

Raja muthuramalingam Thangavelu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ultrasensitive nano-gold labelled, duplex lateral flow immunochromatographic assay for early detection of sugarcane mosaic viruses. <i>Scientific Reports</i> , 2022, 12, 4144.	3.3	17
2	Fabrication of virus metal hybrid nanomaterials: An ideal reference for bio semiconductor. <i>Arabian Journal of Chemistry</i> , 2020, 13, 2750-2765.	4.9	43
3	First Report of Tomato Leaf Curl New Delhi Virus Infecting <i>Crossandra infundibuliformis</i> in India. <i>Plant Disease</i> , 2020, 104, 999.	1.4	11
4	Scanometric Detection of Tomato Leaf Curl New Delhi Viral DNA Using Mono- and Bifunctional AuNP-Conjugated Oligonucleotide Probes. <i>ACS Omega</i> , 2019, 4, 10094-10107.	3.5	18
5	Synthesis and characterization of biocompatible acetaminophen stabilized gold nanoparticles. <i>Materials Research Express</i> , 2019, 6, 095043.	1.6	5
6	Effect of Deoxycholate Capped Silver Nanoparticles in Seed Dormancy Breaking of <i>Withania somnifera</i> . <i>Current Science</i> , 2019, 116, 952.	0.8	9
7	Nanobiotechnology approach using plant rooting hormone synthesized silver nanoparticle as “nanobullets” for the dynamic applications in horticulture – An in vitro and ex vitro study. <i>Arabian Journal of Chemistry</i> , 2018, 11, 48-61.	4.9	51
8	Developing a Programmable, Self-Assembling <i>Squash Leaf Curl China Virus</i> (SLCCNV) Capsid Proteins into “Nanocargo”-like Architecture. <i>ACS Applied Bio Materials</i> , 2018, 1, 1741-1757.	4.6	4
9	DNA templated self-assembly of gold nanoparticle clusters in the colorimetric detection of plant viral DNA using a gold nanoparticle conjugated bifunctional oligonucleotide probe. <i>RSC Advances</i> , 2016, 6, 11773-11785.	3.6	31
10	Preparation, characterization and application of antibody-conjugated magnetic nanoparticles in the purification of begomovirus. <i>RSC Advances</i> , 2015, 5, 99820-99831.	3.6	32
11	Highly responsive glutathione functionalized green AuNP probe for precise colorimetric detection of Cd ²⁺ contamination in the environment. <i>RSC Advances</i> , 2015, 5, 69124-69133.	3.6	37
12	Bioactive bile salt-capped silver nanoparticles activity against destructive plant pathogenic fungi through in vitro system. <i>RSC Advances</i> , 2015, 5, 71174-71182.	3.6	31
13	Gold nanoparticles assisted characterization of amine functionalized polystyrene multiwell plate and glass slide surfaces. <i>Applied Nanoscience (Switzerland)</i> , 2015, 5, 39-50.	3.1	22