

Elisa D'Este

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

3,167
citations

331670

21
h-index

454955

30
g-index

36
all docs

36
docs citations

36
times ranked

4062
citing authors

#	ARTICLE	IF	CITATIONS
1	Actomyosin-Assisted Pulling of Lipid Nanotubes from Lipid Vesicles and Cells. <i>Nano Letters</i> , 2022, 22, 1145-1150.	9.1	1
2	A synergistic strategy to develop photostable and bright dyes with long Stokes shift for nanoscopy. <i>Nature Communications</i> , 2022, 13, 2264.	12.8	49
3	Optimal precision and accuracy in 4Pi-STORM using dynamic spline PSF models. <i>Nature Methods</i> , 2022, 19, 603-612.	19.0	21
4	Systematic Tuning of Rhodamine Spirocyclization for Super-resolution Microscopy. <i>Journal of the American Chemical Society</i> , 2021, 143, 14592-14600.	13.7	77
5	Fluorescent Nanozeolite Receptors for the Highly Selective and Sensitive Detection of Neurotransmitters in Water and Biofluids. <i>Advanced Materials</i> , 2021, 33, e2104614.	21.0	9
6	Photoactivatable Fluorescent Dyes with Hydrophilic Caging Groups and Their Use in Multicolor Nanoscopy. <i>Journal of the American Chemical Society</i> , 2021, 143, 18388-18393.	13.7	32
7	A general strategy to develop cell permeable and fluorogenic probes for multicolour nanoscopy. <i>Nature Chemistry</i> , 2020, 12, 165-172.	13.6	240
8	Interrogating surface versus intracellular transmembrane receptor populations using cell-impermeable SNAP-tag substrates. <i>Chemical Science</i> , 2020, 11, 7871-7883.	7.4	30
9	Synaptic activity and strength are reflected by changes in the post-synaptic secretory pathway. <i>Scientific Reports</i> , 2020, 10, 20576.	3.3	9
10	Multiple Domains in the Kv7.3 C-Terminus Can Regulate Localization to the Axon Initial Segment. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 10.	3.7	1
11	Efflux pump insensitive rhodamine- ϵ -jasplakinolide conjugates for G- and F-actin imaging in living cells. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2929-2937.	2.8	17
12	Super-resolution microscopy compatible fluorescent probes reveal endogenous glucagon-like peptide-1 receptor distribution and dynamics. <i>Nature Communications</i> , 2020, 11, 467.	12.8	88
13	Detection of Bacteria Colonizing Titanium Spinal Implants in Children. <i>Surgical Infections</i> , 2018, 19, 71-77.	1.4	15
14	Glyoxal as an alternative fixative to formaldehyde in immunostaining and super-resolution microscopy. <i>EMBO Journal</i> , 2018, 37, 139-159.	7.8	206
15	Robust nanoscopy of a synaptic protein in living mice by organic-fluorophore labeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8047-E8056.	7.1	85
16	Ultrastructural anatomy of nodes of Ranvier in the peripheral nervous system as revealed by STED microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E191-E199.	7.1	87
17	Cell-Permeant Large Stokes Shift Dyes for Transfection-Free Multicolor Nanoscopy. <i>Journal of the American Chemical Society</i> , 2017, 139, 12378-12381.	13.7	119
18	Adaptive-illumination STED nanoscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9797-9802.	7.1	128

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19	Actin Waves Do Not Boost Neurite Outgrowth in the Early Stages of Neuron Maturation. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 402.	3.7	13
20	Fluorescent Rhodamines and Fluorogenic Carbopyronines for Super-Resolution STED Microscopy in Living Cells. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3290-3294.	13.8	200
21	Fluoreszierende Rhodamine und fluorogene Carbopyronine für die STED-Mikroskopie lebender Zellen. <i>Angewandte Chemie</i> , 2016, 128, 3350-3355.	2.0	35
22	Characterization of prion protein function by focal neurite stimulation. <i>Journal of Cell Science</i> , 2016, 129, 3878-3891.	2.0	35
23	Fluorogenic Probes for Multicolor Imaging in Living Cells. <i>Journal of the American Chemical Society</i> , 2016, 138, 9365-9368.	13.7	218
24	Multicolour Multilevel STED nanoscopy of Actin/Spectrin Organization at Synapses. <i>Scientific Reports</i> , 2016, 6, 26725.	3.3	96
25	Subcortical cytoskeleton periodicity throughout the nervous system. <i>Scientific Reports</i> , 2016, 6, 22741.	3.3	94
26	STED Nanoscopy Reveals the Ubiquity of Subcortical Cytoskeleton Periodicity in Living Neurons. <i>Cell Reports</i> , 2015, 10, 1246-1251.	6.4	262
27	Dual Channel RESOLFT Nanoscopy by Using Fluorescent State Kinetics. <i>Nano Letters</i> , 2015, 15, 103-106.	9.1	46
28	Fluorogenic probes for live-cell imaging of the cytoskeleton. <i>Nature Methods</i> , 2014, 11, 731-733.	19.0	705
29	Nanoscopy with more than 100,000 'doughnuts'. <i>Nature Methods</i> , 2013, 10, 737-740.	19.0	231