

Van-Phuc Nguyen

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

635
citations

516710

16
h-index

580821

25
g-index

43
all docs

43
docs citations

43
times ranked

682
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser-induced nanobubbles safely ablate vitreous opacities in vivo. <i>Nature Nanotechnology</i> , 2022, 17, 552-559.	31.5	37
2	Multimodal In Vivo Imaging of Retinal and Choroidal Vascular Occlusion. <i>Photonics</i> , 2022, 9, 201.	2.0	3
3	Biodegradable silicon nanoneedles for ocular drug delivery. <i>Science Advances</i> , 2022, 8, eabn1772.	10.3	31
4	Chorioretinal Hypoxia Detection Using Lipid-Polymer Hybrid Organic Room-Temperature Phosphorescent Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 18182-18193.	8.0	6
5	Retinal safety evaluation of photoacoustic microscopy. <i>Experimental Eye Research</i> , 2021, 202, 108368.	2.6	5
6	Longitudinal 3D Visualization of Choroidal Neovascularization in a Rabbit Model using Multimodal Photoacoustic Microscopy and Optical Coherence Tomography Molecular Imaging. , 2021, , .		0
7	Functionalized contrast agents for multimodality photoacoustic microscopy, optical coherence tomography, and fluorescence microscopy molecular retinal imaging. <i>Methods in Enzymology</i> , 2021, 657, 443-480.	1.0	6
8	Gold Nanorod Contrast-Enhanced Molecular Imaging of Choroidal Neovascularization using Dual Photoacoustic Ophthalmoscopy and Optical Coherence Tomography in a Rabbit Model. , 2021, , .		0
9	Indocyanine green-enhanced multimodal photoacoustic microscopy and optical coherence tomography molecular imaging of choroidal neovascularization. <i>Journal of Biophotonics</i> , 2021, 14, e202000458.	2.3	8
10	Gold Nanorod Enhanced Photoacoustic Microscopy and Optical Coherence Tomography of Choroidal Neovascularization. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 40214-40228.	8.0	12
11	Long-Term, Noninvasive <i>In Vivo</i> Tracking of Progenitor Cells Using Multimodality Photoacoustic, Optical Coherence Tomography, and Fluorescence Imaging. <i>ACS Nano</i> , 2021, 15, 13289-13306.	14.6	17
12	In Vivo Subretinal ARPE-19 Cell Tracking Using Indocyanine Green Contrast-Enhanced Multimodality Photoacoustic Microscopy, Optical Coherence Tomography, and Fluorescence Imaging for Regenerative Medicine. <i>Translational Vision Science and Technology</i> , 2021, 10, 10.	2.2	7
13	Chain-like gold nanoparticle clusters for multimodal photoacoustic microscopy and optical coherence tomography enhanced molecular imaging. <i>Nature Communications</i> , 2021, 12, 34.	12.8	77
14	Thin Layer-Protected Gold Nanoparticles for Targeted Multimodal Imaging with Photoacoustic and CT. <i>Pharmaceuticals</i> , 2021, 14, 1075.	3.8	8
15	Plasmonic Gold Nanostar-Enhanced Multimodal Photoacoustic Microscopy and Optical Coherence Tomography Molecular Imaging To Evaluate Choroidal Neovascularization. <i>ACS Sensors</i> , 2020, 5, 3070-3081.	7.8	26
16	High Resolution Multimodal Photoacoustic Microscopy and Optical Coherence Tomography Visualization of Choroidal Vascular Occlusion. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6508.	4.1	9
17	Three-Dimensional Visualization of Choroidal Vascular Lesions using Multimodal Photoacoustic Microscopy and Optical Coherence Tomography in Living Rabbits. , 2020, , .		0
18	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

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19	Ultralow energy photoacoustic microscopy for ocular imaging in vivo. <i>Journal of Biomedical Optics</i> , 2020, 25, 1.	2.6	9
20	Visualization of Retinal Ischemia using Multimodal Photoacoustic Microscopy and Optical Coherence Tomography in a Rabbit Model. , 2020, , .		0
21	Blue gold nanoparticles contrast-enhanced multimodal Photoacoustic Microscopy and Optical Coherence Tomography for molecular imaging of choroidal neovascularization. , 2020, , .		0
22	Integrated photoacoustic microscopy, optical coherence tomography and fluorescence microscopy imaging of rabbit ocular neovascularization in vivo. , 2020, , .		0
23	Multimodal photoacoustic microscopy and optical coherence tomography imaging of laser-induced choroidal neovascularization in the rabbit retina. , 2020, , .		0
24	Real-time OCT guidance and multimodal imaging monitoring of subretinal injection induced choroidal neovascularization in rabbit eyes. <i>Experimental Eye Research</i> , 2019, 186, 107714.	2.6	20
25	High-resolution multimodal photoacoustic microscopy and optical coherence tomography image-guided laser induced branch retinal vein occlusion in living rabbits. <i>Scientific Reports</i> , 2019, 9, 10560.	3.3	31
26	Contrast Agent Enhanced Multimodal Photoacoustic Microscopy and Optical Coherence Tomography for Imaging of Rabbit Choroidal and Retinal Vessels in vivo. <i>Scientific Reports</i> , 2019, 9, 5945.	3.3	45
27	Integrated photoacoustic microscopy and optical coherence tomography image-guided laser induced branch retinal vein occlusion in living rabbits. , 2019, , .		1
28	Indocyanine Green-Enhanced Dual Photoacoustic Microscopy and Fluorescence Imaging for Visualization of Choroidal Neovascularization in a Rabbit Model. , 2019, , .		0
29	Gold Nanorod Contrast-Enhanced Molecular Imaging of Retinal Neovascularization using Dual Photoacoustic Microscopy and Optical Coherence Tomography in Rabbits. , 2019, , .		0
30	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
31	Novel Photoacoustic Microscopy and Optical Coherence Tomography Dual-modality Chorioretinal Imaging in Living Rabbit Eyes. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	31
32	Photoacoustic Ophthalmoscopy: Principle, Application, and Future Directions. <i>Journal of Imaging</i> , 2018, 4, 149.	3.0	24
33	In Vivo 3D Imaging of Retinal Neovascularization Using Multimodal Photoacoustic Microscopy and Optical Coherence Tomography Imaging. <i>Journal of Imaging</i> , 2018, 4, 150.	3.0	20
34	High-resolution, in vivo multimodal photoacoustic microscopy, optical coherence tomography, and fluorescence microscopy imaging of rabbit retinal neovascularization. <i>Light: Science and Applications</i> , 2018, 7, 103.	16.6	77
35	Multi-wavelength, en-face photoacoustic microscopy and optical coherence tomography imaging for early and selective detection of laser induced retinal vein occlusion. <i>Biomedical Optics Express</i> , 2018, 9, 5915.	2.9	30
36	Retinal and choroidal imaging in vivo using integrated photoacoustic microscopy and optical coherence tomography. , 2018, 10474, .		0

#	ARTICLE	IF	CITATIONS
37	Integrated photoacoustic microscopy, optical coherence tomography, and fluorescence microscopy for multimodal chorioretinal imaging. , 2018, 10494, .		1
38	Feasibility of photoacoustic evaluations on dual-thermal treatment of <i>ex vivo</i> bladder tumors. Journal of Biophotonics, 2017, 10, 577-588.	2.3	13
39	Biocompatible astaxanthin as novel contrast agent for biomedical imaging. Journal of Biophotonics, 2017, 10, 1053-1061.	2.3	16
40	Doxorubicin-fucoidan-gold nanoparticles composite for dual-chemo-photothermal treatment on eye tumors. Oncotarget, 2017, 8, 113719-113733.	1.8	44
41	Application of organic IR788-loaded semi-interpenetrating network dyes for photoacoustic imaging. Japanese Journal of Applied Physics, 2017, 56, 07JF12.	1.5	2
42	Biocompatible astaxanthin as a novel marine-oriented agent for dual chemo-photothermal therapy. PLoS ONE, 2017, 12, e0174687.	2.5	18