

# Hongyan Yang

## List of Publications by Year in descending order

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1040056

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docs citations

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1280  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optogenetic Stimulation of Midbrain Dopamine Neurons Produces Striatal Serotonin Release. ACS Chemical Neuroscience, 2022, 13, 946-958.	3.5	2
2	Simultaneous serotonin and dopamine monitoring across timescales by rapid pulse voltammetry with partial least squares regression. Analytical and Bioanalytical Chemistry, 2021, 413, 6747-6767.	3.7	9
3	Implantable aptamerâ€field-effect transistor neuroprobes for in vivo neurotransmitter monitoring. Science Advances, 2021, 7, eabj7422.	10.3	68
4	Phenylalanine Monitoring via Aptamer-Field-Effect Transistor Sensors. ACS Sensors, 2019, 4, 3308-3317.	7.8	57
5	Estradiol-Induced Potentiation of Dopamine Release in Dorsal Striatum Following Amphetamine Administration Requires Estradiol Receptors and mGlu5. ENeuro, 2019, 6, ENEURO.0446-18.2019.	1.9	40
6	Bad Behavior: Improving Reproducibility in Behavior Testing. ACS Chemical Neuroscience, 2018, 9, 1904-1906.	3.5	6
7	Aptamerâ€field-effect transistors overcome Debye length limitations for small-molecule sensing. Science, 2018, 362, 319-324.	12.6	570
8	Small-Molecule Patterning via Prefunctionalized Alkanethiols. Chemistry of Materials, 2018, 30, 4017-4030.	6.7	14
9	ADVANCED MICRODIALYSIS APPROACHES RESOLVE DIFFERENCES IN SEROTONIN HOMEOSTASIS AND SIGNALING. , 2017, , 119-140.		2
10	Controlled DNA Patterning by Chemical Lift-Off Lithography: Matrix Matters. ACS Nano, 2015, 9, 11439-11454.	14.6	42
11	Sex- and SERT-Mediated Differences in Stimulated Serotonin Revealed by Fast Microdialysis. ACS Chemical Neuroscience, 2015, 6, 1487-1501.	3.5	36
12	Perinatal vs Genetic Programming of Serotonin States Associated with Anxiety. Neuropsychopharmacology, 2015, 40, 1456-1470.	5.4	49
13	Physiologically Relevant Changes in Serotonin Resolved by Fast Microdialysis. ACS Chemical Neuroscience, 2013, 4, 790-798.	3.5	56