Mohammad Reza Vakili

List of Publications by Year
in descending order

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26	525	567281 15	642732 23
papers	citations	h-index	g-index

26	26	26	1037
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mitochondrial Targeted Doxorubicin-Triphenylphosphonium Delivered by Hyaluronic Acid Modified and pH Responsive Nanocarriers to Breast Tumor: in Vitro and in Vivo Studies. Molecular Pharmaceutics, 2018, 15, 882-891.	4.6	57
2	Polymeric micelles for GSH-triggered delivery of arsenic species to cancer cells. Biomaterials, 2014, 35, 7088-7100.	11.4	47
3	Rational design of block copolymer micelles to control burst drug release at a nanoscale dimension. Acta Biomaterialia, 2015, 24, 127-139.	8.3	40
4	Delivery of mitochondriotropic doxorubicin derivatives using self-assembling hyaluronic acid nanocarriers in doxorubicin-resistant breast cancer. Acta Pharmacologica Sinica, 2018, 39, 1681-1692.	6.1	38
5	Development of mucoadhesive hydrogels based on polyacrylic acid grafted cellulose nanocrystals for local cisplatin delivery. Carbohydrate Polymers, 2021, 255, 117332.	10.2	36
6	Elevated mitochondrial activity distinguishes fibrogenic hepatic stellate cells and sensitizes for selective inhibition by mitotropic doxorubicin. Journal of Cellular and Molecular Medicine, 2018, 22, 2210-2219.	3.6	27
7	Synthesis and Analysis of ⁶⁴Cu-Labeled GE11-Modified Polymeric Micellar Nanoparticles for EGFR-Targeted Molecular Imaging in a Colorectal Cancer Model. Molecular Pharmaceutics, 2020, 17, 1470-1481.	4.6	27
8	Polymeric micelles based on poly(ethylene oxide) and Î±-carbon substituted poly(É›-caprolactone): An in vitro study on the effect of core forming block on polymeric micellar stability, biocompatibility, and immunogenicity. Colloids and Surfaces B: Biointerfaces, 2015, 132, 161-170.	5.0	26
9	Decoration of Anti-CD38 on Nanoparticles Carrying a STAT3 Inhibitor Can Improve the Therapeutic Efficacy Against Myeloma. Cancers, 2019, 11, 248.	3.7	26
10	Self-Associating Poly(ethylene oxide)-block-poly(Î±-carboxyl-Îµ-caprolactone) Drug Conjugates for the Delivery of STAT3 Inhibitor JSI-124: Potential Application in Cancer Immunotherapy. Molecular Pharmaceutics, 2017, 14, 2570-2584.	4.6	25
11	Block Copolymer Stereoregularity and Its Impact on Polymeric Micellar Nanodrug Delivery. Molecular Pharmaceutics, 2017, 14, 2487-2502.	4.6	22
12	Thermoreversible hydrogels based on triblock copolymers of poly(ethylene glycol) and carboxyl functionalized poly(Îµ-caprolactone): The effect of carboxyl group substitution on the transition temperature and biocompatibility in plasma. Acta Biomaterialia, 2015, 12, 81-92.	8.3	20
13	Treatment of endotoxin-induced uveitis by topical application of cyclosporine a-loaded PolyGelâ„¢ in rabbit eyes. International Journal of Pharmaceutics, 2019, 569, 118573.	5.2	19
14	Terpolymer Micelles for the Delivery of Arsenic to Breast Cancer Cells: The Effect of Chain Sequence on Polymeric Micellar Characteristics and Cancer Cell Uptake. Molecular Pharmaceutics, 2016, 13, 4021-4033.	4.6	17
15	Polymeric micelles for MCL-1 gene silencing in breast tumors following systemic administration. Nanomedicine, 2016, 11, 2319-2339.	3.3	16
16	Modulation of Hypoxia-Induced Chemoresistance to Polymeric Micellar Cisplatin: The Effect of Ligand Modification of Micellar Carrier Versus Inhibition of the Mediators of Drug Resistance. Pharmaceutics, 2018, 10, 196.	4.5	15
17	Nanoencapsulation of Novel Inhibitors of PNKP for Selective Sensitization to Ionizing Radiation and Irinotecan and Induction of Synthetic Lethality. Molecular Pharmaceutics, 2018, 15, 2316-2326.	4.6	14
18	Polymeric Micelles for Apoptosis-Targeted Optical Imaging of Cancer and Intraoperative Surgical Guidance. PLoS ONE, 2014, 9, e89968.	2.5	13

#	Article	IF	Citations
19	Development of Self-Associating SN-38-Conjugated Poly(ethylene oxide)-Poly(ester) Micelles for Colorectal Cancer Therapy. Pharmaceutics, 2020, 12, 1033.	4.5	9
20	Reduced Heart Exposure of Diclofenac by Its Polymeric Micellar Formulation Normalizes CYP-Mediated Metabolism of Arachidonic Acid Imbalance in An Adjuvant Arthritis Rat Model: Implications in Reduced Cardiovascular Side Effects of Diclofenac by Nanodrug Delivery. Molecular Pharmaceutics, 2020, 17, 1377-1386.	4.6	9
21	Development of Traceable Rituximab-Modified PEO-Polyester Micelles by Postinsertion of PEG-phospholipids for Targeting of B-cell Lymphoma. ACS Omega, 2019, 4, 18867-18879.	3.5	5
22	Defining Role of a High-Molecular-Weight Population in Block Copolymers Based on Poly(Î±-benzyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Hydrogels. ACS Applied Polymer Materials, 2021, 3, 2608-2617.	4.4	5
23	Biodistribution and Activity of EGFR Targeted Polymeric Micelles Delivering a New Inhibitor of DNA Repair to Orthotopic Colorectal Cancer Xenografts with Metastasis. Molecular Pharmaceutics, 2022, 19, 1825-1838.	4.6	5
24	Effect of surface modification on ionic permeability across cellophane membrane. Journal of Applied Polymer Science, 2010, 118, 1-6.	2.6	4
25	Modification of regenerated cellulose membrane by impregnation of silver nanocrystal clusters. Journal of Applied Polymer Science, 2020, 137, 48292.	2.6	3
26	Synthesis and Characterization of Highly Soluble and Heat Stable New Poly(amide-ether)s Containing Pyridine Rings in the Main Chain. E-Polymers, 2008, 8, .	3.0	0