Emily Day

List of Publications by Year in Descending Order

47 papers	3,472 citations	24 h-index	53 g-index
53 ext. papers	4,068 ext. citations	7.4 avg, IF	6.32 L-index

#	Paper	IF	Citations
47	Diseases and conditions that impact maternal and fetal health and the potential for nanomedicine therapies. *Advanced Drug Delivery Reviews*, **2021**, 170, 425-438	18.5	4
46	Photoresponsive miR-34a/Nanoshell Conjugates Enable Light-Triggered Gene Regulation to Impair the Function of Triple-Negative Breast Cancer Cells. *Nano Letters*, **2021**, 21, 68-76	11.5	4
45	Biomimetic Nanoparticles for the Treatment of Hematologic Malignancies. *Advanced NanoBiomed Research*, **2021**, 1, 2000047	0	2
44	Gold nanoparticle biodistribution in pregnant mice following intravenous administration varies with gestational age. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2021**, 36, 102412	6	1
43	Antibody Nanocarriers for Cancer Management. *Current Opinion in Biomedical Engineering*, **2021**, 19, 100295-100295	4.4	0
42	Critical Evaluation of Different Lysosomal Labeling Methods Used to Analyze RNA Nanocarrier Trafficking in Cells. *Bioconjugate Chemistry*, **2021**, 32, 2245-2256	6.3	1
41	Best Practices for Preclinical In Vivo Testing of Cancer Nanomedicines. *Advanced Healthcare Materials*, **2020**, 9, e2000110	10.1	5
40	Design of nanomaterials for applications in maternal/fetal medicine. *Journal of Materials Chemistry B*, **2020**, 8, 6548-6561	7.3	10
39	Dual Regulation of miR-34a and Notch Signaling in Triple-Negative Breast Cancer by Antibody/miRNA Nanocarriers. *Molecular Therapy - Nucleic Acids*, **2020**, 21, 290-298	10.7	18
38	Nanoparticle-Mediated Co-Delivery of Notch-1 Antibodies and ABT-737 as a Potent Treatment Strategy for Triple-Negative Breast Cancer. *ACS Nano*, **2020**, 14, 3378-3388	16.7	27
37	Inhibition of Wnt signaling by Frizzled7 antibody-coated nanoshells sensitizes triple-negative breast cancer cells to the autophagy regulator chloroquine. *Nano Research*, **2020**, 13, 1693-1703	10	9
36	Nanoparticles for Manipulation of the Developmental Wnt, Hedgehog, and Notch Signaling Pathways in Cancer. *Annals of Biomedical Engineering*, **2020**, 48, 1864-1884	4.7	7
35	Gold Nanoshell-Linear Tetrapyrrole Conjugates for Near Infrared-Activated Dual Photodynamic and Photothermal Therapies. *ACS Omega*, **2020**, 5, 926-940	3.9	22
34	Polymer nanocarriers for MicroRNA delivery. *Journal of Applied Polymer Science*, **2020**, 137, 48651	2.9	16
33	Layer-by-layer assembled PLGA nanoparticles carrying miR-34a cargo inhibit the proliferation and cell cycle progression of triple-negative breast cancer cells. *Journal of Biomedical Materials Research - Part A*, **2020**, 108, 601-613	5.4	15
32	IR820-loaded PLGA nanoparticles for photothermal therapy of triple-negative breast cancer. *Journal of Biomedical Materials Research - Part A*, **2019**, 107, 1702-1712	5.4	19
31	Cancer Cell Membrane-Coated Nanoparticles for Cancer Management. *Cancers*, **2019**, 11,	6.6	56

30	Evaluating the Mechanisms of Light-Triggered siRNA Release from Nanoshells for Temporal Control Over Gene Regulation. *Nano Letters*, **2018**, 18, 3565-3570	11.5	38
29	Spherical Nucleic Acid Nanoparticles: Therapeutic Potential. *BioDrugs*, **2018**, 32, 297-309	7.9	52
28	Enzyme-Linked Immunosorbent Assay to Quantify Targeting Molecules on Nanoparticles. *Methods in Molecular Biology*, **2018**, 1831, 145-157	1.4	4
27	Layer-by-layer assembled gold nanoshells for the intracellular delivery of miR-34a. *Cellular and Molecular Bioengineering*, **2018**, 11, 383-396	3.9	22
26	Photochemotherapeutic Properties of a Linear Tetrapyrrole Palladium(II) Complex displaying an Exceptionally High Phototoxicity Index. *Inorganic Chemistry*, **2018**, 57, 10608-10615	5.1	17
25	Investigating the role of Hedgehog/GLI1 signaling in glioblastoma cell response to temozolomide. *Oncotarget*, **2018**, 9, 27000-27015	3.3	30
24	Polyethylenimine-Spherical Nucleic Acid Nanoparticles against Gli1 Reduce the Chemoresistance and Stemness of Glioblastoma Cells. *Molecular Pharmaceutics*, **2018**, 15, 5135-5145	5.6	17
23	Evaluating Nanoshells and a Potent Biladiene Photosensitizer for Dual Photothermal and Photodynamic Therapy of Triple Negative Breast Cancer Cells. *Nanomaterials*, **2018**, 8,	5.4	18
22	Advances in targeted nanotherapeutics: From bioconjugation to biomimicry. *Nano Research*, **2018**, 11, 4999-5016	10	38
21	Spherical Nucleic Acid Architecture Can Improve the Efficacy of Polycation-Mediated siRNA Delivery. *Molecular Therapy - Nucleic Acids*, **2018**, 12, 207-219	10.7	27
20	Quantification of siRNA Duplexes Bound to Gold Nanoparticle Surfaces. *Methods in Molecular Biology*, **2017**, 1570, 1-15	1.4	14
19	Gold nanoparticle-mediated photothermal therapy: applications and opportunities for multimodal cancer treatment. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2017**, 9, e1449	9.2	364
18	Frizzled7 Antibody-Functionalized Nanoshells Enable Multivalent Binding for Wnt Signaling Inhibition in Triple Negative Breast Cancer Cells. *Small*, **2017**, 13, 1700544	11	43
17	Antibody-nanoparticle conjugates to enhance the sensitivity of ELISA-based detection methods. *PLoS ONE*, **2017**, 12, e0177592	3.7	34
16	Nanoparticle-Mediated Gene Regulation as a Novel Strategy for Cancer Therapy. *Delaware Journal of Public Health*, **2017**, 3, 20-24	0.1	2
15	Using Gold Nanoparticles To Disrupt the Tumor Microenvironment: An Emerging Therapeutic Strategy. *ACS Nano*, **2016**, 10, 10631-10635	16.7	47
14	miR-182 integrates apoptosis, growth, and differentiation programs in glioblastoma. *Genes and Development*, **2015**, 29, 732-45	12.6	153
13	Nanoshell-mediated photothermal therapy can enhance chemotherapy in inflammatory breast cancer cells. *International Journal of Nanomedicine*, **2015**, 10, 6931-41	7.3	44

12	Elucidating the fundamental mechanisms of cell death triggered by photothermal therapy. *ACS Nano*, **2015**, 9, 6-11	16.7	357
11	Spherical nucleic acid nanoparticle conjugates as an RNAi-based therapy for glioblastoma. *Science Translational Medicine*, **2013**, 5, 209ra152	17.5	377
10	Vascular-targeted photothermal therapy of an orthotopic murine glioma model. *Nanomedicine*, **2012**, 7, 1133-48	5.6	59
9	Nanoshell-mediated photothermal therapy improves survival in a murine glioma model. *Journal of Neuro-Oncology*, **2011**, 104, 55-63	4.8	106
8	A new era for cancer treatment: gold-nanoparticle-mediated thermal therapies. *Small*, **2011**, 7, 169-83	11	668
7	Biomedical Applications of Multi-Functional Silica-Based Gold Nanoshells **2011**, 633-662		
6	Antibody-conjugated gold-gold sulfide nanoparticles as multifunctional agents for imaging and therapy of breast cancer. *International Journal of Nanomedicine*, **2010**, 5, 445-54	7.3	106
5	Nanoshells for photothermal cancer therapy. *Methods in Molecular Biology*, **2010**, 624, 101-17	1.4	58
4	Nanoparticles for thermal cancer therapy. *Journal of Biomechanical Engineering*, **2009**, 131, 074001	2.1	182
3	The stabilization and targeting of surfactant-synthesized gold nanorods. *Nanotechnology*, **2009**, 20, 434005	3.4	82
2	Preparation and Characterization of Optically-Resonant Atomically Flat Nanosurface Substrates for High-Resolution Scanning Probe Microscopy of Single Molecules. *Microscopy and Microanalysis*, **2006**, 12, 510-511	0.5	
1	Immunonanoshells for targeted photothermal ablation of tumor cells. *International Journal of Nanomedicine*, **2006**, 1, 149-54	7.3	219