Marcelo J Kogan

List of Publications by Citations

68 papers	2,460 citations	23 h-index	49 g-index
70 ext. papers	2,874 ext. citations	7 avg, IF	4.82 L-index

#	Paper	IF	Citations
68	Bioaccumulation and toxicity of gold nanoparticles after repeated administration in mice. *Biochemical and Biophysical Research Communications*, **2010**, 393, 649-55	3.4	435
67	Nanoparticle-mediated local and remote manipulation of protein aggregation. *Nano Letters*, **2006**, 6, 110-5	11.5	256
66	Delivery of gold nanoparticles to the brain by conjugation with a peptide that recognizes the transferrin receptor. *Biomaterials*, **2012**, 33, 7194-205	15.6	183
65	Mechanistic aspects of CPP-mediated intracellular drug delivery: relevance of CPP self-assembly. *Biochimica Et Biophysica Acta - Biomembranes*, **2006**, 1758, 264-79	3.8	169
64	Peptides and metallic nanoparticles for biomedical applications. *Nanomedicine*, **2007**, 2, 287-306	5.6	109
63	How changes in the sequence of the peptide CLPFFD-NH2 can modify the conjugation and stability of gold nanoparticles and their affinity for beta-amyloid fibrils. *Bioconjugate Chemistry*, **2008**, 19, 1154-63	6.3	102
62	Improving the brain delivery of gold nanoparticles by conjugation with an amphipathic peptide. *Nanomedicine*, **2010**, 5, 897-913	5.6	85
61	Synthesis and in vivo evaluation of the biodistribution of a 18F-labeled conjugate gold-nanoparticle-peptide with potential biomedical application. *Bioconjugate Chemistry*, **2012**, 23, 399-408	6.3	82
60	Conjugation of Kahalalide F with gold nanoparticles to enhance in vitro antitumoral activity. *Bioconjugate Chemistry*, **2009**, 20, 138-46	6.3	67
59	Gold Nanoparticles and Microwave Irradiation Inhibit Beta-Amyloid Amyloidogenesis. *Nanoscale Research Letters*, **2008**, 3, 435-443	5	64
58	Capping gold nanoparticles with albumin to improve their biomedical properties. *International Journal of Nanomedicine*, **2019**, 14, 6387-6406	7.3	62
57	Multifunctionalized gold nanoparticles with peptides targeted to gastrin-releasing peptide receptor of a tumor cell line. *Bioconjugate Chemistry*, **2010**, 21, 1070-8	6.3	60
56	Stable conjugates of peptides with gold nanorods for biomedical applications with reduced effects on cell viability. *ACS Applied Materials & Interfaces*, **2013**, 5, 4076-85	9.5	59
55	The effects of gold nanoparticles functionalized with □amyloid specific peptides on an in vitro model of blood-brain barrier. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2017**, 13, 1645-1652	6	49
54	Peptides and proteins used to enhance gold nanoparticle delivery to the brain: preclinical approaches. *International Journal of Nanomedicine*, **2015**, 10, 4919-36	7.3	48
53	Curcumin-loaded nanoemulsion: a new safe and effective formulation to prevent tumor reincidence and metastasis. *Nanoscale*, **2018**, 10, 22612-22622	7.7	48
52	Peptide multifunctionalized gold nanorods decrease toxicity of □amyloid peptide in a Caenorhabditis elegans model of Alzheimer\'s disease. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2017**, 13, 2341-2350	6	44

51	Photothermal conversion efficiency and cytotoxic effect of gold nanorods stabilized with chitosan, alginate and poly(vinyl alcohol). *Materials Science and Engineering C*, **2017**, 77, 583-593	8.3	41
50	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. *Journal of Nanobiotechnology*, **2020**, 18, 20	9.4	34
49	Gold nanoparticles interacting with β-cyclodextrin-phenylethylamine inclusion complex: a ternary system for photothermal drug release. *ACS Applied Materials & Interfaces*, **2015**, 7, 15177-88	9.5	33
48	Gold nanoparticles for photothermally controlled drug release. *Nanomedicine*, **2014**, 9, 2023-39	5.6	32
47	Structural and functional identification of vasculogenic mimicry in vitro. *Scientific Reports*, **2017**, 7, 6985	4.9	29
46	Intranasal delivery of mesenchymal stem cell-derived exosomes reduces oxidative stress and markedly inhibits ethanol consumption and post-deprivation relapse drinking. *Addiction Biology*, **2019**, 24, 994-1007	4.6	28
45	Functionalization of stable fluorescent nanodiamonds towards reliable detection of biomarkers for Alzheimer's disease. *Journal of Nanobiotechnology*, **2018**, 16, 60	9.4	22
44	Construction of 6-thioguanine and 6-mercaptopurine carriers based on β-cyclodextrins and gold nanoparticles. *Carbohydrate Polymers*, **2017**, 177, 22-31	10.3	20
43	CLPFFD-PEG functionalized NIR-absorbing hollow gold nanospheres and gold nanorods inhibit β-amyloid aggregation. *Journal of Materials Chemistry B*, **2018**, 6, 2432-2443	7.3	16
42	Flow chemistry to control the synthesis of nano and microparticles for biomedical applications. *Current Topics in Medicinal Chemistry*, **2014**, 14, 676-89	3	16
41	Microfluidics-assisted conjugation of chitosan-coated polymeric nanoparticles with antibodies: Significance in drug release, uptake, and cytotoxicity in breast cancer cells. *Journal of Colloid and Interface Science*, **2021**, 591, 440-450	9.3	15
40	Gold Nanoparticles Mediate Improved Detection of β-amyloid Aggregates by Fluorescence. *Nanomaterials*, **2020**, 10,	5.4	15
39	Encapsulation of Gold Nanostructures and Oil-in-Water Nanocarriers in Microgels with Biomedical Potential. *Molecules*, **2018**, 23,	4.8	14
38	Exploiting the Natural Properties of Extracellular Vesicles in Targeted Delivery towards Specific Cells and Tissues. *Pharmaceutics*, **2020**, 12,	6.4	14
37	The case for aflatoxins in the causal chain of gallbladder cancer. *Medical Hypotheses*, **2016**, 86, 47-52	3.8	12
36	Interaction of the CLPFFD peptide with gold nanospheres. A Raman, surface enhanced Raman scattering and theoretical study. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2015**, 134, 251-6	4.4	10
35	The antinociceptive effect of resveratrol in bone cancer pain is inhibited by the Silent Information Regulator 1 inhibitor selisistat. *Journal of Pharmacy and Pharmacology*, **2019**, 71, 816-825	4.8	10
34	Photothermally Controlled Methotrexate Release System Using β-Cyclodextrin and Gold Nanoparticles. *Nanomaterials*, **2018**, 8,	5.4	10

33	Improving Cell Penetration of Gold Nanorods by Using an Amphipathic Arginine Rich Peptide. *International Journal of Nanomedicine*, **2020**, 15, 1837-1851	7.3	9
32	Exploring the influence of Diels-Alder linker length on photothermal molecule release from gold nanorods. *Colloids and Surfaces B: Biointerfaces*, **2018**, 166, 323-329	6	9
31	Cyclodextrin-Modified Nanomaterials for Drug Delivery: Classification and Advances in Controlled Release and Bioavailability.. *Pharmaceutics*, **2021**, 13,	6.4	9
30	Peptide functionalized magneto-plasmonic nanoparticles obtained by microfluidics for inhibition of β-amyloid aggregation. *Journal of Materials Chemistry B*, **2018**, 6, 5091-5099	7.3	8
29	Formation of Copper Nanoparticles Supported onto Inclusion Compounds of β-Cyclodextrin: A New Route to Obtain Copper Nanoparticles. *Molecular Crystals and Liquid Crystals*, **2010**, 521, 246-252	0.5	8
28	The Influence of Size and Chemical Composition of Silver and Gold Nanoparticles on in vivo Toxicity with Potential Applications to Central Nervous System Diseases. *International Journal of Nanomedicine*, **2021**, 16, 2187-2201	7.3	8
27	Gold nanorods/siRNA complex administration for knockdown of PARP-1: a potential treatment for perinatal asphyxia. *International Journal of Nanomedicine*, **2018**, 13, 6839-6854	7.3	8
26	Biomimetic quantum dot-labeled B16F10 murine melanoma cells as a tool to monitor early steps of lung metastasis by in vivo imaging. *International Journal of Nanomedicine*, **2018**, 13, 6391-6412	7.3	8
25	Intranasal administration of gold nanoparticles designed to target the central nervous system: Fabrication and comparison between nanospheres and nanoprisms. *International Journal of Pharmaceutics*, **2020**, 590, 119957	6.5	7
24	Adsorption of bovine serum albumin on gold nanoprisms: interaction and effect of NIR irradiation on protein corona. *Journal of Materials Chemistry B*, **2020**, 8, 8644-8657	7.3	7
23	The Ethyl Acetate Extract of Leaves of Ugni molinae Turcz. Improves Neuropathological Hallmarks of Alzheimer's Disease in Female APPswe/PS1dE9 Mice Fed with a High Fat Diet. *Journal of Alzheimer's Disease*, **2018**, 66, 1175-1191	4.3	7
22	Gold nanoparticles as tracking devices to shed light on the role of caveolin-1 in early stages of melanoma metastasis. *Nanomedicine*, **2018**, 13, 1447-1462	5.6	7
21	Gold nanostructures: synthesis, properties, and neurological applications.. *Chemical Society Reviews* , **2022**,	58.5	7
20	In Situ Visualization of the Local Photothermal Effect Produced on β-Cyclodextrin Inclusion Compound Associated with Gold Nanoparticles. *Nanoscale Research Letters*, **2016**, 11, 180	5	6
19	Functionalization with PEG/Angiopep-2 peptide to improve the delivery of gold nanoprisms to central nervous system: in vitro and in vivo studies. *Materials Science and Engineering C*, **2021**, 121, 111785	8.3	6
18	Functionalization of Gold Nanostars with Cationic β-Cyclodextrin-Based Polymer for Drug Co-Loading and SERS Monitoring. *Pharmaceutics*, **2021**, 13,	6.4	6
17	Organic and Inorganic Nanoparticles for Prevention and Diagnosis of Gastric Cancer. *Current Pharmaceutical Design*, **2015**, 21, 4145-54	3.3	5
16	Evidence of the Disassembly of β-Cyclodextrin-octylamine Inclusion Compounds Conjugated to Gold Nanoparticles via Thermal and Photothermal Effects. *Molecules*, **2016**, 21,	4.8	5

15	HAI Peptide and Backbone Analogs-Validation and Enhancement of Biostability and Bioactivity of BBB Shuttles. *Scientific Reports*, **2018**, 8, 17932	4.9	4
14	Extracellular Vesicles as Mediators of Cancer Disease and as Nanosystems in Theranostic Applications. *Cancers*, **2021**, 13,	6.6	4
13	In vivo micro computed tomography detection and decrease in amyloid load by using multifunctionalized gold nanorods: a neurotheranostic platform for Alzheimer's disease. *Biomaterials Science*, **2021**, 9, 4178-4190	7.4	4
12	NIR and glutathione trigger the surface release of methotrexate linked by Diels-Alder adducts to anisotropic gold nanoparticles. *Materials Science and Engineering C*, **2021**, 131, 112512	8.3	3
11	Poly-caprolactone Nanoparticles Loaded with 4-Nerolidylcatechol (4-NC) for Growth Inhibition of. *Antibiotics*, **2020**, 9,	4.9	3
10	Plasmonic Nanoparticles as Optical Sensing Probes for the Detection of Alzheimer's Disease. *Sensors*, **2021**, 21,	3.8	3
9	Cyclodextrin Nanosponges Inclusion Compounds Associated with Gold Nanoparticles for Potential Application in the Photothermal Release of Melphalan and Cytoxan. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
8	The Combined Use of Gold Nanoparticles and Infrared Radiation Enables Cytosolic Protein Delivery. *Chemistry - A European Journal*, **2021**, 27, 4670-4675	4.8	3
7	The curvature of gold nanoparticles influences the exposure of amyloid- and modulates its aggregation process. *Materials Science and Engineering C*, **2021**, 128, 112269	8.3	3
6	Light-induced release of the cardioprotective peptide angiotensin-(1-9) from thermosensitive liposomes with gold nanoclusters. *Journal of Controlled Release*, **2020**, 328, 859-872	11.7	2
5	Oligoarginine Peptide Conjugated to BSA Improves Cell Penetration of Gold Nanorods and Nanoprisms for Biomedical Applications. *Pharmaceutics*, **2021**, 13,	6.4	2
4	Inhibition of amyloid Aggregation of Ugni molinae Extracts. *Current Pharmaceutical Design*, **2020**, 26, 1365-1376	3.3	1
3	Study of the interaction of folic acid-modified gold nanorods and fibrinogen through microfluidics: implications for protein adsorption, incorporation and viability of cancer cells. *Nanoscale*, **2021**, 13, 17807-17821	7.7	1
2	Peptide Targeted Gold Nanoplatform Carrying miR-145 Induces Antitumoral Effects in Ovarian Cancer Cells. *Pharmaceutics*, **2022**, 14, 958	6.4	
1	Surface enhanced fluorescence effect improves the in vivo detection of amyloid aggregates. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2022**, 102569	6	