Rishikesh U Kulkarni

List of Publications by Year
in descending order

14	644	758635 12	1125271 13
papers	citations	h-index	g-index

16	16	16	1109
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Engineered hydrogels increase the post-transplantation survival of encapsulated hESC-derived midbrain dopaminergic neurons. Biomaterials, 2017, 136, 1-11.	5.7	97
2	Voltage Imaging: Pitfalls and Potential. Biochemistry, 2017, 56, 5171-5177.	1.2	85
3	BODIPY Fluorophores for Membrane Potential Imaging. Journal of the American Chemical Society, 2019, 141, 12824-12831.	6.6	66
4	Defined and Scalable Differentiation of Human Oligodendrocyte Precursors from Pluripotent Stem Cells in a 3D Culture System. Stem Cell Reports, 2017, 8, 1770-1783.	2.3	59
5	Isomerically Pure Tetramethylrhodamine Voltage Reporters. Journal of the American Chemical Society, 2016, 138, 9085-9088.	6.6	52
6	Voltage-sensitive rhodol with enhanced two-photon brightness. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2813-2818.	3.3	52
7	Efficient generation of hPSC-derived midbrain dopaminergic neurons in a fully defined, scalable, 3D biomaterial platform. Scientific Reports, 2017, 7, 40573.	1.6	51
8	hPSC-Derived Striatal Cells Generated Using a Scalable 3D Hydrogel Promote Recovery in a Huntington Disease Mouse Model. Stem Cell Reports, 2018, 10, 1481-1491.	2.3	46
9	In Vivo Two-Photon Voltage Imaging with Sulfonated Rhodamine Dyes. ACS Central Science, 2018, 4, 1371-1378.	5.3	41
10	A Rationally Designed, General Strategy for Membrane Orientation of Photoinduced Electron Transfer-Based Voltage-Sensitive Dyes. ACS Chemical Biology, 2017, 12, 407-413.	1.6	40
11	A modular platform to develop peptoid-based selective fluorescent metal sensors. Chemical Communications, 2017, 53, 3477-3480.	2.2	23
12	Dopaminergic Neurons Transplanted Using Cellâ€Instructive Biomaterials Alleviate Parkinsonism in Rodents. Advanced Functional Materials, 2018, 28, 1804144.	7.8	19
13	Analyzing nested experimental designsâ€”A user-friendly resampling method to determine experimental significance. PLoS Computational Biology, 2022, 18, e1010061.	1.5	7
14	Making Life Visible: Fluorescent Indicators to Probe Membrane Potential. , 2020, , 89-104.		3