Kimberly Homan

List of Publications by Year
in descending order

15 papers	1,649 citations	932766 10 h-index	1281420 11 g-index
16 all docs	16 docs citations	16 times ranked	2451 citing authors

#	Article	IF	Citations
1	Photoacoustic nanodroplets for oxygen enhanced photodynamic therapy of cancer. Photoacoustics, 2022, 25, 100306.	4.4	21
2	Indocyanine Green-Loaded Photoacoustic Nanodroplets: Dual Contrast Nanoconstructs for Enhanced Photoacoustic and Ultrasound Imaging. ACS Nano, 2014, 8, 250-259.	7.3	211
3	Contrast-enhanced magneto-photo-acoustic imaging in vivo using dual-contrast nanoparticles. Photoacoustics, 2014, 2, 55-62.	4.4	22
4	Modulation of photoacoustic signal generation from metallic surfaces. Journal of Biomedical Optics, 2013, 18, 056008.	1.4	13
5	Biomedical photoacoustics beyond thermal expansion using triggered nanodroplet vaporization for contrast-enhanced imaging. Nature Communications, 2012, 3, 618.	5.8	368
6	Feasibility of Contrast-Enhanced Photoacoustic Liver Imaging at a Wavelength of 1064 nm. , 2012, , .		4
7	Silica-Coated Gold Nanorods as Photoacoustic Signal Nanoamplifiers. Nano Letters, 2011, 11, 348-354.	4.5	458
8	Ultrasound-induced cellular uptake of plasmonic gold nanorods. , 2011, , .		1
9	Magneto-photo-acoustic imaging. Biomedical Optics Express, 2011, 2, 385-96.	1.5	27
10	Silver nanosystems for photoacoustic imaging and image-guided therapy. Journal of Biomedical Optics, 2010, 15, 1.	1.4	57
11	On stability of molecular therapeutic agents for noninvasive photoacoustic and ultrasound image-guided photothermal therapy. , 2010, , .		7
12	Magneto-photo-acoustic imaging using dual-contrast agent. , 2010, , .		3
13	Enhanced thermal stability of silica-coated â€˜gold nanorods for photoacoustic imaging and image-guided therapy. Optics Express, 2010, 18, 8867.	1.7	354
14	Prospects of molecular photoacoustic imaging at 1064 nm wavelength. Optics Letters, 2010, 35, 2663.	1.7	95
15	Synthesis of a dual contrast agent for ultrasound and photoacoustic imaging. Proceedings of SPIE, 2010, , .	0.8	7