

Long

List of Publications by Year in Descending Order

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Version: 2024-04-10

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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.

16 papers	209 citations	9 h-index	14 g-index
16 ext. papers	401 ext. citations	6.5 avg, IF	3.51 L-index

#	Paper	IF	Citations
16	A smartphone-based visual biosensor for CRISPR-Cas powered SARS-CoV-2 diagnostics. <i>Biosensors and Bioelectronics</i> , 2022 , 195, 113646	11.8	9
15	CRISPR-Cas12a-Powered Dual-Mode Biosensor for Ultrasensitive and Cross-validating Detection of Pathogenic Bacteria. <i>ACS Sensors</i> , 2021 , 6, 2920-2927	9.2	24
14	Ultrasensitive pathogenic bacteria detection by a smartphone-read G-quadruplex-based CRISPR-Cas12a bioassay. <i>Sensors and Actuators B: Chemical</i> , 2021 , 347, 130586	8.5	5
13	Polyphenol-Rich Extract from Seeds Alleviates Hypertension-Induced Renal Damage in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 2138-2148	5.7	5
12	Integration of logic gates to CRISPR/Cas12a system for rapid and sensitive detection of pathogenic bacterial genes. <i>Analytica Chimica Acta</i> , 2020 , 1125, 162-168	6.6	18
11	Curcumin-enhanced antitumor effects of sorafenib via regulating the metabolism and tumor microenvironment. <i>Food and Function</i> , 2020 , 11, 6422-6432	6.1	6
10	Polyethyleneimine coated FeO magnetic nanoparticles induce autophagy, NF- κ B and TGF- β signaling pathway activation in HeLa cervical carcinoma cells via reactive oxygen species generation. <i>Biomaterials Science</i> , 2020 , 8, 201-211	7.4	9
9	Self-assembled nano-aggregates of fluorinases demonstrate enhanced enzymatic activity, thermostability and reusability. <i>Biomaterials Science</i> , 2020 , 8, 648-656	7.4	3
8	CRISPR-Cas13a based bacterial detection platform: Sensing pathogen <i>Staphylococcus aureus</i> in food samples. <i>Analytica Chimica Acta</i> , 2020 , 1127, 225-233	6.6	27
7	Diosgenyl Saponin Inducing Endoplasmic Reticulum Stress and Mitochondria-Mediated Apoptotic Pathways in Liver Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 11428-11435	5.7	9
6	Discovery of Myricetin as a Potent Inhibitor of Human Flap Endonuclease 1, Which Potentially Can Be Used as Sensitizing Agent against HT-29 Human Colon Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 1656-1665	5.7	27
5	Cardiac Glycoside Compound Isolated from <i>Franch</i> Displays Potent Toxicity against HeLa Cervical Carcinoma Cells through ROS-Independent Autophagy. <i>Chemical Research in Toxicology</i> , 2019 , 32, 2479-2487	4.8	4
4	A cardiac glycoside HTF-1 isolated from <i>Helleborus thibetanus</i> Franch displays potent in vitro anti-cancer activity via caspase-9, MAPK and PI3K-Akt-mTOR pathways. <i>European Journal of Medicinal Chemistry</i> , 2018 , 158, 743-752	6.8	14
3	A triterpenoidal saponin fraction of <i>Conyza blinii</i> H.L. is a dual-targeting autophagy inhibitor for HeLa cells. <i>RSC Advances</i> , 2017 , 7, 24291-24297	3.7	12
2	Design of an aptamer based fluorescence displacement biosensor for selective and sensitive detection of kanamycin in aqueous samples. <i>RSC Advances</i> , 2017 , 7, 38512-38518	3.7	25
1	Polyethylenimine-coated FeO nanoparticles effectively quench fluorescent DNA, which can be developed as a novel platform for protein detection. <i>Nanoscale</i> , 2017 , 9, 17699-17703	7.7	12