

# Yurong Tang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4398866/publications.pdf>

Version: 2024-02-01

20  
papers

1,015  
citations

567281

15  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1546  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon Nitride Quantum Dots: A Novel Chemiluminescence System for Selective Detection of Free Chlorine in Water. <i>Analytical Chemistry</i> , 2014, 86, 4528-4535.	6.5	307
2	Turn-on Persistent Luminescence Probe Based on Graphitic Carbon Nitride for Imaging Detection of Biothiols in Biological Fluids. <i>Analytical Chemistry</i> , 2013, 85, 11876-11884.	6.5	197
3	Heterogeneous Visible-Light Photoredox Catalysis with Graphitic Carbon Nitride for $\hat{1}\pm$ -Aminoalkyl Radical Additions, Allylations, and Heteroarylations. <i>ACS Catalysis</i> , 2018, 8, 9471-9476.	11.2	112
4	A g-C <sub>3</sub> N <sub>4</sub> -based heterogeneous photocatalyst for visible light mediated aerobic benzylic C-H oxygenations. <i>Green Chemistry</i> , 2019, 21, 6116-6122.	9.0	69
5	Catalytic Asymmetric Piancatelli Rearrangement: Brønsted Acid Catalyzed 4- $\hat{1}$ -Electrocyclization for the Synthesis of Multisubstituted Cyclopentenones. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14126-14130.	13.8	60
6	Theoretical Study of Transition-Metal-Modified Mo <sub>2</sub> CO <sub>2</sub> MXene as a Catalyst for the Hydrogen Evolution Reaction. <i>ChemSusChem</i> , 2020, 13, 6005-6015.	6.8	41
7	Remarkable Activity of Potassium-Modified Carbon Nitride for Heterogeneous Photocatalytic Decarboxylative Alkyl/Acyl Radical Addition and Reductive Dimerization of <i>para</i> -Quinone Methides. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 2367-2377.	6.7	38
8	Highly sensitive resonance light scattering bioassay for heparin based on polyethyleneimine-capped Ag nanoclusters. <i>Talanta</i> , 2013, 115, 830-836.	5.5	28
9	Ln(III)/Chiral Brønsted Acid Catalyzed Asymmetric Cascade Ring Opening/Aza-Piancatelli Rearrangement of $\hat{1}$ -Cyclopropanes. <i>Organic Letters</i> , 2020, 22, 9016-9021.	4.6	23
10	Inductively coupled plasma mass spectrometry for determination of total urinary protein with CdTe quantum dots label. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 2493.	3.0	21
11	An upconversion fluorescence based turn-on probe for detecting lead(II) ions. <i>Analytical Methods</i> , 2014, 6, 9073-9077.	2.7	20
12	Effect of Adatom Doping on the Electrochemical Performance of 1T-MoS <sub>2</sub> for Oxygen Reduction Reactions. <i>Journal of Physical Chemistry C</i> , 2020, 124, 24899-24907.	3.1	20
13	Semi-heterogeneous photocatalytic fluoroalkylation-distal functionalization of unactivated alkenes with R <sub>F</sub> SO <sub>2</sub> Na under air atmosphere. <i>Green Chemistry</i> , 2021, 23, 9577-9582.	9.0	19
14	A facile Pt-doped g-C <sub>3</sub> N <sub>4</sub> photocatalytic biosensor for visual detection of superoxide dismutase in serum samples. <i>Sensors and Actuators B: Chemical</i> , 2020, 318, 128238.	7.8	17
15	Catalytic Asymmetric Piancatelli Rearrangement: Brønsted Acid Catalyzed 4- $\hat{1}$ -Electrocyclization for the Synthesis of Multisubstituted Cyclopentenones. <i>Angewandte Chemie</i> , 2016, 128, 14332-14336.	2.0	16
16	Heterogeneous photocatalytic cyanomethylarylation of alkenes with acetonitrile: synthesis of diverse nitrogenous heterocyclic compounds. <i>Beilstein Journal of Organic Chemistry</i> , 2021, 17, 1171-1180.	2.2	8
17	Tuning the phase stability and surface HER activity of 1T-MoS <sub>2</sub> by covalent chemical functionalization. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15852-15859.	5.5	8
18	<i>retro</i> -Aza-Piancatelli Rearrangement Triggered Cascade Reaction of Methyl Furylacrylates with Anilines to Access Cyclopentapyrrolidinones. <i>Journal of Organic Chemistry</i> , 2022, 87, 855-865.	3.2	6

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19	A triple-channel sensing array for protein discrimination based on multi-photoresponsive g-C <sub>3</sub> N <sub>4</sub> . <i>Mikrochimica Acta</i> , 2020, 187, 449.	5.0	4
20	Construction of metal (Mn, Ce, Eu)-containing species in CN nanocomposites with photo-responsive oxidase-mimicking activity for multi-antioxidant discrimination. <i>New Journal of Chemistry</i> , 2022, 46, 6670-6676.	2.8	1