

# Long

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1667009/publications.pdf>

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16  
papers

585  
citations

687363

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940533

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506  
citing authors

#	ARTICLE	IF	CITATIONS
1	CRISPR-Cas12a-Powered Dual-Mode Biosensor for Ultrasensitive and Cross-validating Detection of Pathogenic Bacteria. <i>ACS Sensors</i> , 2021, 6, 2920-2927.	7.8	97
2	CRISPR-Cas13a based bacterial detection platform: Sensing pathogen <i>Staphylococcus aureus</i> in food samples. <i>Analytica Chimica Acta</i> , 2020, 1127, 225-233.	5.4	90
3	A smartphone-based visual biosensor for CRISPR-Cas powered SARS-CoV-2 diagnostics. <i>Biosensors and Bioelectronics</i> , 2022, 195, 113646.	10.1	79
4	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.	5.2	54
5	Ultrasensitive pathogenic bacteria detection by a smartphone-read G-quadruplex-based CRISPR-Cas12a bioassay. <i>Sensors and Actuators B: Chemical</i> , 2021, 347, 130586.	7.8	48
6	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.	5.4	45
7	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.	3.6	30
8	Curcumin-enhanced antitumor effects of sorafenib <i>via</i> regulating the metabolism and tumor microenvironment. <i>Food and Function</i> , 2020, 11, 6422-6432.	4.6	27
9	A cardiac glycoside HTF-1 isolated from <i>Helleborus thibetanus</i> Franch displays potent <i>in vitro</i> anti-cancer activity <i>via</i> caspase-9, MAPK and PI3K-Akt-mTOR pathways. <i>European Journal of Medicinal Chemistry</i> , 2018, 158, 743-752.	5.5	22
10	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.	5.2	18
11	Polyethyleneimine coated Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles induce autophagy, NF- $\kappa$ B and TGF- $\beta$ 2 signaling pathway activation in HeLa cervical carcinoma cells <i>via</i> reactive oxygen species generation. <i>Biomaterials Science</i> , 2020, 8, 201-211.	5.4	17
12	Polyphenol-Rich Extract from <i>Litchi chinensis</i> Seeds Alleviates Hypertension-Induced Renal Damage in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 2138-2148.	5.2	17
13	Polyethylenimine-coated Fe <sub>3</sub> O <sub>4</sub> nanoparticles effectively quench fluorescent DNA, which can be developed as a novel platform for protein detection. <i>Nanoscale</i> , 2017, 9, 17699-17703.	5.6	15
14	A triterpenoidal saponin fraction of <i>Conyza blinii</i> H.L.Å©v. is a dual-targeting autophagy inhibitor for HeLa cells. <i>RSC Advances</i> , 2017, 7, 24291-24297.	3.6	13
15	Self-assembled nano-aggregates of fluorinases demonstrate enhanced enzymatic activity, thermostability and reusability. <i>Biomaterials Science</i> , 2020, 8, 648-656.	5.4	7
16	Cardiac Glycoside Compound Isolated from <i>Helleborus thibetanus</i> Franch Displays Potent Toxicity against HeLa Cervical Carcinoma Cells through ROS-Independent Autophagy. <i>Chemical Research in Toxicology</i> , 2019, 32, 2479-2487.	3.3	6