Majad Khan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10292659/publications.pdf

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23 papers	1,056 citations	516710 16 h-index	677142 22 g-index
23 all docs	23 docs citations	23 times ranked	1912 citing authors

#	Article	IF	Citations
1	Advanced Materials for Coâ€Delivery of Drugs and Genes in Cancer Therapy. Advanced Healthcare Materials, 2012, 1, 373-392.	7.6	123
2	Hyperbranched Polyglycidol on Si/SiO2Surfaces via Surface-Initiated Polymerization. Macromolecules, 2003, 36, 5088-5093.	4.8	104
3	Cationic micelles self-assembled from cholesterol-conjugated oligopeptides as an efficient gene delivery vector. Biomaterials, 2008, 29, 4838-4846.	11.4	89
4	Supramolecular nanoparticle carriers self-assembled from cyclodextrin- and adamantane-functionalized polyacrylates for tumor-targeted drug delivery. Journal of Materials Chemistry B, 2014, 2, 1879.	5.8	73
5	Enhanced Antimicrobial Activity of Biofunctionalized Zirconia Nanoparticles. ACS Omega, 2020, 5, 1987-1996.	3.5	71
6	Antimicrobial/Antifouling Polycarbonate Coatings: Role of Block Copolymer Architecture. Macromolecules, 2015, 48, 1055-1064.	4.8	68
7	Selfâ€assembled Cationic Peptide Nanoparticles Capable of Inducing Efficient Gene Expression In Vitro. Advanced Functional Materials, 2008, 18, 943-951.	14.9	67
8	Rationally Designed Î±â€Helical Broadâ€Spectrum Antimicrobial Peptides with Idealized Facial Amphiphilicity. Macromolecular Rapid Communications, 2013, 34, 74-80.	3.9	66
9	The effect of thiol functional group incorporation into cationic helical peptides on antimicrobial activities and spectra. Biomaterials, 2011, 32, 9100-9108.	11.4	63
10	Pt nanoparticle label-mediated deposition of Pt catalyst for ultrasensitive electrochemical immunosensors. Biosensors and Bioelectronics, 2010, 26, 418-423.	10.1	62
11	Delivery of reprogramming factors into fibroblasts for generation of non-genetic induced pluripotent stem cells using a cationic bolaamphiphile as a non-viral vector. Biomaterials, 2013, 34, 5336-5343.	11.4	48
12	Nanostructured PEG-based hydrogels with tunable physical properties for gene delivery to human mesenchymal stem cells. Biomaterials, 2012, 33, 6533-6541.	11.4	47
13	Diaminododecane-based cationic bolaamphiphile as a non-viral gene delivery carrier. Biomaterials, 2012, 33, 4673-4680.	11.4	44
14	Antimicrobial coatings against biofilm formation: the unexpected balance between antifouling and bactericidal behavior. Polymer Chemistry, 2016, 7, 656-668.	3.9	44
15	Nobleâ€Metalâ€Free Colloidalâ€Copper Based Low Overpotential Water Oxidation Electrocatalyst. ChemCatChem, 2019, 11, 6022-6030.	3.7	22
16	Oligomerized alpha-helical KALA peptides with pendant arms bearing cell-adhesion, DNA-binding and endosome-buffering domains as efficient gene transfection vectors. Biomaterials, 2012, 33, 6284-6291.	11.4	20
17	Optical Chemical Sensing of Iodide Ions: A Comprehensive Review for the Synthetic Strategies of Iodide Sensing Probes, Challenges, and Future Aspects. Chemical Record, 2022, 22, e202200059.	5.8	13
18	Complexes for Efficient Gene Transfection. Macromolecular Rapid Communications, 2010, 31, 1142-1147.	3.9	10

#	Article	IF	Citations
19	Enhanced Filtration Characteristics and Reduced Bacterial Attachment for Reverse Osmosis Membranes Modified by a Facile Method. ACS ES&T Water, 2021, 1, 1136-1144.	4.6	9
20	Branched Disulfide-Based Polyamidoamines Capable of Mediating High Gene Transfection. Current Pharmaceutical Design, 2010, 16, 2341-2349.	1.9	7
21	Engineered Nanoscale Singleâ€Metalâ€Oxides Catalytic Thin Films for Highâ€Performance Water Oxidation. Energy Technology, 2021, 9, 2000896.	3.8	5
22	CATIONIC BOLAAMPHIPHILES FOR GENE DELIVERY. Cosmos, 2014, 10, 25-38.	0.4	1
23	Sensitization of Cancer Cells via Non-Viral Delivery of Apoptosis Inducing Proteins Using a Cationic Bolaamphiphile. Biotechnology Journal, 2019, 14, 1800020.	3.5	0