

# Douglas S Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1930560/publications.pdf>

Version: 2024-02-01

20  
papers

11,197  
citations

411340

20  
h-index

799663

21  
g-index

26  
all docs

26  
docs citations

26  
times ranked

14422  
citing authors

#	ARTICLE	IF	CITATIONS
1	A general approach to engineer positive-going eFRET voltage indicators. <i>Nature Communications</i> , 2020, 11, 3444.	5.8	31
2	jYCaMP: an optimized calcium indicator for two-photon imaging at fiber laser wavelengths. <i>Nature Methods</i> , 2020, 17, 694-697.	9.0	45
3	High-performance calcium sensors for imaging activity in neuronal populations and microcompartments. <i>Nature Methods</i> , 2019, 16, 649-657.	9.0	843
4	Thy1 transgenic mice expressing the red fluorescent calcium indicator jRGECO1a for neuronal population imaging in vivo. <i>PLoS ONE</i> , 2018, 13, e0205444.	1.1	73
5	A genetically encoded Ca <sup>2+</sup> indicator based on circularly permuted sea anemone red fluorescent protein eqFP578. <i>BMC Biology</i> , 2018, 16, 9.	1.7	83
6	Axonal Endoplasmic Reticulum Ca <sup>2+</sup> Content Controls Release Probability in CNS Nerve Terminals. <i>Neuron</i> , 2017, 93, 867-881.e6.	3.8	215
7	Neural signatures of dynamic stimulus selection in <i>Drosophila</i> . <i>Nature Neuroscience</i> , 2017, 20, 1104-1113.	7.1	113
8	Sensitive red protein calcium indicators for imaging neural activity. <i>ELife</i> , 2016, 5, .	2.8	813
9	A bright cyan-excitable orange fluorescent protein facilitates dual-emission microscopy and enhances bioluminescence imaging in vivo. <i>Nature Biotechnology</i> , 2016, 34, 760-767.	9.4	221
10	Neuronal Representation of Ultraviolet Visual Stimuli in Mouse Primary Visual Cortex. <i>Scientific Reports</i> , 2015, 5, 12597.	1.6	36
11	A Low Affinity GCaMP3 Variant (GCaMPer) for Imaging the Endoplasmic Reticulum Calcium Store. <i>PLoS ONE</i> , 2015, 10, e0139273.	1.1	51
12	Labeling of active neural circuits in vivo with designed calcium integrators. <i>Science</i> , 2015, 347, 755-760.	6.0	377
13	Regulation of a novel isoform of Receptor Expression Enhancing Protein REEP6 in rod photoreceptors by bZIP transcription factor NRL. <i>Human Molecular Genetics</i> , 2014, 23, 4260-4271.	1.4	27
14	Optimized ratiometric calcium sensors for functional in vivo imaging of neurons and T lymphocytes. <i>Nature Methods</i> , 2014, 11, 175-182.	9.0	319
15	Multiplexed aberration measurement for deep tissue imaging in vivo. <i>Nature Methods</i> , 2014, 11, 1037-1040.	9.0	125
16	Thy1-GCaMP6 Transgenic Mice for Neuronal Population Imaging In Vivo. <i>PLoS ONE</i> , 2014, 9, e108697.	1.1	506
17	Ultrasensitive fluorescent proteins for imaging neuronal activity. <i>Nature</i> , 2013, 499, 295-300.	13.7	5,490
18	Genetically encoded calcium indicators for multi-color neural activity imaging and combination with optogenetics. <i>Frontiers in Molecular Neuroscience</i> , 2013, 6, 2.	1.4	629

#	ARTICLE	IF	CITATIONS
19	A Neuron-Based Screening Platform for Optimizing Genetically-Encoded Calcium Indicators. PLoS ONE, 2013, 8, e77728.	1.1	66
20	Optimization of a GCaMP Calcium Indicator for Neural Activity Imaging. Journal of Neuroscience, 2012, 32, 13819-13840.	1.7	1,099