Kari Kopra

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1237827/publications.pdf

Version: 2024-02-01

31	353	933447	888059
papers	citations	10 h-index	17 g-index

33	33	33	452
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Specific cancer-associated mutations in the switch III region of Ras increase tumorigenicity by nanocluster augmentation. ELife, 2015, 4, e08905.	6.0	45
2	eIF4A2 drives repression of translation at initiation by Ccr4-Not through purine-rich motifs in the 5â€²UTR. Genome Biology, 2019, 20, 262.	8.8	39
3	Non-competitive aptamer-based quenching resonance energy transfer assay for homogeneous growth factor quantification. Analyst, The, 2014, 139, 2016.	3.5	29
4	Homogeneous Dual-Parametric-Coupled Assay for Simultaneous Nucleotide Exchange and KRAS/RAF-RBD Interaction Monitoring. Analytical Chemistry, 2020, 92, 4971-4979.	6.5	29
5	A homogeneous quenching resonance energy transfer assay for the kinetic analysis of the GTPase nucleotide exchange reaction. Analytical and Bioanalytical Chemistry, 2014, 406, 4147-4156.	3.7	22
6	Quenching resonance energy transfer (QRET): a single-label technique for inhibitor screening and interaction studies. New Biotechnology, 2015, 32, 575-580.	4.4	20
7	Sensitive Label-Free Thermal Stability Assay for Protein Denaturation and Proteinâ€“Ligand Interaction Studies. Analytical Chemistry, 2020, 92, 3512-3516.	6.5	18
8	Nanomolar Proteinâ€“Protein Interaction Monitoring with a Label-Free Protein-Probe Technique. Analytical Chemistry, 2020, 92, 15781-15788.	6.5	15
9	High-Throughput Dual Screening Method for Ras Activities and Inhibitors. Analytical Chemistry, 2017, 89, 4508-4516.	6.5	13
10	High-throughput amenable fluorescence-assays to screen for calmodulin-inhibitors. Analytical Biochemistry, 2019, 572, 25-32.	2.4	13
11	Time-resolved fluorescence-based assay for rapid detection of Escherichia coli. Analytical Biochemistry, 2015, 470, 1-6.	2.4	11
12	Thermal Shift Assay for Small GTPase Stability Screening: Evaluation and Suitability. International Journal of Molecular Sciences, 2022, 23, 7095.	4.1	10
13	Multiparametric Homogeneous Method for Identification of Ligand Binding to G Protein-Coupled Receptors: Receptorâ€“Ligand Binding and Î²-Arrestin Assay. Analytical Chemistry, 2013, 85, 2276-2281.	6.5	9
14	GTP-Specific Fab Fragment-Based GTPase Activity Assay. Analytical Chemistry, 2015, 87, 3527-3534.	6.5	9
15	Toward universal protein post-translational modification detection in high throughput format. Chemical Communications, 2018, 54, 2910-2913.	4.1	9
16	Aptamer-directed lanthanide chelate self-assembly for rapid thrombin detection. Analyst, The, 2013, 138, 5107.	3.5	8
17	A homogeneous single-label quenching resonance energy transfer assay for a Î´-opioid receptorâ€“ligand using intact cells. Analyst, The, 2013, 138, 4907.	3.5	8
18	Sensitive, homogeneous, and label-free protein-probe assay for antibody aggregation and thermal stability studies. MAbs, 2021, 13, 1955810.	5.2	7

#	Article	IF	Citations
19	Peptic Fluorescent â€œSignal-Onâ€•and â€œSignal-Offâ€•Sensors Utilized for the Detection Protein Post-Translational Modifications. ACS Omega, 2019, 4, 4269-4275.	3.5	6
20	Single-Peptide TR-FRET Detection Platform for Cysteine-Specific Post-Translational Modifications. Analytical Chemistry, 2020, 92, 13202-13210.	6.5	6
21	Protease Substrate-Independent Universal Assay for Monitoring Digestion of Native Unmodified Proteins. International Journal of Molecular Sciences, 2021, 22, 6362.	4.1	6
22	Homogeneous single-label tyrosine kinase activity assay for high throughput screening. Analytica Chimica Acta, 2015, 897, 96-101.	5.4	5
23	QTR-FRET: Efficient background reduction technology in time-resolved fÃ¶rster resonance energy transfer assays. Analytica Chimica Acta, 2019, 1092, 93-101.	5.4	4
24	Homogeneous peptide-break assay for luminescent detection of enzymatic protein post-translational modification activity utilizing charged peptides. Analytica Chimica Acta, 2019, 1055, 126-132.	5.4	4
25	Thermal Dissociation Assay for Time-Resolved Fluorescence Detection of Protein Post-Translational Modifications. ACS Omega, 2019, 4, 16501-16507.	3.5	2
26	Homogeneous single-label cGMP detection platform for the functional study of nitric oxide-sensitive (soluble) guanylyl cyclases and cGMP-specific phosphodiesterases. Scientific Reports, 2020, 10, 17469.	3.3	2
27	Rapid high-throughput compatible label-free virus particle quantification method based on time-resolved luminescence. Analytical and Bioanalytical Chemistry, 2022, 414, 4509-4518.	3.7	2
28	Label-Free Time-Gated Luminescent Detection Method for the Nucleotides with Varying Phosphate Content. Sensors, 2018, 18, 3989.	3.8	1
29	Methods to Monitor Ras Activation State. Methods in Molecular Biology, 2021, 2262, 137-167.	0.9	1
30	A homogeneous quenching resonance energy transfer assay for H-Ras activation cycle monitoring and inhibitor screening. New Biotechnology, 2014, 31, S37.	4.4	0
31	Abstract A13: eIF4a paralogue switching drives opposing phenotypes in cancer by specific reprogramming of gene expression. , 2017, , .		0