Vinoth Kumar Rajendran

List of Publications by Year
in descending order

11 papers	334 citations	933447 10 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	556 citing authors

#	Article	IF	Citations
1	Smartphone technology facilitates point-of-care nucleic acid diagnosis: a beginner's guide. Critical Reviews in Clinical Laboratory Sciences, 2021, 58, 77-100.	6.1	13
2	Highly specific detection of KRAS single nucleotide polymorphism by asymmetric PCR/SERS assay. Analyst, The, 2021, 146, 5714-5721.	3.5	10
3	Multiplex detection of ctDNA mutations in plasma of colorectal cancer patients by PCR/SERS assay. Nanotheranostics, 2020, 4, 224-232.	5.2	25
4	Rapid and specific duplex detection of methicillin-resistant *Staphylococcus aureus* genes by surface-enhanced Raman spectroscopy. Analyst, The, 2020, 145, 2789-2794.	3.5	18
5	Sensitive and Direct DNA Mutation Detection by Surface-Enhanced Raman Spectroscopy Using Rational Designed and Tunable Plasmonic Nanostructures. Analytical Chemistry, 2020, 92, 5708-5716.	6.5	50
6	Smartphone detection of antibiotic resistance using convective PCR and a lateral flow assay. Sensors and Actuators B: Chemical, 2019, 298, 126849.	7.8	40
7	Linker-protein G mediated functionalization of polystyrene-encapsulated upconversion nanoparticles for rapid gene assay using convective PCR. Mikrochimica Acta, 2019, 186, 346.	5.0	5
8	A portable nucleic acid detection system using natural convection combined with a smartphone. Biosensors and Bioelectronics, 2019, 134, 68-75.	10.1	35
9	Cadmium-Induced Embryopathy: Nitric Oxide Rescues Teratogenic Effects of Cadmium. Toxicological Sciences, 2015, 144, 90-104.	3.1	28
10	Smartphone based bacterial detection using biofunctionalized fluorescent nanoparticles. Mikrochimica Acta, 2014, 181, 1815-1821.	5.0	86
11	Immunomagnetic nanoparticle based quantitative PCR for rapid detection of Salmonella. Mikrochimica Acta, 2013, 180, 1241-1248.	5.0	24