

# Yu-Jing Lu

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51  
papers

1,127  
citations

18  
h-index

32  
g-index

53  
ext. papers

1,414  
ext. citations

5.7  
avg, IF

4.14  
L-index

#	Paper	IF	Citations
51	Synthesis and evaluation of quindoline derivatives as G-quadruplex inducing and stabilizing ligands and potential inhibitors of telomerase. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 7315-21	8.3	154
50	5-N-methylated quindoline derivatives as telomeric g-quadruplex stabilizing ligands: effects of 5-N positive charge on quadruplex binding affinity and cell proliferation. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 6381-92	8.3	110
49	Rational design of berberine-based FtsZ inhibitors with broad-spectrum antibacterial activity. <i>PLoS ONE</i> , <b>2014</b> , 9, e97514	3.7	66
48	A molecular fluorescent dye for specific staining and imaging of RNA in live cells: a novel ligand integration from classical thiazole orange and styryl compounds. <i>Chemical Communications</i> , <b>2015</b> , 51, 15241-4	5.8	65
47	Benzothiazole-substituted benzofuroquinolinium dye: a selective switch-on fluorescent probe for G-quadruplex. <i>Chemical Communications</i> , <b>2011</b> , 47, 4971-3	5.8	65
46	Molecular Engineering of Thiazole Orange Dye: Change of Fluorescent Signaling from Universal to Specific upon Binding with Nucleic Acids in Bioassay. <i>ACS Chemical Biology</i> , <b>2016</b> , 11, 1019-29	4.9	56
45	Antibacterial activity of N-methylbenzofuro[3,2-b]quinoline and N-methylbenzoindolo[3,2-b]quinoline derivatives and study of their mode of action. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 135, 1-11	6.8	49
44	In vitro and in vivo evaluation of the antidiabetic activity of ursolic acid derivatives. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 80, 502-8	6.8	41
43	New pyridinium-based fluorescent dyes: A comparison of symmetry and side-group effects on G-Quadruplex DNA binding selectivity and application in live cell imaging. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 81, 373-381	11.8	32
42	Design, synthesis and antibacterial evaluation of 2,4-disubstituted-6-thiophenyl-pyrimidines. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 161, 141-153	6.8	31
41	Quantitative determinations of seven fluorescent whitening agents in polystyrene and polyvinyl chloride plastics by ultrahigh performance liquid chromatography/tandem mass spectrometry. <i>Analytical Methods</i> , <b>2013</b> , 5, 6086	3.2	28
40	Network pharmacology, molecular docking integrated surface plasmon resonance technology reveals the mechanism of Toujie Quwen Granules against coronavirus disease 2019 pneumonia. <i>Phytomedicine</i> , <b>2021</b> , 85, 153401	6.5	27
39	A Thiazole Orange Derivative Targeting the Bacterial Protein FtsZ Shows Potent Antibacterial Activity. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 855	5.7	26
38	Sensitive and selective detection of uracil-DNA glycosylase activity with a new pyridinium luminescent switch-on molecular probe. <i>Analyst, The</i> , <b>2015</b> , 140, 5998-6004	5	25
37	Synthesis and biological evaluation of curcumin derivatives containing NSAIDs for their anti-inflammatory activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2015</b> , 25, 3044-51	2.9	22
36	Stabilization of VEGF G-quadruplex and inhibition of angiogenesis by quindoline derivatives. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2014</b> , 1840, 2970-7	4	21
35	Simultaneous determination of 11 restricted dyes in cosmetics by ultra high-performance liquid chromatography/tandem mass spectrometry. <i>Analytical Methods</i> , <b>2013</b> , 5, 1965	3.2	21

34	Sequential C-H and C-C Bond Cleavage: Divergent Constructions of Fused N-Heterocycles via Tunable Cascade. <i>ACS Catalysis</i> , <b>2019</b> , 9, 8749-8756	13.1	18
33	Antibacterial activity of 3-methylbenzo[d]thiazol-methylquinolinium derivatives and study of their action mechanism. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2018</b> , 33, 879-889	5.6	17
32	Antibacterial activity of indolyl-quinolinium derivatives and study their mode of action. <i>Bioorganic and Medicinal Chemistry</i> , <b>2019</b> , 27, 1274-1282	3.4	17
31	A quinoline-based FtsZ inhibitor for the study of antimicrobial activity and synergistic effects with $\beta$ -lactam antibiotics. <i>Journal of Pharmacological Sciences</i> , <b>2018</b> , 137, 283-289	3.7	16
30	Development of sensitive and selective food sensors using new Re(I)-Pt(II) bimetallic complexes to detect volatile biogenic sulfides formed by meat spoilage. <i>Food Chemistry</i> , <b>2017</b> , 216, 382-9	8.5	16
29	Study of Benzofuroquinolinium Derivatives as a New Class of Potent Antibacterial Agent and the Mode of Inhibition Targeting FtsZ. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 1937	5.7	15
28	New application of tiplaxtinin as an effective FtsZ-targeting chemotype for an antimicrobial study. <i>MedChemComm</i> , <b>2017</b> , 8, 1909-1913	5	15
27	Antibacterial evaluation and mode of action study of BIMQ, a novel bacterial cell division inhibitor. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 514, 1224-1230	3.4	13
26	A small-sized benzothiazole-indolium fluorescent probe: the study of interaction specificity targeting c-MYC promoter G-quadruplex structures and live cell imaging. <i>Chemical Communications</i> , <b>2020</b> , 56, 15016-15019	5.8	13
25	Review of Functionalized Nanomaterials for Photothermal Therapy of Cancers. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 11353-11385	5.6	13
24	Effects of ursolic acid derivatives on Caco-2 cells and their alleviating role in streptozocin-induced type 2 diabetic rats. <i>Molecules</i> , <b>2014</b> , 19, 12559-76	4.8	12
23	Catalyst displacement assay: a supramolecular approach for the design of smart latent catalysts for pollutant monitoring and removal. <i>Chemical Science</i> , <b>2017</b> , 8, 3812-3820	9.4	11
22	Antioxidant and anti-inflammatory properties of Chinese ilicifolius vegetable ( <i>Acanthopanax trifoliatum</i> (L) Merr) and its reference compounds. <i>Food Science and Biotechnology</i> , <b>2015</b> , 24, 1131-1138	3	11
21	Highly selective and sensitive colorimetric chemosensors for Hg <sup>2+</sup> based on novel diaminomaleonitrile derivatives. <i>RSC Advances</i> , <b>2016</b> , 6, 5503-5511	3.7	11
20	The Dynamics, energetics and selectivity of water chain-containing aquapores created by the self-assembly of aquafoldamer molecules. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 10613-9	3.9	10
19	Blocking the binding of WT1 to promoter by G-quadruplex ligand SYUIQ-FM05. <i>Biochemistry and Biophysics Reports</i> , <b>2016</b> , 5, 346-352	2.2	9
18	A newly isolated bacterium <i>Comamonas</i> sp. XL8 alleviates the toxicity of cadmium exposure in rice seedlings by accumulating cadmium. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 403, 123824	12.8	8
17	Antibacterial activity and mechanism of action of a thiophenyl substituted pyrimidine derivative.. <i>RSC Advances</i> , <b>2019</b> , 9, 10739-10744	3.7	6

16	Rational design of small-molecules to recognize G-quadruplexes of c-MYC promoter and telomere and the evaluation of their in vivo antitumor activity against breast cancer.. <i>Nucleic Acids Research</i> , <b>2022</b> ,	20.1	6
15	New Applications of Oleanolic Acid and its Derivatives as Cardioprotective Agents: A Review of their Therapeutic Perspectives. <i>Current Pharmaceutical Design</i> , <b>2019</b> , 25, 3740-3750	3.3	6
14	The in vitro and in vivo study of oleanolic acid indole derivatives as novel anti-inflammatory agents: Synthesis, biological evaluation, and mechanistic analysis. <i>Bioorganic Chemistry</i> , <b>2021</b> , 113, 104981	5.1	6
13	Production of high antioxidant activity flavonoid monoglucosides from citrus flavanone with immobilised $\beta$ -rhamnosidase in one step. <i>International Journal of Food Science and Technology</i> , <b>2019</b> , 54, 2854-2862	3.8	5
12	Synthesis of fluorescent G-quadruplex DNA binding ligands for the comparison of terminal group effects in molecular interaction: Phenol versus methoxybenzene. <i>Bioorganic Chemistry</i> , <b>2020</b> , 99, 103821 <sup>5.1</sup>	5.1	5
11	Enzymatic production of natural sweetener trilobatin from citrus flavanone naringin using immobilised $\beta$ -rhamnosidase as the catalyst. <i>International Journal of Food Science and Technology</i> , <b>2018</b> , 53, 2097-2103	3.8	5
10	Dispersive liquid-liquid microextraction combined with ultrahigh performance liquid chromatography/tandem mass spectrometry for determination of organophosphate esters in aqueous samples. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 162465	2.2	5
9	Probing the benzofuroquinolinium derivative as a potent antibacterial agent through the inhibition of FtsZ activity. <i>Journal of Pharmacological Sciences</i> , <b>2018</b> , 138, 83-85	3.7	5
8	The study of citrus-derived flavonoids as effective bitter taste inhibitors. <i>Journal of the Science of Food and Agriculture</i> , <b>2021</b> , 101, 5163-5171	4.3	4
7	Understanding the interaction of estrogenic ligands with estrogen receptors: a survey of the functional and binding kinetic studies. <i>Journal of Environmental Science and Health, Part C: Toxicology and Carcinogenesis</i> , <b>2020</b> , 38, 142-168	1.6	3
6	Design mitochondria-specific fluorescent turn-on probes targeting G-quadruplexes for live cell imaging and mitophagy monitoring study. <i>Chemical Engineering Journal</i> , <b>2022</b> , 136947	14.7	3
5	A propeller-like small molecule as a novel G-quadruplex DNA binder: The study of fluorescent sensing property and preferential interactions with human telo21 structure. <i>Chemical Biology and Drug Design</i> , <b>2019</b> , 93, 979-985	2.9	2
4	Microbiome analysis combined with targeted metabolomics reveal immunological anti-tumor activity of icaraside I in a melanoma mouse model. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 140, 111542 <sup>7.5</sup>	7.5	2
3	Molecular Interaction Kinetics and Mechanism Study of Phytohormones and Plant Protein with Fluorescence and Synchronous Fluorescence Techniques. <i>ChemistrySelect</i> , <b>2017</b> , 2, 3993-4000	1.8	0
2	Design and synthesis of quinolinium-based derivatives targeting FtsZ for antibacterial evaluation and mechanistic study.. <i>European Journal of Medicinal Chemistry</i> , <b>2022</b> , 236, 114360	6.8	0
1	A smart small molecule as specific fluorescent probe for sensitive recognition of mitochondrial DNA G-Quadruplexes. <i>Chemical Engineering Journal</i> , <b>2022</b> , 441, 135977	14.7	0