

# Moganavelli Singh

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

130  
papers

1,512  
citations

21  
h-index

30  
g-index

140  
ext. papers

1,951  
ext. citations

3.2  
avg, IF

5.92  
L-index

#	Paper	IF	Citations
130	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> , <b>2022</b> , 8, 91	2.5	2
129	Poly-L-Lysine-Lactobionic Acid-Capped Selenium Nanoparticles for Liver-Targeted Gene Delivery.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	3
128	<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> , <b>2022</b> , 13, 015015	1.6	0
127	Advances in the Synthesis and Application of Magnetic Ferrite Nanoparticles for Cancer Therapy. <i>Pharmaceutics</i> , <b>2022</b> , 14, 937	6.4	4
126	Emerging Roles of Green-Synthesized Chalcogen and Chalcogenide Nanoparticles in Cancer Theranostics. <i>Journal of Nanotechnology</i> , <b>2022</b> , 2022, 1-18	3.5	1
125	Biosynthesis of ZnO Nanoparticles Using Capsicum chinense Fruit Extract and Their In Vitro Cytotoxicity and Antioxidant Assay. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 4451	2.6	0
124	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> , <b>2021</b> , 102978	4.5	1
123	Polymeric Mesoporous Silica Nanoparticles for Combination Drug Delivery In vitro. <i>Biointerface Research in Applied Chemistry</i> , <b>2021</b> , 11, 11905-11919	2.8	5
122	Assessing Nucleic Acid: Cationic Nanoparticle Interaction for Gene Delivery. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2211, 43-55	1.4	5
121	Cytotoxicity and Antibacterial Evaluation of O-Alkylated/Acylated Quinazolin-4-one Schiff Bases. <i>Chemistry and Biodiversity</i> , <b>2021</b> , 18, e2100096	2.5	3
120	Modified Gold Nanoparticles for Efficient Delivery of Betulinic Acid to Cancer Cell Mitochondria. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	5
119	Nanomedicine-mediated optimization of immunotherapeutic approaches in cervical cancer. <i>Nanomedicine</i> , <b>2021</b> , 16, 1311-1328	5.6	2
118	Chitosan, Polyethylene Glycol and Polyvinyl Alcohol Modified MgFeO Ferrite Magnetic Nanoparticles in Doxorubicin Delivery: A Comparative Study In Vitro. <i>Molecules</i> , <b>2021</b> , 26,	4.8	11
117	Dendrimer-Coated Gold Nanoparticles for Efficient Folate-Targeted mRNA Delivery In Vitro. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	13
116	PVA coating of ferrite nanoparticles triggers pH-responsive release of 5-fluorouracil in cancer cells. <i>Journal of Polymer Engineering</i> , <b>2021</b> ,	1.4	1
115	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> , <b>2021</b> , 45, e13586	3.3	1
114	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> , <b>2021</b> , 11, 142-158 <sup>3,4</sup>		3

113	Recent Advances in Lipid-Based Nanosystems for Gemcitabine and Gemcitabine-Combination Therapy. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	9
112	Hepatocellular-Targeted mRNA Delivery Using Functionalized Selenium Nanoparticles In Vitro. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	13
111	Synthesis, crystal structure and in vitro anticancer studies of bis(dibenzyldithiocarbamate)Zn(II). <i>Journal of Coordination Chemistry</i> , <b>2021</b> , 74, 1244-1254	1.6	3
110	Nanomedicine for Neurodegenerative Disorders: Focus on Alzheimer <sup>®</sup> and Parkinson <sup>®</sup> Diseases. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	8
109	Synthesis, X-ray crystal structures and anticancer studies of four Pd(II) dithiocarbamate complexes. <i>Arabian Journal of Chemistry</i> , <b>2021</b> , 14, 103326	5.9	3
108	Biogenic Synthesis of Silver-Core Selenium-Shell Nanoparticles Using L.: Response Surface Methodology-Based Optimization and Biological Activity. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	3
107	Current Stimuli-Responsive Mesoporous Silica Nanoparticles for Cancer Therapy. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	13
106	Histidine-Tagged Folate-Targeted Gold Nanoparticles for Enhanced Transgene Expression in Breast Cancer Cells In Vitro.. <i>Pharmaceutics</i> , <b>2021</b> , 14,	6.4	2
105	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> , <b>2021</b> , 93, e20190343 <sup>1.4</sup>		1
104	and gene silencing in breast cancer: therapeutic potential and advancement in nonviral nanocarrier systems. <i>Nanomedicine</i> , <b>2020</b> , 15, 1437-1452	5.6	6
103	Chitosan-Functionalized Mg <sub>0.5</sub> Co <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> Magnetic Nanoparticles Enhance Delivery of 5-Fluorouracil In Vitro. <i>Coatings</i> , <b>2020</b> , 10, 446	2.9	7
102	Sterically Stabilised Polymeric Mesoporous Silica Nanoparticles Improve Doxorubicin Efficiency: Tailored Cancer Therapy. <i>Molecules</i> , <b>2020</b> , 25,	4.8	15
101	Co-Polymer Functionalised Gold Nanoparticles Show Efficient Mitochondrial Targeted Drug Delivery in Cervical Carcinoma Cells. <i>Journal of Biomedical Nanotechnology</i> , <b>2020</b> , 16, 853-866	4	8
100	Amino Acid Functionalized Hydroxylapatites for Gene Silencing. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2020</b> , 20, 3387-3397	1.3	4
99	Therapeutic applications of CRISPR/Cas9 in breast cancer and delivery potential of gold nanomaterials. <i>Nanobiomedicine</i> , <b>2020</b> , 7, 1849543520983196	4.8	6
98	Anti-c-myc cholesterol based lipoplexes as onco-nanotherapeutic agents in vitro. <i>F1000Research</i> , <b>2020</b> , 9, 770	3.6	9
97	Diorganotin(IV) benzyldithiocarbamate complexes: synthesis, characterization, and thermal and cytotoxicity study. <i>Open Chemistry</i> , <b>2020</b> , 18, 453-462	1.6	3
96	Toepassings en bioveiligheid van Fe@Cu kern-in-dop nanodeeltjes. <i>South African Journal of Science and Technology</i> , <b>2020</b> , 39, 78-84	0.1	

95	Die anatomie en histochemie van <i>Grewia lasiocarpa</i> E. Mey. ex Harv. (Malvaceae). <i>South African Journal of Science and Technology</i> , <b>2020</b> , 39, 91-107	0.1	
94	Nanomedicines for Subcellular Targeting: The Mitochondrial Perspective. <i>Current Medicinal Chemistry</i> , <b>2020</b> , 27, 5480-5509	4.3	4
93	Chitosan-Modified Silver Nanoparticles Enhance Cisplatin Activity in Breast Cancer Cells. <i>Biointerface Research in Applied Chemistry</i> , <b>2020</b> , 11, 10572-10584	2.8	6
92	Nanomedicine for COVID-19: Potential of Copper Nanoparticles. <i>Biointerface Research in Applied Chemistry</i> , <b>2020</b> , 11, 10716-10728	2.8	9
91	Cervical cancer: a meta-analysis, therapy and future of nanomedicine. <i>Ecancermedalscience</i> , <b>2020</b> , 14, 1111	2.7	7
90	Folate-Targeted Transgenic Activity of Dendrimer Functionalized Selenium Nanoparticles In Vitro. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	11
89	Antimycobacterial, antiplasmodial studies and cytotoxicity of oleanolic acid and its derivative from <i>Syzygium aromaticum</i> Linn (Myrtaceae). <i>Biomedical and Biopharmaceutical Research</i> , <b>2020</b> , 17, 1-12	0.1	
88	Selenium Nanoparticles in Folate-Targeted delivery of the pCMV-Luc DNA Reporter Gene. <i>Current Nanoscience</i> , <b>2020</b> , 16,	1.4	2
87	Structural, photocatalytic and anticancer studies of hexadecylamine capped ZnS nanoparticles. <i>Chemical Physics Letters</i> , <b>2020</b> , 755, 137813	2.5	15
86	Anti- RNAi-Based Onconanotherapeutics. <i>Biomedicines</i> , <b>2020</b> , 8,	4.8	5
85	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> , <b>2020</b> , 30, 400-409	3.2	25
84	Polymerized Selenium Nanoparticles for Folate-Receptor-Targeted Delivery of Anti-Luc-siRNA: Potential for Gene Silencing. <i>Biomedicines</i> , <b>2020</b> , 8,	4.8	17
83	Anti- cholesterol based lipoplexes as onco-nanotherapeutic agents. <i>F1000Research</i> , <b>2020</b> , 9, 770	3.6	6
82	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> , <b>2020</b> , 11, 045017	1.6	8
81	Synthesis of chloro, fluoro, and nitro derivatives of 7-amino-5-aryl-6-cyano-5H-pyrano pyrimidin-2,4-diones using organic catalysts and their antimicrobial and anticancer activities. <i>Journal of Heterocyclic Chemistry</i> , <b>2019</b> , 56, 3008-3016	1.9	5
80	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> , <b>2019</b> , 125, 371-380	2.9	9
79	Surface-coating of Mg <sub>0.5</sub> Co <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> nanoferrites and their in vitro cytotoxicity. <i>Inorganic Chemistry Communication</i> , <b>2019</b> , 108, 107525	3.1	4
78	The Synergism of Platinum-Gold Bimetallic Nanoconjugates Enhances 5-Fluorouracil Delivery In Vitro. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	20

77	Bio-inspired synthesis and cytotoxic evaluation of silver-gold bimetallic nanoparticles using Kei-Apple ( <i>Dovyalis caffra</i> ) fruits. <i>Inorganic Chemistry Communication</i> , <b>2019</b> , 109, 107569	3.1	18
76	Polymeric Mesoporous Silica Nanoparticles for Enhanced Delivery of 5-Fluorouracil In Vitro. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	36
75	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> , <b>2019</b> , 123, 180-192	2.9	10
74	CuO and Au-CuO nanoparticles mediated by <i>Stigmaphyllon ovatum</i> leaf extract and their anticancer potential. <i>Inorganic Chemistry Communication</i> , <b>2019</b> , 104, 93-97	3.1	10
73	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> , <b>2019</b> , 123, 9-19	2.9	7
72	Sterically stabilized siRNA:gold nanocomplexes enhance silencing in a breast cancer cell model. <i>Nanomedicine</i> , <b>2019</b> , 14, 1387-1401	5.6	22
71	Folate-Targeted mRNA Delivery Using Chitosan-Functionalized Selenium Nanoparticles: Potential in Cancer Immunotherapy. <i>Pharmaceutics</i> , <b>2019</b> , 12,	5.2	36
70	Dendrimer functionalized folate-targeted gold nanoparticles for luciferase gene silencing in vitro: A proof of principle study. <i>Acta Pharmaceutica</i> , <b>2019</b> , 69, 49-61	3.2	19
69	Cytotoxic and Antioxidant Activities of Selected South African Medicinal Plants. <i>Pharmacognosy Journal</i> , <b>2019</b> , 11, 1532-1539	1.6	3
68	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> , <b>2019</b> , 243, 148-152	3.3	41
67	Synthesis, characterization, and cytotoxicity study of organotin(IV) complexes involving different dithiocarbamate groups. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1179, 366-375	3.4	11
66	Folate-tagged chitosan-functionalized gold nanoparticles for enhanced delivery of 5-fluorouracil to cancer cells. <i>Applied Nanoscience (Switzerland)</i> , <b>2019</b> , 9, 7-17	3.3	27
65	Starburst Poly(amidoamine) Dendrimer Grafted Gold Nanoparticles as a Scaffold for Folic Acid-Targeted Plasmid DNA Delivery. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2019</b> , 19, 1959-1970	1.3	21
64	Synthesis, characterization and biological activities of organotin(IV) diallyldithiocarbamate complexes. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 485, 64-72	2.7	28
63	Effect of chitosan coating on the structural and magnetic properties of MnFe <sub>2</sub> O <sub>4</sub> and Mn <sub>0.5</sub> Co <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> nanoparticles. <i>AIP Advances</i> , <b>2018</b> , 8, 056726	1.5	9
62	Synthesis, characterization, antiproliferative, and antimicrobial activity of osmium(II) half-sandwich complexes. <i>Journal of Coordination Chemistry</i> , <b>2018</b> , 71, 342-354	1.6	4
61	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> , <b>2018</b> , 53, 261-275	2.2	3
60	Synthesis, characterization, anticancer and antimicrobial study of arene ruthenium(II) complexes with 1,2,4-triazole ligands containing an $\beta$ -diimine moiety. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2018</b> , 73, 167-178	1	5

59	Clerodendrum 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> , <b>2018</b> , 106, 1144-1152	7.5	11
58	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> , <b>2018</b> , 18, 4478-4486	1.3	20
57	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> , <b>2017</b> , 72, 293-301	1.7	1
56	Selenium nanoparticles: potential in cancer gene and drug delivery. <i>Nanomedicine</i> , <b>2017</b> , 12, 1075-1089	5.6	118
55	Influence of Halogen Substitution in the Ligand Sphere on the Antitumor and Antibacterial Activity of Half-sandwich Ruthenium(II) Complexes [RuX( $\beta$ -arene)(C <sub>5</sub> H <sub>4</sub> N-2-CH=N-Ar)] <sup>+</sup> . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2017</b> , 643, 699-711	1.3	13
54	An in vitro assessment of novel chitosan/bimetallic PtAu nanocomposites as delivery vehicles for doxorubicin. <i>Nanomedicine</i> , <b>2017</b> , 12, 2625-2640	5.6	34
53	Testicular Dysfunction Ameliorative Effect of the Methanolic Roots Extracts of and. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2017</b> , 2017, 8204816	2.3	4
52	Pharmacodynamic and cytotoxicity effects of Syzygium cordatum {S Ncik, 48 (UZ)} fruit-pulp extract in gastrointestinal tract infections. <i>Tropical Journal of Pharmaceutical Research</i> , <b>2017</b> , 16, 1349	0.8	4
51	Placental leptin mRNA expression and serum leptin levels in pre-eclampsia associated with HIV infection. <i>Journal of Obstetrics and Gynaecology</i> , <b>2017</b> , 37, 48-52	1.3	3
50	Synthesis, Molecular Docking Study and in vitro Anticancer Activity of Tetrazole Linked Benzochromene Derivatives. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2017</b> , 17, 464-470	2.2	32
49	Phytochemical Analysis with Antioxidant and Cytotoxicity Studies of the Bioactive Principles from Zanthoxylum capense (Small Knobwood). <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2017</b> , 17, 627-634	2.2	5
48	Synthesis, Characterization, Anticancer and Antibacterial Activity of Some Novel Pyrano[2,3-d]pyrimidinone Carbonitrile Derivatives. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2017</b> , 17, 719-725	2.2	13
47	$\alpha$ -Amylase and $\beta$ -Glucosidase Inhibitory and Cytotoxic Activities of Extracts from Planch Parts. <i>Pharmacognosy Magazine</i> , <b>2017</b> , 13, S329-S333	0.8	15
46	Active targeting of asialoglycoprotein receptor using sterically stabilized lipoplexes. <i>European Journal of Lipid Science and Technology</i> , <b>2016</b> , 118, 1730-1742	3	2
45	In vitro cytotoxic activity and transfection efficiency of polyethyleneimine functionalized gold nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 145, 906-911	6	23
44	Novel 2-(1-(substitutedbenzyl)-1H-tetrazol-5-yl)-3-phenylacrylonitrile derivatives: synthesis, in vitro antitumor activity and computational studies. <i>Medicinal Chemistry Research</i> , <b>2016</b> , 25, 283-291	2.2	24
43	Ligand-Tagged Cationic Liposome Facilitates Efficient Gene Delivery to Folate Receptors. <i>Current Science</i> , <b>2016</b> , 111, 662	2.2	2
42	Spacer Length: A Determining Factor in the Design of Galactosyl Ligands for Hepatoma Cell-Specific Liposomal Gene Delivery. <i>Current Drug Delivery</i> , <b>2016</b> , 13, 935-45	3.2	6

41	Cytotoxicity, Antioxidant and Apoptosis Studies of Quercetin-3-O Glucoside and 4-(E-D-Glucopyranosyl-1- $\beta$ -D-Rhamnopyranosyloxy)-Benzyl Isothiocyanate from <i>Moringa oleifera</i> . <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2016</b> , 16, 648-56	2.2	50
40	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> , <b>2016</b> , 16, 1031-1037	2.2	13
39	Anti-platelet aggregation of mixtures of betulinic oleanolic and maslinic acids and derivatives from medicinal plants. <i>Tropical Journal of Pharmaceutical Research</i> , <b>2016</b> , 15, 1613	0.8	2
38	PHYTOCHEMISTRY, CYTOTOXICITY AND APOPTOSIS STUDIES OF B-SITOSTEROL-3--GLUCOSIDE AND $\beta$ -AMYRIN FROM. <i>Tropical Journal of Obstetrics and Gynaecology</i> , <b>2016</b> , 13, 105-112	0.3	22
37	Synthesis, Biological Activity of Pyrimidine Linked with Morpholinophenyl Derivatives. <i>Journal of Heterocyclic Chemistry</i> , <b>2016</b> , 53, 1852-1858	1.9	9
36	142. Functionalized Selenium Nanoparticles for mRNA Delivery. <i>Molecular Therapy</i> , <b>2016</b> , 24, S57	11.7	2
35	Synthesis, characterization, and cytotoxic and antimicrobial activities of ruthenium(II) arene complexes with N,N-bidentate ligands. <i>Journal of Coordination Chemistry</i> , <b>2016</b> , 69, 3531-3544	1.6	20
34	Cationic modified gold nanoparticles show enhanced gene delivery in vitro. <i>Nanotechnology Reviews</i> , <b>2016</b> , 5,	6.3	9
33	Synthesis and characterization of layered double hydroxides and their potential as nonviral gene delivery vehicles. <i>ChemistryOpen</i> , <b>2015</b> , 4, 137-45	2.3	26
32	Stealth lipoplex decorated with triazole-tethered galactosyl moieties: a strong hepatotropic gene vector. <i>Biotechnology Letters</i> , <b>2015</b> , 37, 567-75	3	3
31	Synthesis and characterization of new $\mu$ -diaminoalkane-bridged dicarbonyl( $\beta$ -cyclopentadienyl)ruthenium(II) complex salts: Antibacterial activity tests of $\beta$ -cyclopentadienyl dicarbonyl ruthenium(II) amine complexes. <i>Journal of Organometallic Chemistry</i> , <b>2015</b> , 799-800, 138-146	2.3	14
30	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> , <b>2015</b> , 5, 34967-34978	3.7	24
29	Effect of Poly(ethylene glycol) Spacer on Peptide-Decorated Hepatocellular Carcinoma-Targeted Lipoplexes In Vitro. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2015</b> , 15, 4734-42	1.3	3
28	In vitro $\alpha$ -amylase and $\beta$ -glucosidase inhibitory effects and cytotoxic activity of <i>Albizia antunesiana</i> extracts. <i>Pharmacognosy Magazine</i> , <b>2015</b> , 11, S231-6	0.8	22
27	Detecting Virus-Like Particles from the Umgeni River, South Africa. <i>Clean - Soil, Air, Water</i> , <b>2014</b> , 42, 393-407	4.07	6
26	The electrokinetic characterization of gold nanoparticles, functionalized with cationic functional groups, and its interaction with DNA. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 121, 425-31	6	11
25	Novel serum-tolerant lipoplexes target the folate receptor efficiently. <i>European Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 59, 83-93	5.1	17
24	PEGylated galactosylated cationic liposomes for hepatocytic gene delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 122, 482-490	6	32

23	Enhancement of transfection activity in HEK293 cells by lipoplexes containing cholesteryl nitrogen-pivoted aza-crown ethers. <i>Medicinal Chemistry Research</i> , <b>2013</b> , 22, 2561-2569	2.2	4
22	Placental leptin in HIV-associated preeclampsia. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , <b>2013</b> , 171, 271-6	2.4	8
21	PEGylated and non-PEGylated siRNA lipoplexes formulated with cholesteryl cytofectins promote efficient luciferase knockdown in HeLa tat luc cells. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2013</b> , 32, 206-20	1.4	8
20	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> , <b>2013</b> , 7, 360-367	0.5	16
19	Anti-plasmodial activity of some Zulu medicinal plants and of some triterpenes isolated from them. <i>Molecules</i> , <b>2013</b> , 18, 12313-23	4.8	23
18	Glycosylated liposomes with proton sponge capacity: novel hepatocyte- specific gene carriers. <i>Current Drug Delivery</i> , <b>2013</b> , 10, 685-95	3.2	4
17	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> , <b>2013</b> , 10, 977-983	0.8	20
16	Novel targeted liposomes deliver sirna to hepatocellular carcinoma cells in vitro. <i>Chemical Biology and Drug Design</i> , <b>2012</b> , 80, 647-56	2.9	9
15	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> , <b>2012</b> , 34, 767-76	2.9	15
14	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> , <b>2012</b> , 31, 206-23	1.4	8
13	Purification of Azurin from <i>Pseudomonas Aeurogenosa</i> <b>2012</b> ,		4
12	Lactogenic activity of rats stimulated by <i>Gunnera perpensa</i> L. (Gunneraceae) from South Africa. <i>Tropical Journal of Obstetrics and Gynaecology</i> , <b>2012</b> , 9, 561-73	0.3	9
11	Triterpenes from the stem bark of <i>Protorhus longifolia</i> exhibit anti-platelet aggregation activity. <i>African Journal of Pharmacy and Pharmacology</i> , <b>2011</b> , 5,	0.5	1
10	Biotin-directed assembly of targeted modular lipoplexes and their transfection of human hepatoma cells in vitro. <i>Drug Delivery</i> , <b>2010</b> , 17, 426-33	7	4
9	The in vivo effects of <i>Tulbhagia violacea</i> on blood pressure in a salt-sensitive rat model. <i>Journal of Ethnopharmacology</i> , <b>2008</b> , 117, 263-9	5	19
8	Cholesteryl cytofectins with primary amino head groups transfect transformed human epithelial cell lines efficiently. <i>Drug Delivery</i> , <b>2008</b> , 15, 97-105	7	
7	A cationic cytofectin with long spacer mediates favourable transfection in transformed human epithelial cells. <i>International Journal of Pharmaceutics</i> , <b>2006</b> , 309, 189-98	6.5	15
6	Lipoplexes with biotinylated transferrin accessories: novel, targeted, serum-tolerant gene carriers. <i>International Journal of Pharmaceutics</i> , <b>2006</b> , 321, 124-37	6.5	12



5	Thermodynamic Properties of Alanylpeptide Buffer Systems and Their Potential as Standards in Biological Applications. <i>Journal of Solution Chemistry</i> , <b>2003</b> , 32, 435-450	1.8	
4	Targeted gene delivery into HepG2 cells using complexes containing DNA, cationized asialoorosomuroid and activated cationic liposomes. <i>Journal of Controlled Release</i> , <b>2003</b> , 92, 383-94	11.7	43
3	Receptor-mediated gene delivery to HepG2 cells by ternary assemblies containing cationic liposomes and cationized asialoorosomuroid. <i>Drug Delivery</i> , <b>2001</b> , 8, 29-34	7	31
2	Lipoplex-mediated stable gene transfer into HeLa cells. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2001</b> , 20, 889-91	1.4	3
1	Synthesis, molecular docking and anticancer activity of 5,5Q(phenylmethylene)bis(6-amino-2-thiouracil) derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1-9	1	1