

# Yudie Sun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2899670/publications.pdf>

Version: 2024-02-01

22  
papers

1,016  
citations

471509

17  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1364  
citing authors

#	ARTICLE	IF	CITATIONS
1	Concentration-dependent multi-color humic acid-based carbon dots for luminescent polymer composite films. <i>Journal of Materials Science</i> , 2022, 57, 1069-1083.	3.7	9
2	Reversible Ratiometric Electrochemiluminescence Biosensor Based on DNAzyme Regulated Resonance Energy Transfer for Myocardial miRNA Detection. <i>Analytical Chemistry</i> , 2022, 94, 7035-7040.	6.5	25
3	Multistage nucleic acid amplification induced nano-aggregation for 3D hotspots-improved SERS detection of circulating miRNAs. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	9.1	6
4	Coal based carbon dots: Recent advances in synthesis, properties, and applications. <i>Nano Select</i> , 2021, 2, 1589-1604.	3.7	24
5	A Multitargeted Electrochemiluminescent Biosensor Coupling DNAzyme with Cascading Amplification for Analyzing Myocardial miRNAs. <i>Analytical Chemistry</i> , 2021, 93, 7516-7522.	6.5	35
6	Band-pass filter-assisted ratiometric fluorescent nanoprobe composed of N-(2-aminoethyl-1,8-naphthalimide)-functionalized gold nanoclusters for the determination of alkaline phosphatase using digital image analysis. <i>Mikrochimica Acta</i> , 2021, 188, 218.	5.0	1
7	A novel amorphous CoSx/NH2-MIL-125 composite for photocatalytic degradation of rhodamine B under visible light. <i>Journal of Materials Science</i> , 2020, 55, 16171-16183.	3.7	19
8	Recent progress of SERS optical nanosensors for miRNA analysis. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5178-5183.	5.8	56
9	Hemin-Bridged MOF Interface with Double Amplification of G-Quadruplex Payload and DNAzyme Catalysis: Ultrasensitive Lasting Chemiluminescence MicroRNA Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 7879-7887.	8.0	71
10	Target-Induced Payload Amplification for Spherical Nucleic Acid Enzyme (SNAzyme)-Catalyzed Electrochemiluminescence Detection of Circulating microRNAs. <i>Analytical Chemistry</i> , 2019, 91, 12948-12953.	6.5	31
11	Target-Catalyzed Self-Growing Spherical Nucleic Acid Enzyme (SNAzyme) as a Double Amplifier for Ultrasensitive Chemiluminescence MicroRNA Detection. <i>ACS Sensors</i> , 2019, 4, 3219-3226.	7.8	41
12	Spherical Nucleic Acid Enzyme (SNAzyme) Boosted Chemiluminescence miRNA Imaging Using a Smartphone. <i>Analytical Chemistry</i> , 2019, 91, 3652-3658.	6.5	63
13	Exonuclease III-boosted cascade reactions for ultrasensitive SERS detection of nucleic acids. <i>Biosensors and Bioelectronics</i> , 2018, 104, 32-38.	10.1	45
14	Composition-Tunable Hollow Au/Ag SERS Nanoprobes Coupled with Target-Catalyzed Hairpin Assembly for Triple-Amplification Detection of miRNA. <i>Analytical Chemistry</i> , 2018, 90, 11614-11621.	6.5	82
15	Ultrasensitive Simultaneous Detection of Multiplex Disease-Related Nucleic Acids Using Double-Enhanced Surface-Enhanced Raman Scattering Nanosensors. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 25770-25778.	8.0	38
16	Cellular environment-responsive intelligent DNA logic circuits for controllable molecular sensing. <i>Biosensors and Bioelectronics</i> , 2018, 117, 729-735.	10.1	26
17	Three-dimensional hotspots in evaporating nanoparticle sols for ultrahigh Raman scattering: solid-liquid interface effects. <i>Nanoscale</i> , 2015, 7, 6619-6626.	5.6	36
18	Unravelling the Relationship between Raman Enhancement and Photocatalytic Activity on Single Anisotropic Au Microplates. <i>Chemistry - A European Journal</i> , 2014, 20, 10414-10424.	3.3	8

#	ARTICLE	IF	CITATIONS
19	Transformation of thiolated chitosan-templated gold nanoparticles to huge microcubes. <i>Materials Research Bulletin</i> , 2014, 53, 89-95.	5.2	6
20	Three-Dimensional and Time-Ordered Surface-Enhanced Raman Scattering Hotspot Matrix. <i>Journal of the American Chemical Society</i> , 2014, 136, 5332-5341.	13.7	293
21	Cetylpyridinium Chloride Activated Trinitrotoluene Explosive Lights Up Robust and Ultrahigh Surface-Enhanced Resonance Raman Scattering in a Silver Sol. <i>Chemistry - A European Journal</i> , 2013, 19, 8789-8796.	3.3	39
22	Capillarity-constructed reversible hot spots for molecular trapping inside silver nanorod arrays light up ultrahigh SERS enhancement. <i>Chemical Science</i> , 2013, 4, 3490.	7.4	62