Arginyl-glycyl-aspartic acid (RGD) containing nanostructured lipid carrier co-loaded with doxorubicin and sildenafil citrate enhanced anti-cancer effects and overcomes drug resistance

DOI: 10.1016/j.procbio.2019.06.013
Process Biochemistry, 2019, 84, 172-179.

#	Paper	IF	Citations
19	Role of Nrf2 and mitochondria in cancer stem cells; in carcinogenesis, tumor progression, and chemoresistance. *Biochimie*, **2020**, 179, 32-45	4.6	19
18	Improvement of delivery and anticancer activity of doxorubicin by sildenafil citrate encapsulated with a new redox and pH-responsive nanogel. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2020**, 1-10	3	2
17	Intercalation and release of an anti-inflammatory drug into designed three-dimensionally layered double hydroxide nanostructure via calcination□reconstruction route. *Adsorption*, **2020**, 26, 835-842	2.6	7
16	Nanovehicles for co-delivery of anticancer agents. *Drug Discovery Today*, **2020**, 25, 1416-1430	8.8	21
15	A human chorionic gonadotropin (hCG) delivery platform using engineered uterine exosomes to improve endometrial receptivity. *Life Sciences*, **2021**, 275, 119351	6.8	10
14	The Potential Role of Sildenafil in Cancer Management through EPR Augmentation. *Journal of Personalized Medicine*, **2021**, 11,	3.6	5
13	Viability of Nanostructured Lipid Carrier System in Overcoming the Barriers Associated with Chemotherapeutic Delivery. *Current Nanoscience*, **2021**, 17,	1.4	0
12	Targeted nanostructured lipid carrier containing galangin as a promising adjuvant for improving cytotoxic effects of chemotherapeutic agents. *Naunyn-Schmiedeberg's Archives of Pharmacology*, **2021**, 394, 2353-2362	3.4	2
11	Sildenafil citrate-loaded targeted nanostructured lipid carrier enhances receptivity potential of endometrial cells via LIF and VEGF upregulation. *Naunyn-Schmiedeberg's Archives of Pharmacology*, **2021**, 394, 2323-2331	3.4	1
10	Sildenafil aggravates adriamycin-induced testicular toxicity in rats; a preliminary investigation.. *Drug and Chemical Toxicology*, **2021**, 1-7	2.3	
9	Nanostructured lipid carrier system: A compendium of their formulation development approaches, optimization strategies by quality by design, and recent applications in drug delivery. *Nanotechnology Reviews*, **2022**, 11, 1744-1777	6.3	3
8	Co-delivery of Interleukin-12 and doxorubicin loaded Nano-delivery system for enhanced immunotherapy with polarization toward M1-type Macrophages. *European Journal of Pharmaceutics and Biopharmaceutics*, **2022**, 177, 175-183	5.7	2
7	Poly(lactic-co-glycolic acid)(PLGA)-based nanoparticles modified with chitosan-folic acid to delivery of Artemisia vulgaris L. essential oil to HT-29 cancer cells. *Process Biochemistry*, **2022**, 121, 207-215	4.8	1
6	Multifunctional nanocomposite based on lactose@layered double hydroxide-hydroxyapatite as a pH-sensitive system for targeted delivery of doxorubicin to liver cancer cells. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2022**, 651, 129723	5.1	0
5	Cationic Okra gum coated nanoliposomes as a pH-sensitive carrier for co-delivery of hesperetin and oxaliplatin in colorectal cancers. 1-12		0
4	Nano based-oncolytic viruses for cancer therapy. **2023**, 185, 103980		0
3	Nanoparticle drug delivery systems for synergistic delivery of tumor therapy. 14,		0

2	Sirolimus- and cyclosporine-loaded nanostructured lipid carriers: Development, characterization, and in vitro evaluation in T-cell profiles of patients with a history of recurrent pregnancy loss. **2023**, 22,	0
1	RGD-engineered nanoparticles as an innovative drug delivery system in cancer therapy. **2023**, 84, 104562	0