

Papers FOBI name on it

92. ACS Appl. Mater. Interfaces, 2019, In Situ Oxygenic Nanopods Targeting Tumor Adaption to Hypoxia Potentiate Image-Guided Photothermal Therapy.

91. Pharmaceutics, 2019, 11, 192, Comparison of Salbutamol Delivery Efficiency for Jet versus Mesh Nebulizer Using Mice.

90. Biomaterials, 2019, 209, 67-78, Significantly enhanced recovery of acute liver failure by liver targeted delivery of stem cells via heparin functionalization.

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 Secretory Cross-Talk with the Immune Microenvironment.

87. Journal of Industrial and Engineering Chemistry, 2019, In Press, Targeted delivery of doxorubicin for the treatment of bone metastasis from breast cancer using alendronate-functionalized graphene oxide nanosheets.

86. Langmuir, 2019, 35(11), 3992-3998, Protein Nanoparticle Fabrication for Optimized Reticuloendothelial System Evasion and Tumor Accumulation.

85. Advanced Therapeutics, 2019, <https://doi.org/10.1002/adtp.201800154>, Olive Oil-Based Ultrafine Theranostic Photo Nanoemulsions

84. Advanced Functional Materials, 2019, Tumor-Specific Aptamer-Conjugated Polymeric Photosensitizer for Effective Endo-Laparoscopic Photodynamic Therapy.

83. *Molecules*, 2019, 24(5), 885, Design of an Amphiphilic Poly (aspartamide)-Mediated Self-Assembled Nanoconstruct for Long-Term Tumor Targeting and Bioimaging.

82. *Journal of Colloid and Interface Science*, 2019, 544, 266-275, Application of temporary agglomeration of chitosan-coated nanoparticles for the treatment of lung metastasis of melanoma.

81. *Bioconjugate Chemistry*, 2019, 30 (1), 90-100, Synthesis and Evaluation of Multifunctional Fluorescent Inhibitors with Synergistic Interaction of Prostate-Specific Membrane Antigen and Hypoxia for Prostate Cancer.

80. *Pharmaceutics* 2019, 11(2), 63, Transferrin-Conjugated Polymeric Nanoparticle for Receptor-Mediated Delivery of Doxorubicin in Doxorubicin-Resistant Breast Cancer Cells.

79. *Free Radical Biology and Medicine*, 2019, 134, 106-118, Engineering tyrosine residues into hemoglobin enhances heme reduction, decreases oxidative stress and increases vascular retention of a hemoglobin based blood substitute.

78. *Biomacromolecules*, 2019, 20 (2), 1109–1117, Engineered Polymeric Micelles for Combinational Oxidation Anticancer Therapy through Concurrent HO-1 Inhibition and ROS Generation.

77. *Colloids and Surfaces B: Biointerfaces*, 2019, 176, 265-275, Transferrin-conjugated pH-sensitive platform for effective delivery of porous palladium nanoparticles and paclitaxel in cancer treatment.

76. *Asian Journal of Pharmaceutical Sciences*, 2019, 14 (1), 40-51, Folate-targeted nanostructured chitosan/chondroitin sulfate complex carriers for enhanced delivery of bortezomib to colorectal cancer cells.

75. *Biomaterials*, 2019, 192, 282-291, Stimulus-activatable echogenic maltodextrin nanoparticles as nanotheranostic agents for peripheral arterial disease.
74. *J. Med. Chem.* 2018, 61, 1636–1645, A Dual Reporter Iodinated Labeling Reagent for Cancer Positron Emission Tomography Imaging and Fluorescence-Guided Surgery.
73. *Particle & Particle Systems Characterization*, 2018, 35 (3), Microwave-Assisted Synthesis of Biocompatible Silk Fibroin-Based Carbon Quantum Dots.
72. *DRUG DELIVERY*, 2018, Development of a docetaxel micellar formulation using poly(ethylene glycol)–polylactide–poly(ethylene glycol) (PEG–PLA–PEG) with successful reconstitution for tumor targeted drug delivery.
71. *Journal of Controlled Release*, 2018, A nano-complex system to overcome antagonistic photo-chemo combination cancer therapy.
70. *Biomacromolecules*, 2018, Mitochondria Targeting and Destabilizing Hyaluronic Acid Derivative-Based Nanoparticles for the Delivery of Lapatinib to Triple-Negative Breast Cancer.
69. *ACS Nano*, 2018, 12(10), 10061-10074, Plug-and-Play Nanorization of Coarse Black Phosphorus for Targeted Chemo-photoimmunotherapy of Colorectal Cancer.
68. *ACS Applied Materials and Interfaces*, 2018, Dual Imaging-Guided Oxidative–Photothermal Combination Anticancer Therapeutics.
67. *Int. J. Mol. Sci.* 2018, 19(4), 1189, A Lipophilic IR-780 Dye-Encapsulated Zwitterionic Polymer-Lipid Micellar Nanoparticle for Enhanced Photothermal Therapy and NIR-Based Fluorescence Imaging in a Cervical Tumor Mouse Model.
66. *International Journal of Nanomedicine*, 2018, 13, 4627-4639, Cyclic rgD-

conjugated Pluronic® blending system for active, targeted drug delivery.

65. Colloids and Surfaces B: Biointerfaces, 2018, 170, 718-728, Folate receptor-mediated celastrol and irinotecan combination delivery using liposomes for effective chemotherapy.

64. Molecular Imaging and Biology, 2018, 20, 533-543, MHI-148 Cyanine Dye Conjugated Chitosan Nanomicelle with NIR Light-Trigger Release Property as Cancer Targeting Theranostic Agent.

63. ACS Applied Materials and Interfaces, 2018, 10 (43), 36628-36640, Tumor Targeting and Lipid Rafts Disrupting Hyaluronic Acid-Cyclodextrin-Based Nanoassembled Structure for Cancer Therapy.

62. Biomaterials, 2018, 183, 139-150, Gemcitabine-loaded DSPE-PEG-PheoA liposome as a photomediated immune modulator for cholangiocarcinoma treatment.

61. NPG Asia Materials, 2018, 10, 1002-1015, Bioinspired tumor-homing nanosystem for precise cancer therapy via reprogramming of tumor-associated macrophages.

60. Biomaterials, 2018, 186, 22-30, Acid-triggered echogenic nanoparticles for contrast-enhanced ultrasound imaging and therapy of acute liver failure.

59. Nanoscale, 2018, 41, Hexa-functional tumour-seeking nano voyagers and annihilators for synergistic cancer theranostic applications.

58. Nuclear Medicine and Molecular Imaging, 2018, 52(5):359-367, Tc-99m and Fluorescence-Labeled Anti-Flt1 Peptide as a Multimodal Tumor Imaging Agent Targeting Vascular Endothelial Growth Factor-Receptor 1.

57. Wiley Online Library, 2018, 15;61(7):557-566, A novel Tc-99m and fluorescence-labeled arginine-arginine-leucine-containing peptide as a multimodal tumor imaging agent in a murine tumor model.
56. NPG Asia Materials, 2018, 10, pages727–739, A batch-by-batch free route for the continuous production of black phosphorus nanosheets for targeted combination cancer therapy.
55. Acta Biomaterialia, 2018, 80, 364-377, Hyaluronic acid-capped compact silica-supported mesoporous titania nanoparticles for ligand-directed delivery of doxorubicin.
54. DRUG DELIVERY, 2018, 25(1):1362-1371, Development of a docetaxel micellar formulation using poly(ethyleneglycol)–polylactide–poly(ethylene glycol) (PEG–PLA–PEG) with successful reconstitution for tumor targeted drug delivery.
53. Theranostics, 2018, 8(17): 4574–4590, Combination of NIR therapy and regulatory T cell modulation using layer-by-layer hybrid nanoparticles for effective cancer photoimmunotherapy.
52. Journal of Controlled Release, 2018, 10;281:84-96, Regulatory T cell-targeted hybrid nanoparticles combined with immuno-checkpoint blockage for cancer immunotherapy.
51. Journal of Controlled Release, 2018, 10;283:105-112, Intravitreal implantable magnetic micropump for on-demand VEGFR-targeted drug delivery.
50. Acta Biomaterialia, 2018, 1;74:192-206, Cross-linked electrospun cartilage acellular matrix/poly(caprolactone-co-lactide-co-glycolide) nanofiber as an antiadhesive barrier.
49. Biochimica et Biophysica Acta (BBA) - General Subjects, 2018, 1862(12) 2545-

2554, Molecular mechanism of Arabidopsis thaliana profilins as antifungal proteins.

48. Colloids and Surfaces B: Biointerfaces, 2018, 23;169:429-437, Palladium nanoparticle-decorated 2-D graphene oxide for effective photodynamic and photothermal therapy of prostate solid tumors.

47. Biomaterials, 2018, 169:45-60, Programmed 'triple-mode' anti-tumor therapy: Improving peritoneal retention, tumor penetration and activatable drug release properties for effective inhibition of peritoneal carcinomatosis.

46. Drug Delivery, 2018, 25(1):738-749, An α -tocopheryl succinate enzyme-based nanoassembly for cancer imaging and therapy.

45. NPG Asia Materials, 2018, 10, pages197–216, Multimodal selenium nanoshell-capped Au@mSiO₂ nanoplatform for NIR-responsive chemo-photothermal therapy against metastatic breast cancer.

44. Toxicological Research, 2018, 34(1): 1–6, Fluorescence Detection of Cell Death in Liver of Mice Treated with Thioacetamide.

43. Journal of Controlled Release, 2018, 28;276:72-83, Dual-stimuli-responsive albumin-polyplex nanoassembly for spatially controlled gene release in metastatic breast cancer.

42. Tissue Engineering and Regenerative Medicine, 2018, 12(2):516-528, Bone regeneration by means of a three-dimensional printed scaffold in a rat cranial defect.

41. Int J Nanomedicine, 2018, 28;13:1225-1240, Colon-targeted delivery of cyclosporine A using dual-functional Eudragit® FS30D/PLGA nanoparticles ameliorates murine experimental colitis.

40. *Acta Biomaterialia*, 2018, 1;68:154-167, Multifunctional nanoparticles as somatostatin receptor-targeting delivery system of polyaniline and methotrexate for combined chemo–photothermal therapy.
39. *Nanomedicine: Nanotechnology, Biology and Medicine*, 2018, 14(3):823-834, pH-triggered surface charge-reversal nanoparticles alleviate experimental murine colitis via selective accumulation in inflamed colon regions.
38. *Carbohydrate Polymers*, 2018, 181, 1-9, IR 780-loaded hyaluronic acid micelles for enhanced tumor-targeted photothermal therapy.
37. *Biomaterials*, 2018, 154, 48-59, Near infrared dye-conjugated oxidative stress amplifying polymer micelles for dual imaging and synergistic anticancer phototherapy.
36. *ACS Nano*, 2018, 12 (1), 392-401, Molecularly Engineered Theranostic Nanoparticles for Thrombosed Vessels: H₂O₂-Activatable Contrast-Enhanced Photoacoustic Imaging and Antithrombotic Therapy.
35. *International Journal of Nanomedicine*, 2017, 24;12, 6185-6196, A charge-reversible nanocarrier using PEG-PLL (-g-Ce6, DMA)-PLA for photodynamic therapy.
34. *Osteoarthritis and Cartilage*, 2017, 25 (8), 1345-1352, Granulocyte macrophage – colony stimulating factor (GM-CSF) significantly enhances articular cartilage repair potential by microfracture.
33. *Journal of Materials Chemistry B*, 2017, Issue25, pH/redox dual stimuli-responsive sheddable nanodaisies for efficient intracellular tumour-triggered drug delivery.

32. European Journal of Medicinal Chemistry, 2017, 142, 416-423, Doxorubicin-loaded oligonucleotide conjugated gold nanoparticles: A promising in vivo drug delivery system for colorectal cancer therapy.
31. Particle, 2017, Microwave-Assisted Synthesis of Biocompatible Silk Fibroin-Based Carbon Quantum Dots.
30. Advanced Science, 2017, 5, 1700563, Photoinduced Rapid Transformation from Au Nanoagglomerates to Drug-Conjugated Au Nanovesicles.
29. The Official Journal of the International Isotope Society, 2017, 649-658, Synthesis and evaluation of Tc-99m and fluorescence-labeled elastin-derived peptide, VAPG for multimodal tumor imaging in murine tumor model.
28. Nanomedicine, 2017 12 (19), 10.2217/nnm-2017-0174, Core-shell hybrid nanostructured delivery platforms for advanced RNAi therapeutics.
27. International Journal of Pharmaceutics, 2017, 692-704, Engineering of multifunctional temperature-sensitive liposomes for synergistic photothermal, photodynamic, and chemotherapeutic effects.
26. NPG Asia Materials, 2017, 9, e416, Easy on-demand self-assembly of lateral nanodimensional hybrid graphene oxide flakes for near-infrared-induced chemothermal therapy.
25. Osteoarthritis and Cartilage, 2017, 25:8, 1345-1352, Granulocyte macrophage – colony stimulating factor (GM-CSF) significantly enhances articular cartilage repair potential by microfracture.
24. Journal of Tissue Engineering and Regenerative Medicine, 2017, 10.1002/term.2532, Bone regeneration by means of a three-dimensional printed scaffold in a rat cranial defect.

23. Journal of Materials Chemistry B, 2017, 5, 8498-8505, Synergistic photodynamic therapeutic effect of indole-3-acetic acid using a pH sensitive nano-carrier based on poly(aspartic acid-graft-imidazole)-poly(ethylene glycol).
22. International Journal of Nanomedicine, 2017, 12, 6185-6196, A charge-reversible nanocarrier using PEG-PLL(-g-Ce6, DMA)-PLA for photodynamic therapy.
21. Chemical Communications, 2017, 53, 5009-5012, Silica-encapsulated gold nanoparticle dimers for organelle-targeted cellular delivery.
20. Drug Delivery, 2017, 24:1, 1690-1702, Hydrophobic binding peptide-conjugated hybrid lipid-mesoporous silica nanoparticles for effective chemophotothermal therapy of pancreatic cancer.
19. International Journal of Nanomedicine, 2017, 12 7165–7182, In vivo evaluation of cetuximab-conjugated poly(γ -glutamic acid)-docetaxel nanomedicines in EGFR-overexpressing gastric cancer xenografts.
18. NPG Asia Materials, 2017, 9, e397; doi:10.1038/am.2017.102, An intratumoral injectable, electrostatic, cross-linkable curcumin depot and synergistic enhancement of anticancer activity.
17. Scientific Reports, 2017, 7: 2108, DOI:10.1038/s41598-017-01108-5, Near-Infrared Heptamethine Cyanine Based Iron Oxide Nanoparticles for Tumor Targeted Multimodal Imaging and Photothermal Therapy.
16. International Journal of Molecular Sciences, 2017, 18, 671, Preparation of Biodegradable and Elastic Poly(ϵ -caprolactone-co-lactide) Copolymers and Evaluation as a Localized and Sustained Drug Delivery Carrier.

15. Journal of Controlled Release, 2017 Jan 28;246:142-154, Bio reducible branched poly (modified nona-arginine) cell-penetrating peptide as a novel gene delivery platform.
14. Advanced Healthcare Materials, 2016, An Injectable, Click-Cross-Linked Small Intestinal Submucosa Drug Depot for the Treatment of Rheumatoid Arthritis.
13. Oncotarget, 2016, 7:48250-48264, SFMBT2 (Scm-like with four mbt domains 2) negatively regulates cell migration and invasion in prostate cancer cells.
12. Adv. Healthcare Mater. 2016, 5, 1874–1883, Phospholipid End-Capped Acid-Degradable Polyurethane Micelles for Intracellular Delivery of Cancer Therapeutics.
11. Contrast Media & Molecular Imaging, 2016, DOI: 10.1002/cmml.1714, A novel Tc-99 m and fluorescence labeled peptide as a multimodal imaging agent for targeting angiogenesis in a murine tumor model.
10. Macromolecular Bioscience, 2016, 10.1002/mabi.201600163, Controlled Release of Hepatocyte Growth Factor from MPEG-b-(PCL-ran-PLLA) Diblock Copolymer for Improved Vocal Fold Regeneration.
9. Journal of Biomedical Materials Research, 2016, 104, 825–834, Tumor homing indocyanine green encapsulated micelles for near infrared and photoacoustic imaging of tumors.
8. ACS Appl. Mater. Interfaces, 2016, 8, 5887–5897, Nano-Fenton Reactors as a New Class of Oxidative Stress Amplifying Anticancer Therapeutic Agents.
7. Scientific Reports. 5:14713, 2015, Direct chemotherapeutic dual drug delivery through intra-articular injection for synergistic enhancement of rheumatoid arthritis treatment.

6. Journal of Materials Chemistry B, 2015, 8143- 8153, Biodegradable poly (lactide-co-glycolide-co- ϵ -caprolactone) block copolymers – evaluation as drug carriers for a localized and sustained delivery system.
5. Biomaterials, 2014, Volume 35, Issue 12, 3895–3902, Antioxidant polymeric prodrug microparticles as a therapeutic system for acute liver failure.
4. Journal of Controlled Release, 2014, 196, 28-36, Efficient intracellular delivery and multiple-target gene silencing triggered by tripodal RNA based nanoparticles: A promising approach in liver-specific RNAi delivery.
3. Biomaterials, 2014 Jun;35(18):4911-8, Small intestine submucosa and mesenchymal stem cells composite gel for scarless vocal fold regeneration.
2. Journal of controlled release, 196, 2014, 19-27, Dual pH-sensitive oxidative stress generating micellar nanoparticles as a novel anticancer therapeutic agent.
1. Neurobiology of Aging, 2013, 1-13, Long-term immunomodulatory effect of amniotic stem cells in an Alzheimer's disease model.