Nattawut Sinsuebphon

List of Publications by Year
in descending order

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30 papers	357 citations	1307594 7 h-index	1474206 9 g-index
34 all docs	34 docs citations	34 times ranked	310 citing authors

#	Article	IF	Citations
1	Image Quality Evaluation of a Digital Radiography System Made in Thailand. BioMed Research International, 2021, 2021, 1-12.	1.9	1
2	Adaptive Multi-Scale Image Enhancement for Digital Radiography. , 2020, 2020, 2190-2193.		2
3	Multiplexed non-invasive tumor imaging of glucose metabolism and receptor-ligand engagement using dark quencher FRET acceptor. Theranostics, 2020, 10, 10309-10325.	10.0	18
4	Macroscopic fluorescence lifetime-based FÃ¶rster resonance energy transfer imaging for quantitative ligandâ€“receptor binding. , 2020, , 331-363.		1
5	Fast fit-free analysis of fluorescence lifetime imaging via deep learning. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24019-24030.	7.1	100
6	In vitro and in vivo phasor analysis of stoichiometry and pharmacokinetics using shortâ€lifetime nearâ€infrared dyes and timeâ€gated imaging. Journal of Biophotonics, 2019, 12, e201800185.	2.3	31
7	Fluorescent Lifetime Imaging improved via Deep Learning. , 2019, , .		1
8	Dynamic macroscopic in vivo FRET for the quantitative monitoring of targeted receptor engagement. , 2019, , .		1
9	Quantitative imaging of receptor-ligand engagement in intact live animals. Journal of Controlled Release, 2018, 286, 451-459.	9.9	36
10	Comparison of illumination geometry for lifetimeâ€based measurements in wholeâ€body preclinical imaging. Journal of Biophotonics, 2018, 11, e201800037.	2.3	16
11	Near infrared fluorescence lifetime FRET imaging of target engagement at multiscale (Conference) Tj ETQq1 1 0.784314 rgBT /Overlo		1
12	Dynamical NIR FRET for Non-Invasive Monitoring in vivo Target-Receptor Engagement. , 2018, , .		1
13	Noninvasive Characterization of PEGylated Transferrin Probe Delivery Using Lifetime-based FRET. , 2018, , .		0
14	Deep tissue imaging of target engagement in live animals (Conference Presentation). , 2018, , .		0
15	Fast in vivo quantification of receptor engagement by phasor analysis of NIR fluorescence lifetime (Conference Presentation). , 2018, , .		0
16	Quantitative Deep Tissue Imaging of Target Engagement in Intact Live Animals. FASEB Journal, 2018, 32, 818.1.	0.5	0
17	Fluorescence lifetime FRET imaging of receptor-ligand complexes in tumor cells in vitro and in vivo. Proceedings of SPIE, 2017, , .	0.8	5
18	Compressive hyperspectral time-resolved wide-field fluorescence lifetime imaging. Nature Photonics, 2017, 11, 411-414.	31.4	111

#	Article	IF	Citations
19	AlliGator: A Phasor Computational Platform for Fast in vivo Lifetime Analysis. , 2017, 2017, .		5
20	Fluorescence lifetime FRET non-invasive imaging of breast cancer xenografts provides a measure of target engagement in vivo (Conference Presentation). , 2017, , .		0
21	Hyperspectral Compressive Single-Pixel Imager for Fluorescence Lifetime Sensing. , 2016, , .		3
22	Wide-field lifetime-based FRET imaging for the assessment of early functional distribution of transferrin-based delivery in breast tumor-bearing small animals. , 2016, , .		0
23	Role of Tumor Heterogeneity in Imaging Breast Cancer Targeted Delivery using FLIM FRET in Vivo. , 2016, , .		1
24	Whole body lifetime FRET imaging in transmission and reflectance for the assessment of drug delivery efficacy in small animals. , 2016, , .		0
25	Fluorescence Lifetime-based Multiplexing of Near-Infrared FÃ¶rster Resonance Energy Transfer Pairs. , 2016, , .		0
26	Assessment of Gate Width Size on Lifetime-Based FÃ¶rster Resonance Energy Transfer Parameter Estimation. Photonics, 2015, 2, 1027-1042.	2.0	15
27	Near infrared fluorophore selection for lifetime-based FRET imaging. , 2014, , .		0
28	Comparison of Near-Infrared Fluorophore Pairs for Lifetime-Based FRET Imaging. , 2014, , .		0
29	Comparison of NIR FRET pairs for quantitative transferrin-based assay. Proceedings of SPIE, 2014, , .	0.8	1
30	Selection of Temporal Gates for Bi-Exponential Fluorescence Lifetime Imaging. , 2013, , .		1