

# Nattawut Sinsuebphon

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Compressive hyperspectral time-resolved wide-field fluorescence lifetime imaging. Nature Photonics, 2017, 11, 411-414.	31.4	111
2	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
3	Quantitative imaging of receptor-ligand engagement in intact live animals. Journal of Controlled Release, 2018, 286, 451-459.	9.9	36
4	In vitro and in vivo phasor analysis of stoichiometry and pharmacokinetics using short-lifetime near-infrared dyes and time-gated imaging. Journal of Biophotonics, 2019, 12, e201800185.	2.3	31
5	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
6	Comparison of illumination geometry for lifetime-based measurements in whole-body preclinical imaging. Journal of Biophotonics, 2018, 11, e201800037.	2.3	16
7	Assessment of Gate Width Size on Lifetime-Based Förster Resonance Energy Transfer Parameter Estimation. Photonics, 2015, 2, 1027-1042.	2.0	15
8	Fluorescence lifetime FRET imaging of receptor-ligand complexes in tumor cells in vitro and in vivo. Proceedings of SPIE, 2017, , .	0.8	5
9	AlliGator: A Phasor Computational Platform for Fast in vivo Lifetime Analysis. , 2017, 2017, , .		5
10	Hyperspectral Compressive Single-Pixel Imager for Fluorescence Lifetime Sensing. , 2016, , .		3
11	Adaptive Multi-Scale Image Enhancement for Digital Radiography. , 2020, 2020, 2190-2193.		2
12	Selection of Temporal Gates for Bi-Exponential Fluorescence Lifetime Imaging. , 2013, , .		1
13	Comparison of NIR FRET pairs for quantitative transferrin-based assay. Proceedings of SPIE, 2014, , .	0.8	1
14	Macroscopic fluorescence lifetime-based Förster resonance energy transfer imaging for quantitative ligand-receptor binding. , 2020, , 331-363.		1
15	Near infrared fluorescence lifetime FRET imaging of target engagement at multiscale (Conference) Tj ETQq1 1 0.784314 rgBT <sub>1</sub> /Overlook		
16	Dynamical NIR FRET for Non-Invasive Monitoring in vivo Target-Receptor Engagement. , 2018, , .		1
17	Role of Tumor Heterogeneity in Imaging Breast Cancer Targeted Delivery using FLIM FRET in Vivo. , 2016, , .		1
18	Fluorescent Lifetime Imaging improved via Deep Learning. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
19	Dynamic macroscopic in vivo FRET for the quantitative monitoring of targeted receptor engagement. , 2019, , .		1
20	Image Quality Evaluation of a Digital Radiography System Made in Thailand. BioMed Research International, 2021, 2021, 1-12.	1.9	1
21	Near infrared fluorophore selection for lifetime-based FRET imaging. , 2014, , .		0
22	Comparison of Near-Infrared Fluorophore Pairs for Lifetime-Based FRET Imaging. , 2014, , .		0
23	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
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 Förster Resonance Energy Transfer Pairs. , 2016, , .		0
26	Fluorescence lifetime FRET non-invasive imaging of breast cancer xenografts provides a measure of target engagement in vivo (Conference Presentation). , 2017, , .		0
27	Noninvasive Characterization of PEGylated Transferrin Probe Delivery Using Lifetime-based FRET. , 2018, , .		0
28	Deep tissue imaging of target engagement in live animals (Conference Presentation). , 2018, , .		0
29	Fast in vivo quantification of receptor engagement by phasor analysis of NIR fluorescence lifetime (Conference Presentation). , 2018, , .		0
30	Quantitative Deep Tissue Imaging of Target Engagement in Intact Live Animals. FASEB Journal, 2018, 32, 818.1.	0.5	0