

Kimberly Homan

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,649
citations

933264

10
h-index

1281743

11
g-index

16
all docs

16
docs citations

16
times ranked

2451
citing authors

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