Dan E Meyer

List of Publications by Year
in descending order

19 papers	3,658 citations	567281 15 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	3154 citing authors

#	Article	IF	Citations
1	Purification of recombinant proteins by fusion with thermally-responsive polypeptides. Nature Biotechnology, 1999, 17, 1112-1115.	17.5	776
2	Targeted drug delivery by thermally responsive polymers. Advanced Drug Delivery Reviews, 2002, 54, 613-630.	13.7	540
3	Genetically Encoded Synthesis of Protein-Based Polymers with Precisely Specified Molecular Weight and Sequence by Recursive Directional Ligation:Â Examples from the Elastin-like Polypeptide System. Biomacromolecules, 2002, 3, 357-367.	5.4	500
4	Quantification of the Effects of Chain Length and Concentration on the Thermal Behavior of Elastin-like Polypeptides. Biomacromolecules, 2004, 5, 846-851.	5.4	447
5	Drug targeting using thermally responsive polymers and local hyperthermia. Journal of Controlled Release, 2001, 74, 213-224.	9.9	392
6	Characterization of a Genetically Engineered Elastin-like Polypeptide for Cartilaginous Tissue Repair. Biomacromolecules, 2002, 3, 910-916.	5.4	262
7	Design of thermally responsive, recombinant polypeptide carriers for targeted drug delivery. Advanced Drug Delivery Reviews, 2002, 54, 1093-1111.	13.7	249
8	Protein Purification by Fusion with an Environmentally Responsive Elastin-Like Polypeptide: Effect of Polypeptide Length on the Purification of Thioredoxin. Biotechnology Progress, 2001, 17, 720-728.	2.6	144
9	Effect of protein fusion on the transition temperature of an environmentally responsive elastin-like polypeptide: a role for surface hydrophobicity?. Protein Engineering, Design and Selection, 2004, 17, 57-66.	2.1	128
10	Dynamic Addressing of a Surface Pattern by a Stimuli-Responsive Fusion Protein. Advanced Materials, 2003, 15, 248-251.	21.0	52
11	Hybrid Bioinorganic Smart Membranes That Incorporate Protein-Based Molecular Switches. Langmuir, 2002, 18, 1819-1824.	3.5	38
12	Thermodynamically Reversible Addressing of a Stimuli Responsive Fusion Protein onto a Patterned Surface Templateâ€. Langmuir, 2003, 19, 1641-1653.	3.5	30
13	Evaluation of the novel USPIO GEH121333 for MR imaging of cancer immune responses. Contrast Media and Molecular Imaging, 2013, 8, 281-288.	0.8	23
14	Fe-HBED Analogs: A Promising Class of Iron-Chelate Contrast Agents for Magnetic Resonance Imaging. Contrast Media and Molecular Imaging, 2019, 2019, 1-10.	0.8	19
15	Pointwise mutual information quantifies intratumor heterogeneity in tissue sections labeled with multiple fluorescent biomarkers. Journal of Pathology Informatics, 2016, 7, 47.	1.7	18
16	Estimating amounts of iron oxide from gradient echo images. Magnetic Resonance in Medicine, 2009, 61, 1132-1136.	3.0	17
17	Multiparametric characterization of response to antiâ€angiogenic therapy using USPIO contrastâ€enhanced MRI in combination with dynamic contrastâ€enhanced MRI. Journal of Magnetic Resonance Imaging, 2018, 47, 1589-1600.	3.4	11
18	Blood vessel characterization using virtual 3D models and convolutional neural networks in fluorescence microscopy. , 2017, , .		6

#	Article	IF	Citations
19	In vitro and in vivo DFO-chelatable labile iron release profiles among commercially available intravenous iron nanoparticle formulations. Regulatory Toxicology and Pharmacology, 2018, 97, 17-23.	2.7	6