Van-Phuc Nguyen

List of Publications by Year
in descending order

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42	635	516710	580821
papers	citations	16 h-index	25 g-index

43	43	43	682
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High-resolution, in vivo multimodal photoacoustic microscopy, optical coherence tomography, and fluorescence microscopy imaging of rabbit retinal neovascularization. Light: Science and Applications, 2018, 7, 103.	16.6	77
2	Chain-like gold nanoparticle clusters for multimodal photoacoustic microscopy and optical coherence tomography enhanced molecular imaging. Nature Communications, 2021, 12, 34.	12.8	77
3	Contrast Agent Enhanced Multimodal Photoacoustic Microscopy and Optical Coherence Tomography for Imaging of Rabbit Choroidal and Retinal Vessels in vivo. Scientific Reports, 2019, 9, 5945.	3.3	45
4	Doxorubicin-fucoidan-gold nanoparticles composite for dual-chemo-photothermal treatment on eye tumors. Oncotarget, 2017, 8, 113719-113733.	1.8	44
5	Laser-induced nanobubbles safely ablate vitreous opacities in vivo. Nature Nanotechnology, 2022, 17, 552-559.	31.5	37
6	Novel Photoacoustic Microscopy and Optical Coherence Tomography Dual-modality Chorioretinal Imaging in Living Rabbit Eyes. Journal of Visualized Experiments, 2018, , .	0.3	31
7	High-resolution multimodal photoacoustic microscopy and optical coherence tomography image-guided laser induced branch retinal vein occlusion in living rabbits. Scientific Reports, 2019, 9, 10560.	3.3	31
8	Biodegradable silicon nanoneedles for ocular drug delivery. Science Advances, 2022, 8, eabn1772.	10.3	31
9	Multi-wavelength, en-face photoacoustic microscopy and optical coherence tomography imaging for early and selective detection of laser induced retinal vein occlusion. Biomedical Optics Express, 2018, 9, 5915.	2.9	30
10	Plasmonic Gold Nanostar-Enhanced Multimodal Photoacoustic Microscopy and Optical Coherence Tomography Molecular Imaging To Evaluate Choroidal Neovascularization. ACS Sensors, 2020, 5, 3070-3081.	7.8	26
11	Photoacoustic Ophthalmoscopy: Principle, Application, and Future Directions. Journal of Imaging, 2018, 4, 149.	3.0	24
12	In Vivo 3D Imaging of Retinal Neovascularization Using Multimodal Photoacoustic Microscopy and Optical Coherence Tomography Imaging. Journal of Imaging, 2018, 4, 150.	3.0	20
13	Real-time OCT guidance and multimodal imaging monitoring of subretinal injection induced choroidal neovascularization in rabbit eyes. Experimental Eye Research, 2019, 186, 107714.	2.6	20
14	Biocompatible astaxanthin as a novel marine-oriented agent for dual chemo-photothermal therapy. PLoS ONE, 2017, 12, e0174687.	2.5	18
15	Long-Term, Noninvasive In Vivo Tracking of Progenitor Cells Using Multimodality Photoacoustic, Optical Coherence Tomography, and Fluorescence Imaging. ACS Nano, 2021, 15, 13289-13306.	14.6	17
16	Biocompatible astaxanthin as novel contrast agent for biomedical imaging. Journal of Biophotonics, 2017, 10, 1053-1061.	2.3	16
17	Feasibility of photoacoustic evaluations on dualâ€thermal treatment of ex vivo bladder tumors. Journal of Biophotonics, 2017, 10, 577-588.	2.3	13
18	Gold Nanorod Enhanced Photoacoustic Microscopy and Optical Coherence Tomography of Choroidal Neovascularization. ACS Applied Materials & Interfaces, 2021, 13, 40214-40228.	8.0	12

#	Article	IF	Citations
19	High Resolution Multimodal Photoacoustic Microscopy and Optical Coherence Tomography Visualization of Choroidal Vascular Occlusion. International Journal of Molecular Sciences, 2020, 21, 6508.	4.1	9
20	Ultralow energy photoacoustic microscopy for ocular imaging in vivo. Journal of Biomedical Optics, 2020, 25, 1.	2.6	9
21	Indocyanine greenâ€enhanced multimodal photoacoustic microscopy and optical coherence tomography molecular imaging of choroidal neovascularization. Journal of Biophotonics, 2021, 14, e202000458.	2.3	8
22	Thin Layer-Protected Gold Nanoparticles for Targeted Multimodal Imaging with Photoacoustic and CT. Pharmaceuticals, 2021, 14, 1075.	3.8	8
23	In Vivo Subretinal ARPE-19 Cell Tracking Using Indocyanine Green Contrast-Enhanced Multimodality Photoacoustic Microscopy, Optical Coherence Tomography, and Fluorescence Imaging for Regenerative Medicine. Translational Vision Science and Technology, 2021, 10, 10.	2.2	7
24	Functionalized contrast agents for multimodality photoacoustic microscopy, optical coherence tomography, and fluorescence microscopy molecular retinal imaging. Methods in Enzymology, 2021, 657, 443-480.	1.0	6
25	Chorioretinal Hypoxia Detection Using Lipid-Polymer Hybrid Organic Room-Temperature Phosphorescent Nanoparticles. ACS Applied Materials & Interfaces, 2022, 14, 18182-18193.	8.0	6
26	Retinal safety evaluation of photoacoustic microscopy. Experimental Eye Research, 2021, 202, 108368.	2.6	5
27	Multimodal In Vivo Imaging of Retinal and Choroidal Vascular Occlusion. Photonics, 2022, 9, 201.	2.0	3
28	Application of organic IR788-loaded semi-interpenetrating network dyes for photoacoustic imaging. Japanese Journal of Applied Physics, 2017, 56, 07JF12.	1.5	2
29	Integrated photoacoustic microscopy and optical coherence tomography image-guided laser induced branch retinal vein occlusion in living rabbits. , 2019, , .		1
30	Integrated photoacoustic microscopy, optical coherence tomography, and fluorescence microscopy for multimodal chorioretinal imaging. , 2018, 10494, .		1
31	Longitudinal 3D Visualization of Choroidal Neovascularization in a Rabbit Model using Multimodal Photoacoustic Microscopy and Optical Coherence Tomography Molecular Imaging. , 2021, , .		0
32	Gold Nanorod Contrast-Enhanced Molecular Imaging of Choroidal Neovascularization using Dual Photoacoustic Ophthalmoscopy and Optical Coherence Tomography in a Rabbit Model. , 2021, , .		0
33	Retinal and choroidal imaging in vivo using integrated photoacoustic microscopy and optical coherence tomography. , 2018, 10474, .		0
34	Indocyanine Green-Enhanced Dual Photoacoustic Microscopy and Fluorescence Imaging for Visualization of Choroidal Neovascularization in a Rabbit Model. , 2019, , .		0
35	Gold Nanorod Contrast-Enhanced Molecular Imaging of Retinal Neovascularization using Dual Photoacoustic Microscopy and Optical Coherence Tomography in Rabbits. , 2019, , .		0
36	Plasmonic Gold Nanorods for theranostic photoacoustic microscopy and optical coherence tomography imaging enhancement and photodynamic therapy of retinal neovascularization in a rabbit model. , 2019, , .		0

#	Article	IF	Citations
37	Three-Dimensional Visualization of Choroidal Vascular Lesions using Multimodal Photoacoustic Microscopy and Optical Coherence Tomography in Living Rabbits. , 2020, , .		0
38	Organic fluorophore capped gold nanostars for enhanced detection of choroidal neovascularization in living rabbits using multimodal photoacoustic microscopy, optical coherence tomography, and fluorescence microscopy. , 2020, , .		0
39	Visualization of Retinal Ischemia using Multimodal Photoacoustic Microscopy and Optical Coherence Tomography in a Rabbit Model. , 2020, , .		0
40	Blue gold nanoparticles contrast-enhanced multimodal Photoacoustic Microscopy and Optical Coherence Tomography for molecular imaging of choroidal neovascularization. , 2020, , .		0
41	Integrated photoacoustic microscopy, optical coherence tomography and fluorescence microscopy imaging of rabbit ocular neovascularization in vivo. , 2020, , .		0
42	Multimodal photoacoustic microscopy and optical coherence tomography imaging of laser-induced choroidal neovascularization in the rabbit retina. , 2020, , .		0