

Moganavelli Singh

List of Publications by Year in descending order

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140
papers

2,482
citations

185998

28
h-index

301761

39
g-index

141
all docs

141
docs citations

141
times ranked

2870
citing authors

#	ARTICLE	IF	CITATIONS
1	Selenium nanoparticles: potential in cancer gene and drug delivery. <i>Nanomedicine</i> , 2017, 12, 1075-1089.	1.7	170
2	Green synthesis of Ag, Au and Ag-Au bimetallic nanoparticles using <i>Stigmaphyllon ovatum</i> leaf extract and their in vitro anticancer potential. <i>Materials Letters</i> , 2019, 243, 148-152.	1.3	81
3	Cytotoxicity, Antioxidant and Apoptosis Studies of Quercetin-3-O Glucoside and 4-(?-D-Glucopyranosyl-1?4?-L-Rhamnopyranosyloxy)-Benzyl Isothiocyanate from <i>Moringa oleifera</i> . <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2016, 16, 648-656.	0.9	74
4	Folate-Targeted mRNA Delivery Using Chitosan-Functionalized Selenium Nanoparticles: Potential in Cancer Immunotherapy. <i>Pharmaceutics</i> , 2019, 12, 164.	1.7	56
5	Eco-friendly Synthesis of Copper Oxide, Zinc Oxide and Copper Oxide-Zinc Oxide Nanocomposites, and Their Anticancer Applications. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 400-409.	1.9	56
6	Polymeric Mesoporous Silica Nanoparticles for Enhanced Delivery of 5-Fluorouracil In Vitro. <i>Pharmaceutics</i> , 2019, 11, 288.	2.0	51
7	Folate-tagged chitosan-functionalized gold nanoparticles for enhanced delivery of 5-fluorouracil to cancer cells. <i>Applied Nanoscience (Switzerland)</i> , 2019, 9, 7-17.	1.6	48
8	Targeted gene delivery into HepG2 cells using complexes containing DNA, cationized asialoorosomuroid and activated cationic liposomes. <i>Journal of Controlled Release</i> , 2003, 92, 383-394.	4.8	44
9	Sterically stabilized siRNA:gold nanocomplexes enhance <i>c-MYC</i> silencing in a breast cancer cell model. <i>Nanomedicine</i> , 2019, 14, 1387-1401.	1.7	42
10	Synthesis, Molecular Docking Study and in vitro Anticancer Activity of Tetrazole Linked Benzochromene Derivatives. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 464-470.	0.9	40
11	An in vitro assessment of novel chitosan/bimetallic PtAu nanocomposites as delivery vehicles for doxorubicin. <i>Nanomedicine</i> , 2017, 12, 2625-2640.	1.7	39
12	Synthesis and Characterization of Layered Double Hydroxides and Their Potential as Nonviral Gene Delivery Vehicles. <i>ChemistryOpen</i> , 2015, 4, 137-145.	0.9	38
13	PHYTOCHEMISTRY, CYTOTOXICITY AND APOPTOSIS STUDIES OF β -SITOSTEROL-3-O-GLUCOSIDE AND β -AMYRIN FROM <i>PRUNUS AFRICANA</i> . <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2016, 13, 105-112.	0.3	38
14	Nanomedicine for Neurodegenerative Disorders: Focus on Alzheimer's and Parkinson's Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9082.	1.8	38
15	Receptor-Mediated Gene Delivery to HepG2 Cells by Ternary Assemblies Containing Cationic Liposomes and Cationized Asialoorosomuroid. <i>Drug Delivery</i> , 2001, 8, 29-34.	2.5	37
16	Dendrimer-Coated Gold Nanoparticles for Efficient Folate-Targeted mRNA Delivery In Vitro. <i>Pharmaceutics</i> , 2021, 13, 900.	2.0	37
17	Current Stimuli-Responsive Mesoporous Silica Nanoparticles for Cancer Therapy. <i>Pharmaceutics</i> , 2021, 13, 71.	2.0	37
18	The Synergism of Platinum-Gold Bimetallic Nanoconjugates Enhances 5-Fluorouracil Delivery In Vitro. <i>Pharmaceutics</i> , 2019, 11, 439.	2.0	36

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19	Synthesis, characterization and biological activities of organotin(IV) diallyldithiocarbamate complexes. <i>Inorganica Chimica Acta</i> , 2019, 485, 64-72.	1.2	36
20	Advances in the Synthesis and Application of Magnetic Ferrite Nanoparticles for Cancer Therapy. <i>Pharmaceutics</i> , 2022, 14, 937.	2.0	34
21	PEGylated galactosylated cationic liposomes for hepatocytic gene delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 122, 482-490.	2.5	33
22	Chitosan, Polyethylene Glycol and Polyvinyl Alcohol Modified MgFe ₂ O ₄ Ferrite Magnetic Nanoparticles in Doxorubicin Delivery: A Comparative Study In Vitro. <i>Molecules</i> , 2021, 26, 3893.	1.7	32
23	Structural, photocatalytic and anticancer studies of hexadecylamine capped ZnS nanoparticles. <i>Chemical Physics Letters</i> , 2020, 755, 137813.	1.2	30
24	In vitro cytotoxic activity and transfection efficiency of polyethyleneimine functionalized gold nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 906-911.	2.5	29
25	Polymerized Selenium Nanoparticles for Folate-Receptor-Targeted Delivery of Anti-Luc-siRNA: Potential for Gene Silencing. <i>Biomedicines</i> , 2020, 8, 76.	1.4	29
26	Hepatocellular-Targeted mRNA Delivery Using Functionalized Selenium Nanoparticles In Vitro. <i>Pharmaceutics</i> , 2021, 13, 298.	2.0	29
27	In vitro α -amylase and α -glucosidase inhibitory effects and cytotoxic activity of <i>Albizia antunesiana</i> extracts. <i>Pharmacognosy Magazine</i> , 2015, 11, 231.	0.3	29
28	Anti-Plasmodial Activity of Some Zulu Medicinal Plants and of Some Triterpenes Isolated from Them. <i>Molecules</i> , 2013, 18, 12313-12323.	1.7	28
29	Silver salts of carboxylic acid terminated generation 1 poly (propyl ether imine) (PETIM) dendron and dendrimers as antimicrobial agents against <i>S. aureus</i> and MRSA. <i>RSC Advances</i> , 2015, 5, 34967-34978.	1.7	28
30	Novel 2-(1-(substitutedbenzyl)-1H-tetrazol-5-yl)-3-phenylacrylonitrile derivatives: synthesis, in vitro antitumor activity and computational studies. <i>Medicinal Chemistry Research</i> , 2016, 25, 283-291.	1.1	28
31	Bio-inspired synthesis and cytotoxic evaluation of silver-gold bimetallic nanoparticles using Kei-Apple (<i>Dovyalis caffra</i>) fruits. <i>Inorganic Chemistry Communication</i> , 2019, 109, 107569.	1.8	28
32	Angiopep-2-Modified Nanoparticles for Brain-Directed Delivery of Therapeutics: A Review. <i>Polymers</i> , 2022, 14, 712.	2.0	27
33	Starburst Poly(amidoamine) Dendrimer Grafted Gold Nanoparticles as a Scaffold for Folic Acid-Targeted Plasmid DNA Delivery In Vitro. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 1959-1970.	0.9	26
34	Dendrimer functionalized folate-targeted gold nanoparticles for luciferase gene silencing in vitro: A proof of principle study. <i>Acta Pharmaceutica</i> , 2019, 69, 49-61.	0.9	26
35	Chitosan Stabilized Gold-Folate-Poly(lactide-co-glycolide) Nanoplexes Facilitate Efficient Gene Delivery in Hepatic and Breast Cancer Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 4478-4486.	0.9	25
36	Modified Gold Nanoparticles for Efficient Delivery of Betulinic Acid to Cancer Cell Mitochondria. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5072.	1.8	25

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37	Synthesis, characterization, and cytotoxic and antimicrobial activities of ruthenium(II) arene complexes with <i>N,N'</i> -bidentate ligands. <i>Journal of Coordination Chemistry</i> , 2016, 69, 3531-3544.	0.8	24
38	Sterically Stabilised Polymeric Mesoporous Silica Nanoparticles Improve Doxorubicin Efficiency: Tailored Cancer Therapy. <i>Molecules</i> , 2020, 25, 742.	1.7	23
39	Nanomedicine for COVID-19: Potential of Copper Nanoparticles. <i>Biointerface Research in Applied Chemistry</i> , 2020, 11, 10716-10728.	1.0	23
40	In vitro α -amylase and α -glucosidase inhibitory and cytotoxic activities of extracts from <i>Cissus cornifolia</i> plant parts. <i>Pharmacognosy Magazine</i> , 2017, 13, 329.	0.3	22
41	The in vivo effects of <i>Tulbhagia violacea</i> on blood pressure in a salt-sensitive rat model. <i>Journal of Ethnopharmacology</i> , 2008, 117, 263-269.	2.0	21
42	Novel serum-tolerant lipoplexes target the folate receptor efficiently. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 59, 83-93.	1.9	21
43	CuO and Au-CuO nanoparticles mediated by <i>Stigmaphyllon ovatum</i> leaf extract and their anticancer potential. <i>Inorganic Chemistry Communication</i> , 2019, 104, 93-97.	1.8	21
44	Synthesis and Anti-Inflammatory Activity of Fused 1,2,4-triazolo-[3,4-b] [1,3,4]thiadiazole Derivatives of Phenothiazine. <i>Letters in Drug Design and Discovery</i> , 2013, 10, 977-983.	0.4	21
45	Poly-L-Lysine-Lactobionic Acid-Capped Selenium Nanoparticles for Liver-Targeted Gene Delivery. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1492.	1.8	20
46	Chemical composition, antioxidant activity and cytotoxicity of the essential oils of the leaves and stem of <i>Tarchonanthus camphoratus</i> . <i>African Journal of Pharmacy and Pharmacology</i> , 2013, 7, 360-367.	0.2	19
47	Influence of Halogen Substitution in the Ligand Sphere on the Antitumor and Antibacterial Activity of Half-sandwich Ruthenium(II) Complexes $[\text{RuX}(\text{L})_2(\text{C}_5\text{H}_4)]$. <i>Journal of Coordination Chemistry</i> , 2016, 69, 3531-3544.	1.2	19
48	Phytochemical screening, in vitro evaluation of the antimicrobial, antioxidant and cytotoxicity potentials of <i>Grewia lasiocarpa</i> E. Mey. ex Harv.. <i>South African Journal of Botany</i> , 2019, 123, 180-192.	1.2	19
49	Folate-Targeted Transgenic Activity of Dendrimer Functionalized Selenium Nanoparticles In Vitro. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7177.	1.8	19
50	Recent Advances in Lipid-Based Nanosystems for Gemcitabine and Gemcitabine-Combination Therapy. <i>Nanomaterials</i> , 2021, 11, 597.	1.9	18
51	Histidine-Tagged Folate-Targeted Gold Nanoparticles for Enhanced Transgene Expression in Breast Cancer Cells In Vitro. <i>Pharmaceutics</i> , 2022, 14, 53.	2.0	18
52	The Effects of <i>Syzygium aromaticum</i> -Derived Oleanolic Acid on Kidney Function of Male Sprague-Dawley Rats and on Kidney and Liver Cell Lines. <i>Renal Failure</i> , 2012, 34, 767-776.	0.8	17
53	Synthesis, characterization, and cytotoxicity study of organotin(IV) complexes involving different dithiocarbamate groups. <i>Journal of Molecular Structure</i> , 2019, 1179, 366-375.	1.8	17
54	Co-Polymer Functionalised Gold Nanoparticles Show Efficient Mitochondrial Targeted Drug Delivery in Cervical Carcinoma Cells. <i>Journal of Biomedical Nanotechnology</i> , 2020, 16, 853-866.	0.5	17

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55	Synthesis, Characterization, Anticancer and Antibacterial Activity of Some Novel Pyrano[2,3-d]pyrimidinone Carbonitrile Derivatives. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 719-725.	0.9	17
56	A cationic cytofectin with long spacer mediates favourable transfection in transformed human epithelial cells. <i>International Journal of Pharmaceutics</i> , 2006, 309, 189-198.	2.6	16
57	Synthesis and characterization of new $\hat{\pm}, \hat{\pm} \hat{\alpha}^2$ -diaminoalkane-bridged dicarbonyl($\hat{i} \cdot 5$) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 6 dicarbonyl ruthenium(II) amine complexes. <i>Journal of Organometallic Chemistry</i> , 2015, 799-800, 138-146.	0.8	16
58	Lipoplexes with biotinylated transferrin accessories: Novel, targeted, serum-tolerant gene carriers. <i>International Journal of Pharmaceutics</i> , 2006, 321, 124-137.	2.6	15
59	Effect of chitosan coating on the structural and magnetic properties of MnFe ₂ O ₄ and Mn _{0.5} Co _{0.5} Fe ₂ O ₄ nanoparticles. <i>AIP Advances</i> , 2018, 8, 056726.	0.6	15
60	Cytogenotoxic and biological evaluation of the aqueous extracts of <i>Grewia lasiocarpa</i> : An <i>Allium cepa</i> assay. <i>South African Journal of Botany</i> , 2019, 125, 371-380.	1.2	15
61	A comparative study of the proximate, FTIR analysis and mineral elements of the leaves and stem bark of <i>Grewia lasiocarpa</i> E.Mey. ex Harv.: An indigenous southern African plant. <i>South African Journal of Botany</i> , 2019, 123, 9-19.	1.2	15
62	New Pyrano[2,3-d:6,5-d']dipyrimidine Derivatives-Synthesis, in vitro Cytotoxicity and Computational Studies. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2016, 16, 1031-1037.	0.9	15
63	Lactobionic acid-chitosan functionalised gold-coated poly(lactide-co-glycolide) nanoparticles for hepatocyte targeted gene delivery. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2020, 11, 045017.	0.7	14
64	Therapeutic applications of CRISPR/Cas9 in breast cancer and delivery potential of gold nanomaterials. <i>Nanobiomedicine</i> , 2020, 7, 184954352098319.	4.4	14
65	Cervical cancer: a meta-analysis, therapy and future of nanomedicine. <i>Ecancermedalscience</i> , 2020, 14, 1111.	0.6	14
66	Biosynthesis of ZnO Nanoparticles Using Capsicum chinense Fruit Extract and Their In Vitro Cytotoxicity and Antioxidant Assay. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4451.	1.3	14
67	Cationic modified gold nanoparticles show enhanced gene delivery <i><i>in vitro</i></i> . <i>Nanotechnology Reviews</i> , 2016, 5, 425-434.	2.6	13
68	Novel Targeted Liposomes Deliver siRNA to Hepatocellular Carcinoma Cells <i><i>in vitro</i></i> . <i>Chemical Biology and Drug Design</i> , 2012, 80, 647-656.	1.5	12
69	The electrokinetic characterization of gold nanoparticles, functionalized with cationic functional groups, and its $\hat{\epsilon}^{\text{TM}}$ interaction with DNA. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 121, 425-431.	2.5	12
70	Clorodendrum volubile inhibits key enzymes linked to type 2 diabetes but induces cytotoxicity in human embryonic kidney (HEK293) cells via exacerbated oxidative stress and proinflammation. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 1144-1152.	2.5	12
71	Anti-c-myc RNAi-Based Onconanotherapeutics. <i>Biomedicines</i> , 2020, 8, 612.	1.4	12
72	HER-2/neu and MYC gene silencing in breast cancer: therapeutic potential and advancement in nonviral nanocarrier systems. <i>Nanomedicine</i> , 2020, 15, 1437-1452.	1.7	12

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73	Chitosan-Functionalized Mg _{0.5} Co _{0.5} Fe ₂ O ₄ Magnetic Nanoparticles Enhance Delivery of 5-Fluorouracil In Vitro. <i>Coatings</i> , 2020, 10, 446.	1.2	11
74	Synthesis, X-ray crystal structures and anticancer studies of four Pd(II) dithiocarbamate complexes. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103326.	2.3	11
75	Diorganotin(IV) benzylthiocarbamate complexes: synthesis, characterization, and thermal and cytotoxicity study. <i>Open Chemistry</i> , 2020, 18, 453-462.	1.0	11
76	Chitosan-Modified Silver Nanoparticles Enhance Cisplatin Activity in Breast Cancer Cells. <i>Biointerface Research in Applied Chemistry</i> , 2020, 11, 10572-10584.	1.0	11
77	Polymeric Mesoporous Silica Nanoparticles for Combination Drug Delivery In vitro. <i>Biointerface Research in Applied Chemistry</i> , 2021, 11, 11905-11919.	1.0	11
78	Lactogenic Activity of Rats Stimulated by <i>Gunnera perpensa</i> L. (Gunneraceae) from South Africa. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2012, 9, 561-73.	0.3	10
79	Synthesis, Biological Activity of Pyrimidine Linked with Morpholinophenyl Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 1852-1858.	1.4	10
80	Synthesis of chloro, fluoro, and nitro derivatives of 7-amino-5-cyano-2,4-dihydropyrido[2,4-d]pyrimidin-6-ylidene using organic catalysts and their antimicrobial and anticancer activities. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 3008-3016.	1.4	10
81	Two Temperatures Biogenic Synthesis of Silver Nanoparticles from <i>Grewia lasiocarpa</i> E. Mey. ex Harv. Leaf and Stem Bark Extracts: Characterization and Applications. <i>BioNanoScience</i> , 2021, 11, 142-158.	1.5	10
82	Nanomedicine-mediated optimization of immunotherapeutic approaches in cervical cancer. <i>Nanomedicine</i> , 2021, 16, 1311-1328.	1.7	10
83	Biogenic Synthesis of Silver-Core Selenium-Shell Nanoparticles Using <i>Ocimum tenuiflorum</i> L.: Response Surface Methodology-Based Optimization and Biological Activity. <i>Nanomaterials</i> , 2021, 11, 2516.	1.9	10
84	Anti-c-myc cholesterol based lipoplexes as onco-nanotherapeutic agents in vitro. <i>F1000Research</i> , 2020, 9, 770.	0.8	10
85	Emerging Roles of Green-Synthesized Chalcogen and Chalcogenide Nanoparticles in Cancer Theranostics. <i>Journal of Nanotechnology</i> , 2022, 2022, 1-18.	1.5	10
86	Placental leptin in HIV-associated preeclampsia. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2013, 171, 271-276.	0.5	9
87	Pegylated and Non-Pegylated siRNA Lipoplexes Formulated with Cholesteryl Cytosine Promote Efficient Luciferase Knockdown in HeLa Cells. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2013, 32, 206-220.	0.4	9
88	Anti-c-myc cholesterol based lipoplexes as onco-nanotherapeutic agents in vitro. <i>F1000Research</i> , 2020, 9, 770.	0.8	9
89	Novel Neo Glycolipid: Formulation into Pegylated Cationic Liposomes and Targeting of DNA Lipoplexes to the Hepatocyte-Derived Cell Line HepG2. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2012, 31, 206-223.	0.4	8
90	Synthesis, characterization, anticancer and antimicrobial study of arene ruthenium(II) complexes with 1,2,4-triazole ligands containing an <i>l</i> -diimine moiety. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2018, 73, 167-178.	0.3	8

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91	Synthesis, crystal structure and in vitro anticancer studies of bis(dibenzylthiocarbamate)Zn(II). <i>Journal of Coordination Chemistry</i> , 2021, 74, 1244-1254.	0.8	8
92	Nanomedicines for Subcellular Targeting: The Mitochondrial Perspective. <i>Current Medicinal Chemistry</i> , 2020, 27, 5480-5509.	1.2	8
93	Phytochemical Analysis with Antioxidant and Cytotoxicity Studies of the Bioactive Principles from <i>Zanthoxylum capense</i> (Small Knobwood). <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 627-634.	0.9	8
94	Cytotoxic and Antioxidant Activities of Selected South African Medicinal Plants. <i>Pharmacognosy Journal</i> , 2019, 11, 1532-1539.	0.3	8
95	Assessing Nucleic Acid: Cationic Nanoparticle Interaction for Gene Delivery. <i>Methods in Molecular Biology</i> , 2021, 2211, 43-55.	0.4	8
96	Detecting Virus-like Particles from the Umgeni River, South Africa. <i>Clean - Soil, Air, Water</i> , 2014, 42, 393-407.	0.7	7
97	Synthesis, characterization, antiproliferative, and antimicrobial activity of osmium(II) half-sandwich complexes. <i>Journal of Coordination Chemistry</i> , 2018, 71, 342-354.	0.8	7
98	PVA coating of ferrite nanoparticles triggers pH-responsive release of 5-fluorouracil in cancer cells. <i>Journal of Polymer Engineering</i> , 2021, 41, 597-606.	0.6	7
99	Folate-targeted doxorubicin delivery to breast and cervical cancer cells using a chitosan-gold nano-delivery system. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 67, 102978.	1.4	7
100	In Vitro Investigation of the Antioxidant and Cytotoxic Potential of <i>Tabernaemontana ventricosa</i> Hochst. ex A. DC. Leaf, Stem, and Latex Extracts. <i>Horticulturae</i> , 2022, 8, 91.	1.2	7
101	Purification of Azurin from <i>Pseudomonas Aeurogenosa</i> . , 0, , .		6
102	Active targeting of asialoglycoprotein receptor using sterically stabilized lipoplexes. <i>European Journal of Lipid Science and Technology</i> , 2016, 118, 1730-1742.	1.0	6
103	Cytotoxic activity of the bioactive principles from <i>Ficus burtt-davyi</i> . <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2018, 53, 261-275.	0.7	6
104	Glycosylated Liposomes with Proton Sponge Capacity: Novel Hepatocyte-Specific Gene Carriers. <i>Current Drug Delivery</i> , 2013, 10, 685-695.	0.8	6
105	Spacer Length: A Determining Factor in the Design of Galactosyl Ligands for Hepatoma Cell-Specific Liposomal Gene Delivery. <i>Current Drug Delivery</i> , 2016, 13, 935-945.	0.8	6
106	Selenium Nanoparticles in Folate-Targeted Delivery of the pCMV-Luc DNA Reporter Gene. <i>Current Nanoscience</i> , 2021, 17, 871-880.	0.7	6
107	Triterpenes from the stem bark of <i>Protorhus longifolia</i> exhibit anti-platelet aggregation activity. <i>African Journal of Pharmacy and Pharmacology</i> , 2011, 5, .	0.2	5
108	Enhancement of transfection activity in HEK293 cells by lipoplexes containing cholesteryl nitrogen-pivoted aza-crown ethers. <i>Medicinal Chemistry Research</i> , 2013, 22, 2561-2569.	1.1	5

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109	Testicular Dysfunction Ameliorative Effect of the Methanolic Roots Extracts of <i>Maytenus procumbens</i> and <i>Ozoroa paniculosa</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 1-7.	0.5	5
110	Pharmacodynamic and cytotoxicity effects of <i>Syzygium cordatum</i> fruit-pulp extract in gastrointestinal tract infections. <i>Tropical Journal of Pharmaceutical Research</i> , 2017, 16, 1349.	0.2	5
111	Surface-coating of Mg _{0.5} Co _{0.5} Fe ₂ O ₄ nanoferrites and their in vitro cytotoxicity. <i>Inorganic Chemistry Communication</i> , 2019, 108, 107525.	1.8	5
112	Cytotoxicity and Antibacterial Evaluation of Alkylated/Acylated Quinazolinone Schiff Bases. <i>Chemistry and Biodiversity</i> , 2021, 18, e2100096.	1.0	5
113	Amino Acid Functionalized Hydrotalcites for Gene Silencing. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 3387-3397.	0.9	5
114	<i>Ocimum tenuiflorum</i> L mediated green synthesis of silver and selenium nanoparticles: antioxidant activity, cytotoxicity and density functional theory studies. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2022, 13, 015015.	0.7	5
115	The essential oils of <i>Grewia lasiocarpa</i> E. Mey. Ex Harv.: chemical composition, in vitro biological activity and cytotoxic effect on HeLa cells. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, e20190343.	0.3	5
116	Biotin-directed assembly of targeted modular lipoplexes and their transfection of human hepatoma cells in vitro. <i>Drug Delivery</i> , 2010, 17, 426-433.	2.5	4
117	Effect of Poly(ethylene glycol) Spacer on Peptide-Decorated Hepatocellular Carcinoma-Targeted Lipoplexes <i>In Vitro</i> . <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 4734-4742.	0.9	4
118	Stealth lipoplex decorated with triazole-tethered galactosyl moieties: a strong hepatotropic gene vector. <i>Biotechnology Letters</i> , 2015, 37, 567-575.	1.1	4
119	Placental leptin mRNA expression and serum leptin levels in pre-eclampsia associated with HIV infection. <i>Journal of Obstetrics and Gynaecology</i> , 2017, 37, 48-52.	0.4	4
120	Localized Nano-mediated Interleukin-12 Gene Therapy: Promising Candidate for Cancer Immunotherapeutics. <i>Current Cancer Drug Targets</i> , 2022, 22, 825-842.	0.8	4
121	LIPOPLEX-MEDIATED STABLE GENE TRANSFER INTO HeLa CELLS. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2001, 20, 889-891.	0.4	3
122	Anti-platelet aggregation of mixtures of betulinic oleanolic and maslinic acids and derivatives from medicinal plants. <i>Tropical Journal of Pharmaceutical Research</i> , 2016, 15, 1613.	0.2	3
123	142. Functionalized Selenium Nanoparticles for mRNA Delivery. <i>Molecular Therapy</i> , 2016, 24, S57.	3.7	3
124	PEGylation potentiates hepatoma cell targeted liposome-mediated in vitro gene delivery via the asialoglycoprotein receptor. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2017, 72, 293-301.	0.6	3
125	Synthesis, molecular docking and anticancer activity of 5,5'-(phenylmethylene)bis(6-amino-2-thiouracil) derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2021, 196, 920-928.	0.8	3
126	Isolation of lupeol from <i>Grewia lasiocarpa</i> stem bark: Antibacterial, antioxidant, and cytotoxicity activities. <i>Biodiversitas</i> , 2020, 21, .	0.2	3

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127	Phytochemical constituents of sterol-rich fraction from <i>Allium cepa</i> L. and its cytotoxic effect on human embryonic kidney (HEK293) cells. <i>Journal of Food Biochemistry</i> , 2021, 45, e13586.	1.2	2
128	Ligand-Tagged Cationic Liposome Facilitates Efficient Gene Delivery to Folate Receptors. <i>Current Science</i> , 2016, 111, 662.	0.4	2
129	Antimycobacterial, antiplasmodial studies and cytotoxicity of oleanolic acid and its derivative from <i>Syzygium aromaticum</i> Linn (Myrtaceae). <i>Biomedical and Biopharmaceutical Research</i> , 2020, 17, 1-12.	0.0	2
130	Die anatomie en histochemie van <i>Grewia lasiocarpa</i> E. Mey. ex Harv. (Malvaceae). <i>South African Journal of Science and Technology</i> , 2020, 39, 91-107.	0.1	2
131	Carbon-based Nanomaterials for Delivery of Small RNA Molecules: A Focus on Potential Cancer Treatment Applications. <i>Pharmaceutical Nanotechnology</i> , 2022, 10, 164-181.	0.6	2
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