

Zhenwei Tang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

519
citations

759233

12
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

535
citing authors

#	ARTICLE	IF	CITATIONS
1	Assays for alkaline phosphatase activity: Progress and prospects. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 113, 32-43.	11.4	143
2	Recent advances on G-quadruplex for biosensing, bioimaging and cancer therapy. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 139, 116257.	11.4	52
3	CECR2 drives breast cancer metastasis by promoting NF- κ B signaling and macrophage-mediated immune suppression. <i>Science Translational Medicine</i> , 2022, 14, eabf5473.	12.4	51
4	Colorimetric determination of the activity of alkaline phosphatase based on the use of Cu(II)-modulated G-quadruplex-based DNAzymes. <i>Mikrochimica Acta</i> , 2018, 185, 109.	5.0	48
5	Label-free and nicking enzyme-assisted fluorescence signal amplification for RNase H determination based on a G-quadruplexe/thioflavin T complex. <i>Talanta</i> , 2018, 182, 142-147.	5.5	35
6	A novel fluorescent assay based on DNAzyme-assisted detection of prostate specific antigen for signal amplification. <i>Analytica Chimica Acta</i> , 2020, 1104, 172-179.	5.4	34
7	A fluorometric aptamer based assay for prostate specific antigen based on enzyme-assisted target recycling. <i>Sensors and Actuators B: Chemical</i> , 2020, 302, 127178.	7.8	28
8	Contributing to liquid biopsy: Optical and electrochemical methods in cancer biomarker analysis. <i>Coordination Chemistry Reviews</i> , 2020, 415, 213317.	18.8	28
9	Role of purines in regulation of metabolic reprogramming. <i>Purinergic Signalling</i> , 2019, 15, 423-438.	2.2	27
10	Integrative transcriptomic, proteomic, and machine learning approach to identifying feature genes of atrial fibrillation using atrial samples from patients with valvular heart disease. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 52.	1.7	18
11	A novel label-free colorimetric detection of l-histidine using Cu ²⁺ -modulated G-quadruplex-based DNAzymes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 203, 195-200.	3.9	17
12	Association of exposure to artificial light at night with atopic diseases: A cross-sectional study in college students. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 241, 113932.	4.3	13
13	Risk of Herpes Zoster Among Psoriasis Patients Taking Biologics: A Network Meta-Analysis of Cohort Studies. <i>Frontiers in Medicine</i> , 2021, 8, 665559.	2.6	7
14	Label-free one-step fluorescent method for the detection of endonuclease activity based on thioflavin T/G-quadruplex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117823.	3.9	6
15	Association Between Atopic Dermatitis, Asthma, and Serum Lipids: A UK Biobank Based Observational Study and Mendelian Randomization Analysis. <i>Frontiers in Medicine</i> , 2022, 9, 810092.	2.6	5
16	A fluorescent assay for alkaline phosphatase activity based on phosphorylation protection and DNAzyme-assisted amplification. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 279, 121398.	3.9	3
17	Detection of Streptavidin Based on Terminal Protection and Cationic Conjugated Polymer-Mediated Fluorescence Resonance Energy Transfer. <i>Polymers</i> , 2021, 13, 725.	4.5	2
18	Association between transferrin saturation and celiac disease: A two-sample Mendelian randomization study. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 1575-1577.	2.6	2

#	ARTICLE	IF	CITATIONS
19	Achieving physical examination competence through optimizing hands-on practice cycles: a prospective cohort comparative study of medical students. PeerJ, 2021, 9, e12544.	2.0	0