 Signaling Pathway in Chemoprotection and Doxorubicin Resistance: Potential Application in Drug Discovery. <i>Antioxidants</i> , 2021, 10, 349.	2.2	65
47	Wnt/ β -Catenin Signaling as a Driver of Hepatocellular Carcinoma Progression: An Emphasis on Molecular Pathways. <i>Journal of Hepatocellular Carcinoma</i> , 2021, Volume 8, 1415-1444.	1.8	65
48	Targeting autophagy, oxidative stress, and ER stress for neurodegenerative disease treatment. <i>Journal of Controlled Release</i> , 2022, 345, 147-175.	4.8	65
49	Polychemotherapy with Curcumin and Doxorubicin via Biological Nanoplatfoms: Enhancing Antitumor Activity. <i>Pharmaceutics</i> , 2020, 12, 1084.	2.0	64
50	Apigenin as Tumor Suppressor in Cancers: Biotherapeutic Activity, Nanodelivery, and Mechanisms With Emphasis on Pancreatic Cancer. <i>Frontiers in Chemistry</i> , 2020, 8, 829.	1.8	64
51	Nanoliposomes and Tocosomes as Multifunctional Nanocarriers for the Encapsulation of Nutraceutical and Dietary Molecules. <i>Molecules</i> , 2020, 25, 638.	1.7	64
52	Elucidating Role of Reactive Oxygen Species (ROS) in Cisplatin Chemotherapy: A Focus on Molecular Pathways and Possible Therapeutic Strategies. <i>Molecules</i> , 2021, 26, 2382.	1.7	63
53	Small interfering RNA (siRNA) to target genes and molecular pathways in glioblastoma therapy: Current status with an emphasis on delivery systems. <i>Life Sciences</i> , 2021, 275, 119368.	2.0	63
54	Sensing the scent of death: Modulation of microRNAs by Curcumin in gastrointestinal cancers. <i>Pharmacological Research</i> , 2020, 160, 105199.	3.1	61

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55	STAT3 Pathway in Gastric Cancer: Signaling, Therapeutic Targeting and Future Prospects. <i>Biology</i> , 2020, 9, 126.	1.3	61
56	Effect of zinc-doped hydroxyapatite/graphene nanocomposite on the physicochemical properties and osteogenesis differentiation of 3D-printed polycaprolactone scaffolds for bone tissue engineering. <i>Chemical Engineering Journal</i> , 2021, 426, 131321.	6.6	61
57	A concise review on cancer treatment methods and delivery systems. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101350.	1.4	60
58	AIE-featured tetraphenylethylene nanoarchitectures in biomedical application: Bioimaging, drug delivery and disease treatment. <i>Coordination Chemistry Reviews</i> , 2021, 447, 214135.	9.5	59
59	<p>Superparamagnetic iron oxide nanoparticles combined with NGF and quercetin promote neuronal branching morphogenesis of PC12 cells<p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2157-2169.	3.3	55
60	Design and fabrication of poly (glycerol sebacate)â€based fibers for neural tissue engineering: Synthesis, electrospinning, and characterization. <i>Polymers for Advanced Technologies</i> , 2019, 30, 1427-1440.	1.6	55
61	The role of microRNA-338-3p in cancer: growth, invasion, chemoresistance, and mediators. <i>Life Sciences</i> , 2021, 268, 119005.	2.0	55
62	Green synthesis of silver nanoparticles at low temperature in a fast pace with unique DPPH radical scavenging and selective cytotoxicity against MCF-7 and BT-20 tumor cell lines. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2019, 24, e00393.	2.1	51
63	MicroRNAs and Their Influence on the ZEB Family: Mechanistic Aspects and Therapeutic Applications in Cancer Therapy. <i>Biomolecules</i> , 2020, 10, 1040.	1.8	51
64	A review on advances in graphene-derivative/polysaccharide bionanocomposites: Therapeutics, pharmacogenomics and toxicity. <i>Carbohydrate Polymers</i> , 2020, 250, 116952.	5.1	50
65	Gallic acid for cancer therapy: Molecular mechanisms and boosting efficacy by nanoscopical delivery. <i>Food and Chemical Toxicology</i> , 2021, 157, 112576.	1.8	50
66	Citrus Genus and Its Waste Utilization: A Review on Health-Promoting Activities and Industrial Application. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-17.	0.5	50
67	Dual relationship between long non-coding RNAs and STAT3 signaling in different cancers: New insight to proliferation and metastasis. <i>Life Sciences</i> , 2021, 270, 119006.	2.0	49
68	Electroconductive multi-functional polypyrrole composites for biomedical applications. <i>Applied Materials Today</i> , 2021, 24, 101117.	2.3	49
69	Benzimidazole analogues as efficient arsenals in war against methicillin-resistance staphylococcus aureus (MRSA) and its SAR studies. <i>Bioorganic Chemistry</i> , 2021, 115, 105175.	2.0	49
70	Graphene oxide and its derivatives as promising In-vitro bio-imaging platforms. <i>Scientific Reports</i> , 2020, 10, 18052.	1.6	48
71	Nobiletin in Cancer Therapy: How This Plant Derived-Natural Compound Targets Various Oncogene and Onco-Suppressor Pathways. <i>Biomedicines</i> , 2020, 8, 110.	1.4	48
72	MicroRNA-mediated autophagy regulation in cancer therapy: The role in chemoresistance/chemosensitivity. <i>European Journal of Pharmacology</i> , 2021, 892, 173660.	1.7	48

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73	Synergistic effect of the combination of triethylene-glycol modified Fe ₃ O ₄ nanoparticles and ultrasound wave on MCF-7 cells. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 394, 44-49.	1.0	47
74	Long non-coding RNAs and exosomal lncRNAs: Potential functions in lung cancer progression, drug resistance and tumor microenvironment remodeling. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 112963.	2.5	47
75	Controlled quercetin release from high-capacity-loading hyperbranched polyglycerol-functionalized graphene oxide. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 6059-6071.	3.3	46
76	Functionalization of Polymers and Nanomaterials for Biomedical Applications: Antimicrobial Platforms and Drug Carriers. <i>Prosthesis</i> , 2020, 2, 117-139.	1.1	46
77	(Nano)platforms in bladder cancer therapy: Challenges and opportunities. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	3.9	46
78	Nanotechnological Approaches in Prostate Cancer Therapy: Integration of engineering and biology. <i>Nano Today</i> , 2022, 45, 101532.	6.2	46
79	PD-1/PD-L1 axis regulation in cancer therapy: The role of long non-coding RNAs and microRNAs. <i>Life Sciences</i> , 2020, 256, 117899.	2.0	45
80	PTEN: What we know of the function and regulation of this onco-suppressor factor in bladder cancer?. <i>European Journal of Pharmacology</i> , 2020, 881, 173226.	1.7	44
81	Near infra-red polymeric nanoparticle based optical imaging in Cancer diagnosis. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 199, 111630.	1.7	43
82	Biofabricated Nanostructures and Their Composites in Regenerative Medicine. <i>ACS Applied Nano Materials</i> , 2020, 3, 6210-6238.	2.4	43
83	Quercetin and Its Nano-Scale Delivery Systems in Prostate Cancer Therapy: Paving the Way for Cancer Elimination and Reversing Chemoresistance. <i>Cancers</i> , 2021, 13, 1602.	1.7	43
84	Design and characterization of a novel pH-sensitive biocompatible and multifunctional nanocarrier for in vitro paclitaxel release. <i>Materials Science and Engineering C</i> , 2021, 119, 111627.	3.8	42
85	Doxorubicin-loaded graphene oxide nanocomposites in cancer medicine: stimuli-responsive carriers, co-delivery and suppressing resistance. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 355-382.	2.4	41
86	Design and Synthesis of Novel Polyglycerol Hybrid Nanomaterials for Potential Applications in Drug Delivery Systems. <i>Macromolecular Bioscience</i> , 2011, 11, 383-390.	2.1	40
87	Broad-Spectrum Preclinical Antitumor Activity of Chrysin: Current Trends and Future Perspectives. <i>Biomolecules</i> , 2020, 10, 1374.	1.8	40
88	PTEN, a Barrier for Proliferation and Metastasis of Gastric Cancer Cells: From Molecular Pathways to Targeting and Regulation. <i>Biomedicines</i> , 2020, 8, 264.	1.4	40
89	Small in Size, but Large in Action: microRNAs as Potential Modulators of PTEN in Breast and Lung Cancers. <i>Biomolecules</i> , 2021, 11, 304.	1.8	40
90	Non-coding RNA-based regulation of inflammation. <i>Seminars in Immunology</i> , 2022, 59, 101606.	2.7	40

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91	The role of SOX family transcription factors in gastric cancer. <i>International Journal of Biological Macromolecules</i> , 2021, 180, 608-624.	3.6	39
92	Interplay between SOX9 transcription factor and microRNAs in cancer. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 681-694.	3.6	39
93	A comparative study on non-covalent functionalization of carbon nanotubes by chitosan and its derivatives for delivery of doxorubicin. <i>Chemical Physics Letters</i> , 2015, 642, 22-28.	1.2	38
94	Chitosan: A versatile bio-platform for breast cancer theranostics. <i>Journal of Controlled Release</i> , 2022, 341, 733-752.	4.8	38
95	Therapeutic potential of AMPK signaling targeting in lung cancer: Advances, challenges and future prospects. <i>Life Sciences</i> , 2021, 278, 119649.	2.0	37
96	Curcumin and inflammatory bowel diseases: From in vitro studies to clinical trials. <i>Molecular Immunology</i> , 2021, 130, 20-30.	1.0	36
97	Long noncoding RNAs (lncRNAs) in pancreatic cancer progression. <i>Drug Discovery Today</i> , 2022, 27, 2181-2198.	3.2	36
98	In vitro biocompatibility evaluations of hyperbranched polyglycerol hybrid nanostructure as a candidate for nanomedicine applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 499-506.	1.7	35
99	Toward Regulatory Effects of Curcumin on Transforming Growth Factor-Beta Across Different Diseases: A Review. <i>Frontiers in Pharmacology</i> , 2020, 11, 585413.	1.6	35
100	Targeted regulation of autophagy using nanoparticles: New insight into cancer therapy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166326.	1.8	35
101	Hyperbranched polyglycerol coated on copper oxide nanoparticles as a novel core-shell nano-carrier hydrophilic drug delivery model. <i>Journal of Molecular Liquids</i> , 2018, 250, 375-380.	2.3	34
102	The ER Stress/UPR Axis in Chronic Obstructive Pulmonary Disease and Idiopathic Pulmonary Fibrosis. <i>Life</i> , 2021, 11, 1.	1.1	34
103	Transforming growth factor-beta (TGF- β) in prostate cancer: A dual function mediator?. <i>International Journal of Biological Macromolecules</i> , 2022, 206, 435-452.	3.6	34
104	Pyromellitic dianhydride crosslinked cyclodextrin nanosponges for curcumin controlled release; formulation, physicochemical characterization and cytotoxicity investigations. <i>Journal of Microencapsulation</i> , 2019, 36, 715-727.	1.2	33
105	Resveratrol Modulates Transforming Growth Factor-Beta (TGF- β) Signaling Pathway for Disease Therapy: A New Insight into Its Pharmacological Activities. <i>Biomedicines</i> , 2020, 8, 261.	1.4	33
106	Nonspherical Metal-Based Nanoarchitectures: Synthesis and Impact of Size, Shape, and Composition on Their Biological Activity. <i>Small</i> , 2021, 17, e2007073.	5.2	33
107	Revealing the role of miRNA-489 as a new onco-suppressor factor in different cancers based on pre-clinical and clinical evidence. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 727-737.	3.6	33
108	Gene regulation by antisense transcription: A focus on neurological and cancer diseases. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112265.	2.5	33

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109	Covalent diphenylalanine peptide nanotube conjugated to folic acid/magnetic nanoparticles for anti-cancer drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 41, 90-98.	1.4	31
110	Development and optimization of a new hybrid chitosan-grafted graphene oxide/magnetic nanoparticle system for theranostic applications. <i>Journal of Molecular Liquids</i> , 2021, 322, 114515.	2.3	31
111	Pre-clinical investigation of STAT3 pathway in bladder cancer: Paving the way for clinical translation. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 111077.	2.5	31
112	Pre-Clinical and Clinical Applications of Small Interfering RNAs (siRNA) and Co-Delivery Systems for Pancreatic Cancer Therapy. <i>Cells</i> , 2021, 10, 3348.	1.8	30
113	Mesoporous silica@chitosan@gold nanoparticles as an optical biosensor and pH-sensitive theranostic platform against cancer. <i>International Journal of Biological Macromolecules</i> , 2022, 202, 241-255.	3.6	30
114	A biocompatible nanopatform formed by MgAl-layered double hydroxide modified Mn ₃ O ₄ /N-graphene quantum dot conjugated-polyaniline for pH-triggered release of doxorubicin. <i>Materials Science and Engineering C</i> , 2020, 114, 111055.	3.8	29
115	Transition Metal Dichalcogenides (TMDC)-Based Nanozymes for Biosensing and Therapeutic Applications. <i>Materials</i> , 2022, 15, 337.	1.3	29
116	Targeting Nrf2 in ischemia-reperfusion alleviation: From signaling networks to therapeutic targeting. <i>Life Sciences</i> , 2022, 300, 120561.	2.0	29
117	Electrically conductive carbon-based (bio)nanomaterials for cardiac tissue engineering. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	3.9	29
118	Long noncoding RNAs: A novel insight in the leukemogenesis and drug resistance in acute myeloid leukemia. <i>Journal of Cellular Physiology</i> , 2022, 237, 450-465.	2.0	28
119	Non-coding RNAs and macrophage interaction in tumor progression. <i>Critical Reviews in Oncology/Hematology</i> , 2022, 173, 103680.	2.0	28
120	Dual role of quercetin in enhancing the efficacy of cisplatin in chemotherapy and protection against its side effects: a review. <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 1438-1452.	1.0	27
121	Functionalization of Magnetic Nanoparticles by Folate as Potential MRI Contrast Agent for Breast Cancer Diagnostics. <i>Molecules</i> , 2020, 25, 4053.	1.7	26
122	Long non-coding RNAs as new players in bladder cancer: Lessons from pre-clinical and clinical studies. <i>Life Sciences</i> , 2022, 288, 119948.	2.0	26
123	Folic acid armed Fe ₃ O ₄ -HPG nanoparticles as a safe nano vehicle for biomedical theranostics. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 82, 33-41.	2.7	25
124	The involvement of epithelial-to-mesenchymal transition in doxorubicin resistance: Possible molecular targets. <i>European Journal of Pharmacology</i> , 2021, 908, 174344.	1.7	25
125	Exosomes as Promising Nanostructures in Diabetes Mellitus: From Insulin Sensitivity to Ameliorating Diabetic Complications. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 1229-1253.	3.3	25
126	Fabricating β -cyclodextrin based pH-responsive nanotheranostics as a programmable polymeric nanocapsule for simultaneous diagnosis and therapy. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7017-7038.	3.3	24

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127	Bacteriostatic activity of aquatic extract of black peel pomegranate and silver nanoparticles biosynthesized by using the extract. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 25, 101620.	1.5	24
128	Synthesis of Curcumin Loaded Smart pH-Responsive Stealth Liposome as a Novel Nanocarrier for Cancer Treatment. <i>Fibers</i> , 2021, 9, 19.	1.8	24
129	Targeting Cancer Stem Cells by Dietary Agents: An Important Therapeutic Strategy against Human Malignancies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11669.	1.8	24
130	EZH2 as a new therapeutic target in brain tumors: Molecular landscape, therapeutic targeting and future prospects. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112532.	2.5	24
131	MicroRNAs in cancer therapy: Their involvement in oxaliplatin sensitivity/resistance of cancer cells with a focus on colorectal cancer. <i>Life Sciences</i> , 2020, 256, 117973.	2.0	23
132	A review study on the modulation of SIRT1 expression by miRNAs in aging and age-associated diseases. <i>International Journal of Biological Macromolecules</i> , 2021, 188, 52-61.	3.6	23
133	Electrospun nanocarriers for delivering natural products for cancer therapy. <i>Trends in Food Science and Technology</i> , 2021, 118, 887-904.	7.8	23
134	The role of folic acid-conjugated polyglycerol coated iron oxide nanoparticles on radiosensitivity with clinical electron beam (6 MeV) on human cervical carcinoma cell line: In vitro study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 182, 71-76.	1.7	22
135	A review on application of Nano-structures and Nano-objects with high potential for managing different aspects of bone malignancies. <i>Nano Structures Nano Objects</i> , 2019, 19, 100348.	1.9	22
136	Is <i>Astragalus gossypinus</i> Honey a Natural Antibacterial and Cytotoxic Agent? An Investigation on <i>A. gossypinus</i> Honey Biological Activity and Its Green Synthesized Silver Nanoparticles. <i>BioNanoScience</i> , 2019, 9, 603-610.	1.5	22
137	The role of oxygen defects in magnetic properties of gamma-irradiated reduced graphene oxide. <i>Journal of Alloys and Compounds</i> , 2019, 784, 134-148.	2.8	22
138	Antimicrobial peptides as potential therapeutics for breast cancer. <i>Pharmacological Research</i> , 2021, 171, 105777.	3.1	22
139	A reduced graphene oxide- β -cyclodextrin nanocomposite-based electrode for electrochemical detection of curcumin. <i>RSC Advances</i> , 2021, 11, 7862-7872.	1.7	22
140	Synthesis, characterization and application of polyglycerol coated Fe ₃ O ₄ nanoparticles as a nano-theranostics agent. <i>Materials Research Express</i> , 2015, 2, 125002.	0.8	21
141	Cancer and SOX proteins: New insight into their role in ovarian cancer progression/inhibition. <i>Pharmacological Research</i> , 2020, 161, 105159.	3.1	21
142	Electrospun captopril-loaded PCL-carbon quantum dots nanocomposite scaffold: Fabrication, characterization, and in vitro studies. <i>Polymers for Advanced Technologies</i> , 2020, 31, 3302-3315.	1.6	21
143	Recent advances and future directions in anti-tumor activity of cryptotanshinone: A mechanistic review. <i>Phytotherapy Research</i> , 2021, 35, 155-179.	2.8	21
144	Hierarchical multifunctional graphene oxide cancer nanotheranostics agent for synchronous switchable fluorescence imaging and chemical therapy. <i>Mikrochimica Acta</i> , 2020, 187, 553.	2.5	20

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145	Crosstalk of Long Non-coding RNAs and EMT: Searching the Missing Pieces of an Incomplete Puzzle for Lung Cancer Therapy. <i>Current Cancer Drug Targets</i> , 2021, 21, 640-665.	0.8	20
146	New Horizons in Hydrogels for Methotrexate Delivery. <i>Gels</i> , 2021, 7, 2.	2.1	20
147	Paclitaxel/ β -CD-g-PG inclusion complex: An insight into complexation thermodynamics and guest solubility. <i>Journal of Molecular Liquids</i> , 2015, 208, 145-150.	2.3	19
148	Diphenylalanine peptide nanotubes self-assembled on functionalized metal surfaces for potential application in drug-eluting stent. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 2280-2290.	2.1	19
149	Fabrication of smart magnetic nanocomposite asymmetric membrane capsules for the controlled release of nitrate. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2017, 8, 233-243.	1.7	19
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