

# Tong Yang

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,488  
citations

279701

23  
h-index

315616

38  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1850  
citing authors

#	ARTICLE	IF	CITATIONS
1	An inner filter effect based sensor of tetracycline hydrochloride as developed by loading photoluminescent carbon nanodots in the electrospun nanofibers. <i>Nanoscale</i> , 2016, 8, 2999-3007.	2.8	194
2	Bifunctional MOFs-Based Ratiometric Electrochemical Sensor for Multiplex Heavy Metal Ions. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 30770-30778.	4.0	112
3	Hydrogen-Bond-Mediated <i>in Situ</i> Fabrication of AgNPs/Agar/PAN Electrospun Nanofibers as Reproducible SERS Substrates. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 1586-1594.	4.0	97
4	A functional preservation strategy for the production of highly photoluminescent emerald carbon dots for lysosome targeting and lysosomal pH imaging. <i>Nanoscale</i> , 2018, 10, 14705-14711.	2.8	86
5	An active structure preservation method for developing functional graphitic carbon dots as an effective antibacterial agent and a sensitive pH and Al( <sup>3+</sup> ) nanosensor. <i>Nanoscale</i> , 2017, 9, 17334-17341.	2.8	76
6	Photoinduced Electron Transfer Process Visualized on Single Silver Nanoparticles. <i>ACS Nano</i> , 2017, 11, 2085-2093.	7.3	75
7	Electrostatic Assemblies of Well-Dispersed AgNPs on the Surface of Electrospun Nanofibers as Highly Active SERS Substrates for Wide-Range pH Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 14802-14811.	4.0	64
8	Functional preserving carbon dots-based fluorescent probe for mercury (II) ions sensing in herbal medicines via coordination and electron transfer. <i>Analytica Chimica Acta</i> , 2018, 1035, 203-210.	2.6	60
9	Recent insights into functionalized electrospun nanofibrous films for chemo-/bio-sensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 124, 115813.	5.8	51
10	A portable RGB sensing gadget for sensitive detection of Hg <sup>2+</sup> using cysteamine-capped QDs as fluorescence probe. <i>Biosensors and Bioelectronics</i> , 2017, 98, 36-40.	5.3	49
11	Carbon dots as nanocatalytic medicine for anti-inflammation therapy. <i>Journal of Colloid and Interface Science</i> , 2022, 611, 545-553.	5.0	49
12	Surface-engineered quantum dots/electrospun nanofibers as a networked fluorescence aptasensing platform toward biomarkers. <i>Nanoscale</i> , 2017, 9, 17020-17028.	2.8	47
13	Ratiometrically Fluorescent Electrospun Nanofibrous Film as a Cu <sup>2+</sup> -Mediated Solid-Phase Immunoassay Platform for Biomarkers. <i>Analytical Chemistry</i> , 2018, 90, 9966-9974.	3.2	46
14	Cytosine triphosphate-capped silver nanoparticles as a platform for visual and colorimetric determination of mercury(II) and chromium(III). <i>Mikrochimica Acta</i> , 2017, 184, 3171-3178.	2.5	37
15	Carbon Quantum Dots <sup>+</sup> Europium(III) Energy Transfer Architecture Embedded in Electrospun Nanofibrous Membranes for Fingerprint Security and Document Counterspy. <i>Analytical Chemistry</i> , 2019, 91, 11185-11191.	3.2	35
16	Fe-MOFs as signal probes coupling with DNA tetrahedral nanostructures for construction of ratiometric electrochemical aptasensor. <i>Analytica Chimica Acta</i> , 2020, 1135, 123-131.	2.6	34
17	Nitrogen and phosphorus doped polymer carbon dots as a sensitive cellular mapping probe of nitrite. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2074-2080.	2.9	31
18	Development of a portable device for Ag <sup>+</sup> sensing using CdTe QDs as fluorescence probe via an electron transfer process. <i>Talanta</i> , 2019, 191, 357-363.	2.9	30

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19	Synergetic Catalytic Effect of Cu <sub>2</sub> S Nanoparticles and Reduced Graphene Oxide Coembedded in Electrospun Nanofibers for the Reduction of a Typical Refractory Organic Compound. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 15447-15457.	4.0	29
20	Electrochemical detection of C-reactive protein using functionalized iridium nanoparticles/graphene oxide as a tag. <i>RSC Advances</i> , 2020, 10, 9723-9729.	1.7	28
21	A galvanic exchange process visualized on single silver nanoparticles via dark-field microscopy imaging. <i>Nanoscale</i> , 2018, 10, 12805-12812.	2.8	27
22	2,4,6-Trinitrophenol detection by a new portable sensing gadget using carbon dots as a fluorescent probe. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 2291-2300.	1.9	26
23	Efficient visible-light photocatalytic heterojunctions formed by coupling plasmonic Cu <sub>2</sub> S and graphitic carbon nitride. <i>New Journal of Chemistry</i> , 2015, 39, 6186-6192.	1.4	24
24	Graphitic C <sub>3</sub> N <sub>4</sub> nanosheet and hemin/G-quadruplex DNAzyme-based label-free chemiluminescence aptasensing for biomarkers. <i>Talanta</i> , 2019, 192, 400-406.	2.9	23
25	Iodide/metal-organic frameworks (MOF)-mediated signal amplification strategy for the colorimetric detection of H <sub>2</sub> O <sub>2</sub> , Cr <sub>2</sub> O <sub>7</sub> <sup>2-</sup> and H <sub>2</sub> S. <i>Analytica Chimica Acta</i> , 2021, 1159, 338378.	2.6	17
26	A visual peroxidase mimicking aptasensor based on Pt nanoparticles-loaded on iron metal organic gel for fumonisin B1 analysis in corn meal. <i>Biosensors and Bioelectronics</i> , 2022, 209, 114241.	5.3	17
27	pH-responsive chitosan/sulfobutyl ether- $\beta$ -cyclodextrin supramolecular nanoparticles for controlled release of sodium ferulate. <i>Polymer Engineering and Science</i> , 2020, 60, 2403-2413.	1.5	15
28	Iodide-enhanced Co/Fe-MOFs nanozyme for sensitively colorimetric detection of H <sub>2</sub> S. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 262, 120117.	2.0	12
29	Highly sensitive and convenient aptasensor based on Au NPs@Ce-TpBpy COF for quantitative determination of zearalenone. <i>RSC Advances</i> , 2022, 12, 17312-17320.	1.7	12
30	A single nucleotide polymorphism electrochemical sensor based on DNA-functionalized Cd-MOFs-74 as cascade signal amplification probes. <i>Mikrochimica Acta</i> , 2021, 188, 266.	2.5	11
31	An electrochemical immunosensor coupling a bamboo-like carbon nanostructure substrate with toluidine blue-functionalized Cu <sub>2</sub> -MOFs as signal probes for a C-reactive protein assay. <i>RSC Advances</i> , 2021, 11, 6699-6708.	1.7	11
32	An electrochemical aptasensor based on intelligent walking DNA nanomachine with cascade signal amplification powered by nuclease for Mucin 1 assay. <i>Analytica Chimica Acta</i> , 2022, 1214, 339964.	2.6	11
33	Nonstoichiometric copper chalcogenides for photo-activated alkyne/azide cycloaddition. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 6964-6968.	1.3	9
34	Modulation of inner filter effect between plasmonic Cu <sub>2</sub> S Se <sub>1</sub> and rhodamine 6G for detection of biothiols. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 966-973.	4.0	9
35	Europium coordination polymer particles based electrospun nanofibrous film for point-of-care testing of copper (II) ions. <i>Talanta</i> , 2021, 228, 122270.	2.9	9
36	pH-responsive nanoparticles based on sodium dodecylbenzene sulfonate and polyamine-modified cyclodextrins for controlled release of metformin hydrochloride. <i>Iranian Polymer Journal (English)</i> Tj ETQq0 0 0 rgBTi/0verlock610 Tf 50 5		

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37	Iodide-enhanced Cu-MOF nanomaterials for the amplified colorimetric detection of Fe <sup>3+</sup> . Analytical Methods, 2021, 13, 5851-5858.	1.3	5
38	A label-free turn ON→OFF chemiluminescence strategy for lysozyme detection by target-triggered Cu <sub>2</sub> Se aggregation. Analytical Methods, 2019, 11, 4376-4381.	1.3	4
39	pH-responsive supramolecular nanoparticles based on sulfobutylether <sub>7</sub> -β <sup>2</sup> -CD/cationic surfactant and its controllable release of doxorubicin. Journal of Dispersion Science and Technology, 2023, 44, 1116-1125.	1.3	4
40	Glutathione-driven Cu <sub>2</sub> O chemistry: a new light-up fluorescent assay for intracellular glutathione. Analyst, The, 2018, 143, 2486-2490.	1.7	3
41	CdTe Quantum Dots-Electrospun Nanofibers Assembly for Visual and Portable Detection of Cu <sup>2+</sup> . Chinese Journal of Analytical Chemistry, 2021, 49, 207-215.	0.9	3