

## Papers FOBI name on it

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160. Journal of Industrial and Engineering Chemistry, 2021, Drug-dye-apoptosis inducing micelles for enhancing host immunity against advanced metastatic breast cancer by the combination of low dose chemotherapy and photothermal therapy.
159. Journal of Materials Science & Technology, 2021, Mitochondria-targeting multi-metallic ZnCuO nanoparticles and IR780 for efficient photodynamic and photothermal cancer treatments.
158. Frontiers in Oncology, 2021, 11. Modulated electro-hyperthermia facilitates NK-cell infiltration and growth arrest of human A2058 melanoma in a xenograft model.
157. Journal of nanobiotechnology, 2021, 19.1: 1-18. Novel fusion peptide-mediated siRNA delivery using self-assembled nanocomplex.
156. Small, 2021, Immune Stimulating Antibody-Photosensitizer Conjugates via Fc-Mediated Dendritic Cell Phagocytosis and Phototriggered Immunogenic Cell Death for KRAS-Mutated Pancreatic Cancer Treatment.
155. Pathogens and Disease, 2021, Comparative study of sodium bicarbonate-and magnesium hydroxide-based gastric antacids for the effectiveness of Salmonella delivered Brucella antigens against wild type challenge in BALB/c mice.
154. ACS Applied Materials & Interfaces, 2021, Pre-and Post-Transcriptional Regulation of cFLIP for Effective Cancer Therapy Using pH-Ultrasensitive Nanoparticles.
153. Science Advances, 2021, B7-H3× 4-1BB bispecific antibody augments antitumor immunity by enhancing terminally differentiated CD8+ tumor-infiltrating lymphocytes.
152. Biomedical Engineering Letters, 2021, Biodistribution of poly clustered superparamagnetic iron oxide nanoparticle labeled mesenchymal stem cells in aminoglycoside induced ototoxic mouse model.
151. ACS Applied Materials & Interfaces, 2021, Serially pH-Modulated Hydrogels Based on Boronate Ester and Polydopamine Linkages for Local Cancer Therapy.
150. Biomacromolecules, 2020, Glycyrrhetic Acid-Modified Silicon Phthalocyanine for Liver Cancer-

Targeted Photodynamic Therapy.

149. ACS applied materials & interfaces, 2020, Cationic Nanoparticle-Mediated Activation of Natural Killer Cells for Effective Cancer Immunotherapy.

148. ACS Applied Materials & Interfaces, 2020, Macrophage-Membrane-Camouflaged Disintegrable and Excretable Nanoconstruct for Deep Tumor Penetration.

147. Biomacromolecules, 2020, Tumor-Targeting Liposomes with Transient Holes Allowing Intact Rituximab Internally.

146. ACS Applied Materials & Interfaces, 2020, Imaging and Targeted Antibacterial Therapy Using Chimeric Antimicrobial Peptide Micelles.

145. Autophagy, 2020, Enhanced viability and function of mesenchymal stromal cell spheroids is mediated via autophagy induction.

144. Scientific reports, 2020, 10.1: 1-15, Possible contribution of sialic acid to the enhanced tumor targeting efficiency of nanoparticles engineered with doxorubicin.

143. Biomedicines, 2020, 8.11: 492, Alendronate/cRGD-Decorated Ultrafine Hyaluronate Dot Targeting Bone Metastasis.

142 Biomedicines, 2020, 8.11: 476, Indocyanine Green and Methyl- $\beta$ -Cyclodextrin Complex for Enhanced Photothermal Cancer Therapy.

141. Bioconjugate Chemistry, 2020, Temporal Control of Efficient In Vivo Bioconjugation Using a Genetically Encoded Tetrazine-Mediated Inverse-Electron-Demand Diels–Alder Reaction.

140. Acta Biomaterialia, 2020, Application of elastin-like biopolymer-conjugated C-peptide hydrogel against diabetic aortic dysfunction for systemic long-term delivery.

139. Front. Phys. 2020, Ion Beam Stimulation Therapy With a Nanoradiator as a Site-Specific Prodrug.

138. Journal of Controlled Release, 2020, Manipulating immune system using nanoparticles for an effective cancer treatment: Combination of targeted therapy and checkpoint blockage miRNA.

137. International Journal of Biological Macromolecules, 2020, Monopotassium phosphate-reinforced in situ forming injectable hyaluronic acid hydrogels for subcutaneous injection.

136. *Acta Biomaterialia*, 2020, Colitis-targeted hybrid nanoparticles-in-microparticles system for the treatment of ulcerative colitis.
135. *Nanomaterials*, 2020, 10.9: 1732, Fluorescent, Prussian Blue-Based Biocompatible Nanoparticle System for Multimodal Imaging Contrast.
134. *Pharmaceutics*, 2020, 12.9: 839, An On-Demand pH-Sensitive Nanocluster for Cancer Treatment by Combining Photothermal Therapy and Chemotherapy.
133. *Artificial Cells, Nanomedicine, and Biotechnology*, 2020, 48.1: 1144-1152. Near-infra-red fluorescent chitosan oligosaccharide lactate for targeted cancer imaging and photothermal therapy.
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125. *Carbohydrate Polymers*, 2020, 116255, Glycol chitosan-based renal docking biopolymeric nanomicelles for site-specific delivery of the immunosuppressant.
124. *Nano-Micro Letters*, 2020, 12: 1-19, Artificial Nanoscale Erythrocytes from Clinically Relevant Compounds for Enhancing Cancer Immunotherapy.

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115. *Materials*, 2020, 13.14: 3070, In Vivo Imaging of Click-Crosslinked Hydrogel Depots Following Intratympanic Injection.
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113. *Journal of Membrane Science*, 2020, 597: 117778, Real-time monitoring the spatial distribution of organic fouling using fluorescence imaging technique.
112. *International Journal of Pharmaceutics*, 2020, 574: 118893, Acid-sensitive oxidative stress inducing and photoabsorbing polysaccharide nanoparticles for combinational anticancer therapy.

111. *Microbial pathogenesis*, 2020, 138: 103857, Enhancement of host infectivity, immunity, and protective efficacy by addition of sodium bicarbonate antacid to oral vaccine formulation of live attenuated *Salmonella* secreting *Brucella* antigens.

110. *Chemical Engineering Journal*, 2020, 383: 123177, Facile processing for instant production of clinically-approvable nanoagents for combination cancer therapy.

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107. *Journal of Controlled Release*, 2019, 315: 126-138, Reprogramming the T cell response to cancer by simultaneous, nanoparticle-mediated PD-L1 inhibition and immunogenic cell death.

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99. *Annals of Nuclear Medicine*, 2019, 1-11, A novel dual-modality imaging agent targeting folate receptor of tumor for molecular imaging and fluorescence-guided surgery.
98. *Environmental Health Perspectives*, 2019, CID: 077003, Use of a Mouse Model and Human Umbilical Vein Endothelial Cells to Investigate the Effect of Arsenic Exposure on Vascular Endothelial Function and the Associated Role of Calpains.
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92. *ACS Appl. Mater. Interfaces*, 2019, In Situ Oxygenic Nanopods Targeting Tumor Adaption to Hypoxia Potentiate Image-Guided Photothermal Therapy.
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89. *Journal of Controlled Release*, 2019, 304, 164-172, Thrombus targeting aspirin particles for near infrared imaging and on-demand therapy of thrombotic vascular diseases.
88. **Cell**, 2019, 176, 757-774, Regional Activation of Myosin II in Cancer Cells Drives Tumor Progression via a Secretary Cross-Talk with the Immune Microenvironment.

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