

Marcelo J Kogan

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

3,306
citations

186254

28
h-index

149686

56
g-index

70
all docs

70
docs citations

70
times ranked

4814
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioaccumulation and toxicity of gold nanoparticles after repeated administration in mice. <i>Biochemical and Biophysical Research Communications</i> , 2010, 393, 649-655.	2.1	506
2	Nanoparticle-Mediated Local and Remote Manipulation of Protein Aggregation. <i>Nano Letters</i> , 2006, 6, 110-115.	9.1	305
3	Delivery of gold nanoparticles to the brain by conjugation with a peptide that recognizes the transferrin receptor. <i>Biomaterials</i> , 2012, 33, 7194-7205.	11.4	220
4	Mechanistic aspects of CPP-mediated intracellular drug delivery: Relevance of CPP self-assembly. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2006, 1758, 264-279.	2.6	198
5	Peptides and metallic nanoparticles for biomedical applications. <i>Nanomedicine</i> , 2007, 2, 287-306.	3.3	129
6	<p>Capping gold nanoparticles with albumin to improve their biomedical properties</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 6387-6406.	6.7	119
7	How Changes in the Sequence of the Peptide CLPFFD-NH₂ Can Modify the Conjugation and Stability of Gold Nanoparticles and Their Affinity for Î²-Amyloid Fibrils. <i>Bioconjugate Chemistry</i> , 2008, 19, 1154-1163.	3.6	114
8	Improving the brain delivery of gold nanoparticles by conjugation with an amphipathic peptide. <i>Nanomedicine</i> , 2010, 5, 897-913.	3.3	103
9	Synthesis and In Vivo Evaluation of the Biodistribution of a ¹⁸F-Labeled Conjugate Gold-Nanoparticle-Peptide with Potential Biomedical Application. <i>Bioconjugate Chemistry</i> , 2012, 23, 399-408.	3.6	100
10	Gold Nanoparticles and Microwave Irradiation Inhibit Beta-Amyloid Amyloidogenesis. <i>Nanoscale Research Letters</i> , 2008, 3, .	5.7	75
11	Conjugation of Kahalalide F with Gold Nanoparticles to Enhance in Vitro Antitumoral Activity. <i>Bioconjugate Chemistry</i> , 2009, 20, 138-146.	3.6	71
12	Multifunctionalized Gold Nanoparticles with Peptides Targeted to Gastrin-Releasing Peptide Receptor of a Tumor Cell Line. <i>Bioconjugate Chemistry</i> , 2010, 21, 1070-1078.	3.6	70
13	Gold nanoparticle based double-labeling of melanoma extracellular vesicles to determine the specificity of uptake by cells and preferential accumulation in small metastatic lung tumors. <i>Journal of Nanobiotechnology</i> , 2020, 18, 20.	9.1	68
14	Stable Conjugates of Peptides with Gold Nanorods for Biomedical Applications with Reduced Effects on Cell Viability. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 4076-4085.	8.0	67
15	Photothermal conversion efficiency and cytotoxic effect of gold nanorods stabilized with chitosan, alginate and poly(vinyl alcohol). <i>Materials Science and Engineering C</i> , 2017, 77, 583-593.	7.3	64
16	The effects of gold nanoparticles functionalized with ÅŸ -amyloid specific peptides on an in vitro model of bloodâ€™brain barrier. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1645-1652.	3.3	64
17	Peptides and proteins used to enhance gold nanoparticle delivery to the brain: preclinical approaches. <i>International Journal of Nanomedicine</i> , 2015, 10, 4919.	6.7	62
18	Curcumin-loaded nanoemulsion: a new safe and effective formulation to prevent tumor reincidence and metastasis. <i>Nanoscale</i> , 2018, 10, 22612-22622.	5.6	62

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19	Peptide multifunctionalized gold nanorods decrease toxicity of β -amyloid peptide in a <i>Caenorhabditis elegans</i> model of Alzheimer's disease. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2341-2350.	3.3	60
20	Gold nanoparticles for photothermally controlled drug release. <i>Nanomedicine</i> , 2014, 9, 2023-2039.	3.3	45
21	Gold nanostructures: synthesis, properties, and neurological applications. <i>Chemical Society Reviews</i> , 2022, 51, 2601-2680.	38.1	43
22	Cyclodextrin-Modified Nanomaterials for Drug Delivery: Classification and Advances in Controlled Release and Bioavailability. <i>Pharmaceutics</i> , 2021, 13, 2131.	4.5	43
23	Structural and functional identification of vasculogenic mimicry in vitro. <i>Scientific Reports</i> , 2017, 7, 6985.	3.3	42
24	Gold Nanoparticles Interacting with β -Cyclodextrin-Phenylethylamine Inclusion Complex: A Ternary System for Photothermal Drug Release. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 15177-15188.	8.0	41
25	Intranasal delivery of mesenchymal stem cell-derived exosomes reduces oxidative stress and markedly inhibits ethanol consumption and post-deprivation relapse drinking. <i>Addiction Biology</i> , 2019, 24, 994-1007.	2.6	41
26	Functionalization of stable fluorescent nanodiamonds towards reliable detection of biomarkers for Alzheimer's disease. <i>Journal of Nanobiotechnology</i> , 2018, 16, 60.	9.1	32
27	Exploiting the Natural Properties of Extracellular Vesicles in Targeted Delivery towards Specific Cells and Tissues. <i>Pharmaceutics</i> , 2020, 12, 1022.	4.5	31
28	Microfluidics-assisted conjugation of chitosan-coated polymeric nanoparticles with antibodies: Significance in drug release, uptake, and cytotoxicity in breast cancer cells. <i>Journal of Colloid and Interface Science</i> , 2021, 591, 440-450.	9.4	31
29	Gold Nanoparticles Mediate Improved Detection of β -amyloid Aggregates by Fluorescence. <i>Nanomaterials</i> , 2020, 10, 690.	4.1	28
30	The Influence of Size and Chemical Composition of Silver and Gold Nanoparticles on in vivo Toxicity with Potential Applications to Central Nervous System Diseases. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 2187-2201.	6.7	26
31	Construction of 6-thioguanine and 6-mercaptopurine carriers based on β -cyclodextrins and gold nanoparticles. <i>Carbohydrate Polymers</i> , 2017, 177, 22-31.	10.2	25
32	CLPFFD-PEG functionalized NIR-absorbing hollow gold nanospheres and gold nanorods inhibit β -amyloid aggregation. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2432-2443.	5.8	23
33	Intranasal administration of gold nanoparticles designed to target the central nervous system: Fabrication and comparison between nanospheres and nanoprisms. <i>International Journal of Pharmaceutics</i> , 2020, 590, 119957.	5.2	19
34	Plasmonic Nanoparticles as Optical Sensing Probes for the Detection of Alzheimer's Disease. <i>Sensors</i> , 2021, 21, 2067.	3.8	19
35	Photothermally Controlled Methotrexate Release System Using β -Cyclodextrin and Gold Nanoparticles. <i>Nanomaterials</i> , 2018, 8, 985.	4.1	18
36	Flow Chemistry to Control the Synthesis of Nano and Microparticles for Biomedical Applications. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 676-689.	2.1	18

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37	Encapsulation of Gold Nanostructures and Oil-in-Water Nanocarriers in Microgels with Biomedical Potential. <i>Molecules</i> , 2018, 23, 1208.	3.8	16
38	Adsorption of bovine serum albumin on gold nanoprisms: interaction and effect of NIR irradiation on protein corona. <i>Journal of Materials Chemistry B</i> , 2020, 8, 8644-8657.	5.8	16
39	Functionalization of Gold Nanostars with Cationic β -Cyclodextrin-Based Polymer for Drug Co-Loading and SERS Monitoring. <i>Pharmaceutics</i> , 2021, 13, 261.	4.5	15
40	The case for aflatoxins in the causal chain of gallbladder cancer. <i>Medical Hypotheses</i> , 2016, 86, 47-52.	1.5	14
41	Cyclodextrin Nanosponges Inclusion Compounds Associated with Gold Nanoparticles for Potential Application in the Photothermal Release of Melphalan and Cytosine. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6446.	4.1	14
42	<i>In vivo</i> micro computed tomography detection and decrease in amyloid load by using multifunctionalized gold nanorods: a neurotheranostic platform for Alzheimer's disease. <i>Biomaterials Science</i> , 2021, 9, 4178-4190.	5.4	14
43	Biomimetic quantum dot-labeled B16F10 murine melanoma cells as a tool to monitor early steps of lung metastasis by <i>in vivo</i> imaging. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 6391-6412.	6.7	13
44	Improving Cell Penetration of Gold Nanorods by Using an Amphipathic Arginine Rich Peptide. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 1837-1851.	6.7	13
45	Functionalization with PEG/Angiopep-2 peptide to improve the delivery of gold nanoprisms to central nervous system: <i>in vitro</i> and <i>in vivo</i> studies. <i>Materials Science and Engineering C</i> , 2021, 121, 111785.	7.3	13
46	Extracellular Vesicles as Mediators of Cancer Disease and as Nanosystems in Theranostic Applications. <i>Cancers</i> , 2021, 13, 3324.	3.7	13
47	The antinociceptive effect of resveratrol in bone cancer pain is inhibited by the Silent Information Regulator 1 inhibitor selisistat. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 816-825.	2.4	12
48	Oligoarginine Peptide Conjugated to BSA Improves Cell Penetration of Gold Nanorods and Nanoprisms for Biomedical Applications. <i>Pharmaceutics</i> , 2021, 13, 1204.	4.5	12
49	Exploring the influence of Diels-Alder linker length on photothermal molecule release from gold nanorods. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 166, 323-329.	5.0	11
50	Gold nanorods/siRNA complex administration for knockdown of PARP-1: a potential treatment for perinatal asphyxia. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 6839-6854.	6.7	11
51	Peptide functionalized magneto-plasmonic nanoparticles obtained by microfluidics for inhibition of β -amyloid aggregation. <i>Journal of Materials Chemistry B</i> , 2018, 6, 5091-5099.	5.8	11
52	Interaction of the CLPFFD peptide with gold nanospheres. A Raman, surface enhanced Raman scattering and theoretical study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 134, 251-256.	3.9	10
53	The Ethyl Acetate Extract of Leaves of <i>Ugni molinae</i> Turcz. Improves Neuropathological Hallmarks of Alzheimer's Disease in Female APP ^{swe} /PS1 ^{dE9} Mice Fed with a High Fat Diet. <i>Journal of Alzheimer's Disease</i> , 2018, 66, 1175-1191.	2.6	10
54	NIR and glutathione trigger the surface release of methotrexate linked by Diels-Alder adducts to anisotropic gold nanoparticles. <i>Materials Science and Engineering C</i> , 2021, 131, 112512.	7.3	10

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55	In Situ Visualization of the Local Photothermal Effect Produced on β -Cyclodextrin Inclusion Compound Associated with Gold Nanoparticles. <i>Nanoscale Research Letters</i> , 2016, 11, 180.	5.7	9
56	Formation of Copper Nanoparticles Supported onto Inclusion Compounds of β -cyclodextrin: A New Route to Obtain Copper Nanoparticles. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 521, 246-252.	0.9	8
57	HAI Peptide and Backbone Analogs Validation and Enhancement of Biostability and Bioactivity of BBB Shuttles. <i>Scientific Reports</i> , 2018, 8, 17932.	3.3	8
58	Gold nanoparticles as tracking devices to shed light on the role of caveolin-1 in early stages of melanoma metastasis. <i>Nanomedicine</i> , 2018, 13, 1447-1462.	3.3	8
59	Poly- μ -caprolactone Nanoparticles Loaded with 4-Nerolidylcatechol (4-NC) for Growth Inhibition of <i>Microsporium canis</i> . <i>Antibiotics</i> , 2020, 9, 894.	3.7	8
60	Light-induced release of the cardioprotective peptide angiotensin-(1-9) from thermosensitive liposomes with gold nanoclusters. <i>Journal of Controlled Release</i> , 2020, 328, 859-872.	9.9	8
61	The curvature of gold nanoparticles influences the exposure of amyloid- β and modulates its aggregation process. <i>Materials Science and Engineering C</i> , 2021, 128, 112269.	7.3	8
62	Organic and Inorganic Nanoparticles for Prevention and Diagnosis of Gastric Cancer. <i>Current Pharmaceutical Design</i> , 2015, 21, 4145-4154.	1.9	8
63	Evidence of the Disassembly of β -Cyclodextrin-octylamine Inclusion Compounds Conjugated to Gold Nanoparticles via Thermal and Photothermal Effects. <i>Molecules</i> , 2016, 21, 1444.	3.8	7
64	The Combined Use of Gold Nanoparticles and Infrared Radiation Enables Cytosolic Protein Delivery. <i>Chemistry - A European Journal</i> , 2021, 27, 4670-4675.	3.3	6
65	Study of the interaction of folic acid-modified gold nanorods and fibrinogen through microfluidics: implications for protein adsorption, incorporation and viability of cancer cells. <i>Nanoscale</i> , 2021, 13, 17807-17821.	5.6	4
66	Nanoparticle-Mediated Angiotensin-(1-9) Drug Delivery for the Treatment of Cardiac Hypertrophy. <i>Pharmaceutics</i> , 2021, 13, 822.	4.5	4
67	Surface enhanced fluorescence effect improves the in vivo detection of amyloid aggregates. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 44, 102569.	3.3	4
68	Inhibition of β -amyloid Aggregation of <i>Ugni molinae</i> Extracts. <i>Current Pharmaceutical Design</i> , 2020, 26, 1365-1376.	1.9	3
69	Enhanced Cellular Uptake of H-Chain Human Ferritin Containing Gold Nanoparticles. <i>Pharmaceutics</i> , 2021, 13, 1966.	4.5	3
70	Peptide Targeted Gold Nanoplatform Carrying miR-145 Induces Antitumoral Effects in Ovarian Cancer Cells. <i>Pharmaceutics</i> , 2022, 14, 958.	4.5	0