

# Kari Kopra

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

353  
citations

932766

10  
h-index

887659

17  
g-index

33  
all docs

33  
docs citations

33  
times ranked

452  
citing authors

#	ARTICLE	IF	CITATIONS
1	Specific cancer-associated mutations in the switch III region of Ras increase tumorigenicity by nanocluster augmentation. <i>ELife</i> , 2015, 4, e08905.	2.8	45
2	eIF4A2 drives repression of translation at initiation by Ccr4-Not through purine-rich motifs in the 5'UTR. <i>Genome Biology</i> , 2019, 20, 262.	3.8	39
3	Non-competitive aptamer-based quenching resonance energy transfer assay for homogeneous growth factor quantification. <i>Analyst, The</i> , 2014, 139, 2016.	1.7	29
4	Homogeneous Dual-Parametric-Coupled Assay for Simultaneous Nucleotide Exchange and KRAS/RAF-RBD Interaction Monitoring. <i>Analytical Chemistry</i> , 2020, 92, 4971-4979.	3.2	29
5	A homogeneous quenching resonance energy transfer assay for the kinetic analysis of the GTPase nucleotide exchange reaction. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4147-4156.	1.9	22
6	Quenching resonance energy transfer (QRET): a single-label technique for inhibitor screening and interaction studies. <i>New Biotechnology</i> , 2015, 32, 575-580.	2.4	20
7	Sensitive Label-Free Thermal Stability Assay for Protein Denaturation and Protein-Ligand Interaction Studies. <i>Analytical Chemistry</i> , 2020, 92, 3512-3516.	3.2	18
8	Nanomolar Protein-Protein Interaction Monitoring with a Label-Free Protein-Probe Technique. <i>Analytical Chemistry</i> , 2020, 92, 15781-15788.	3.2	15
9	High-Throughput Dual Screening Method for Ras Activities and Inhibitors. <i>Analytical Chemistry</i> , 2017, 89, 4508-4516.	3.2	13
10	High-throughput amenable fluorescence-assays to screen for calmodulin-inhibitors. <i>Analytical Biochemistry</i> , 2019, 572, 25-32.	1.1	13
11	Time-resolved fluorescence-based assay for rapid detection of Escherichia coli. <i>Analytical Biochemistry</i> , 2015, 470, 1-6.	1.1	11
12	Thermal Shift Assay for Small GTPase Stability Screening: Evaluation and Suitability. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7095.	1.8	10
13	Multiparametric Homogeneous Method for Identification of Ligand Binding to G Protein-Coupled Receptors: Receptor-Ligand Binding and $\beta^2$ -Arrestin Assay. <i>Analytical Chemistry</i> , 2013, 85, 2276-2281.	3.2	9
14	GTP-Specific Fab Fragment-Based GTPase Activity Assay. <i>Analytical Chemistry</i> , 2015, 87, 3527-3534.	3.2	9
15	Toward universal protein post-translational modification detection in high throughput format. <i>Chemical Communications</i> , 2018, 54, 2910-2913.	2.2	9
16	Aptamer-directed lanthanide chelate self-assembly for rapid thrombin detection. <i>Analyst, The</i> , 2013, 138, 5107.	1.7	8
17	A homogeneous single-label quenching resonance energy transfer assay for a $\beta$ -opioid receptor-ligand using intact cells. <i>Analyst, The</i> , 2013, 138, 4907.	1.7	8
18	Sensitive, homogeneous, and label-free protein-probe assay for antibody aggregation and thermal stability studies. <i>MABs</i> , 2021, 13, 1955810.	2.6	7

#	ARTICLE	IF	CITATIONS
19	Peptic Fluorescent "Signal-On" and "Signal-Off" Sensors Utilized for the Detection Protein Post-Translational Modifications. ACS Omega, 2019, 4, 4269-4275.	1.6	6
20	Single-Peptide TR-FRET Detection Platform for Cysteine-Specific Post-Translational Modifications. Analytical Chemistry, 2020, 92, 13202-13210.	3.2	6
21	Protease Substrate-Independent Universal Assay for Monitoring Digestion of Native Unmodified Proteins. International Journal of Molecular Sciences, 2021, 22, 6362.	1.8	6
22	Homogeneous single-label tyrosine kinase activity assay for high throughput screening. Analytica Chimica Acta, 2015, 897, 96-101.	2.6	5
23	QTR-FRET: Efficient background reduction technology in time-resolved Förster resonance energy transfer assays. Analytica Chimica Acta, 2019, 1092, 93-101.	2.6	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.	2.6	4
25	Thermal Dissociation Assay for Time-Resolved Fluorescence Detection of Protein Post-Translational Modifications. ACS Omega, 2019, 4, 16501-16507.	1.6	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.	1.6	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.	1.9	2
28	Label-Free Time-Gated Luminescent Detection Method for the Nucleotides with Varying Phosphate Content. Sensors, 2018, 18, 3989.	2.1	1
29	Methods to Monitor Ras Activation State. Methods in Molecular Biology, 2021, 2262, 137-167.	0.4	1
30	A homogeneous quenching resonance energy transfer assay for H-Ras activation cycle monitoring and inhibitor screening. New Biotechnology, 2014, 31, S37.	2.4	0
31	Abstract A13: eIF4a paralogue switching drives opposing phenotypes in cancer by specific reprogramming of gene expression. , 2017, , .		0