

# Hongyan Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1349277/publications.pdf>

Version: 2024-02-01

13  
papers

951  
citations

1040056

9  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

1280  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aptamer-Field-Effect Transistors Overcome Debye Length Limitations for Small-Molecule Sensing. <i>Science</i> , 2018, 362, 319-324.	12.6	570
2	Implantable Aptamer-Field-Effect Transistor Neuroprobes for In Vivo Neurotransmitter Monitoring. <i>Science Advances</i> , 2021, 7, eabj7422.	10.3	68
3	Phenylalanine Monitoring via Aptamer-Field-Effect Transistor Sensors. <i>ACS Sensors</i> , 2019, 4, 3308-3317.	7.8	57
4	Physiologically Relevant Changes in Serotonin Resolved by Fast Microdialysis. <i>ACS Chemical Neuroscience</i> , 2013, 4, 790-798.	3.5	56
5	Perinatal vs Genetic Programming of Serotonin States Associated with Anxiety. <i>Neuropsychopharmacology</i> , 2015, 40, 1456-1470.	5.4	49
6	Controlled DNA Patterning by Chemical Lift-Off Lithography: Matrix Matters. <i>ACS Nano</i> , 2015, 9, 11439-11454.	14.6	42
7	Estradiol-Induced Potentiation of Dopamine Release in Dorsal Striatum Following Amphetamine Administration Requires Estradiol Receptors and mGlu5. <i>ENeuro</i> , 2019, 6, ENEURO.0446-18.2019.	1.9	40
8	Sex- and SERT-Mediated Differences in Stimulated Serotonin Revealed by Fast Microdialysis. <i>ACS Chemical Neuroscience</i> , 2015, 6, 1487-1501.	3.5	36
9	Small-Molecule Patterning via Prefunctionalized Alkanethiols. <i>Chemistry of Materials</i> , 2018, 30, 4017-4030.	6.7	14
10	Simultaneous Serotonin and Dopamine Monitoring across Timescales by Rapid Pulse Voltammetry with Partial Least Squares Regression. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 6747-6767.	3.7	9
11	Bad Behavior: Improving Reproducibility in Behavior Testing. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1904-1906.	3.5	6
12	ADVANCED MICRODIALYSIS APPROACHES RESOLVE DIFFERENCES IN SEROTONIN HOMEOSTASIS AND SIGNALING. , 2017, , 119-140.		2
13	Optogenetic Stimulation of Midbrain Dopamine Neurons Produces Striatal Serotonin Release. <i>ACS Chemical Neuroscience</i> , 2022, 13, 946-958.	3.5	2