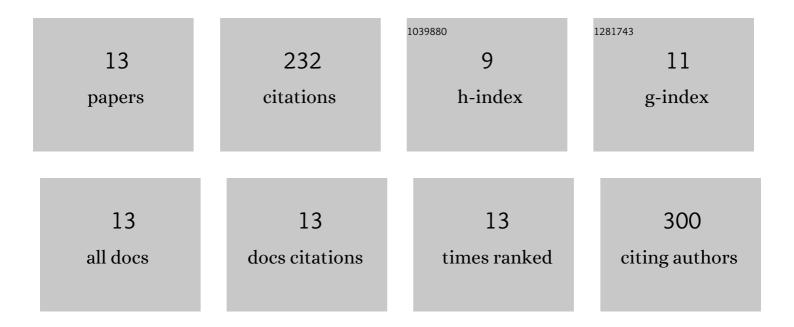
Theyagarajan K

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Aldehyde functionalized ionic liquid on electrochemically reduced graphene oxide as a versatile platform for covalent immobilization of biomolecules and biosensing. Biosensors and Bioelectronics, 2018, 103, 104-112.	5.3	55
2	Electrochemical biosensor for the detection of hydrogen peroxide using cytochrome c covalently immobilized on carboxyl functionalized ionic liquid/multiwalled carbon nanotube hybrid. Applied Surface Science, 2019, 492, 718-725.	3.1	36
3	Highly sensitive electrochemical detection of E. coli O157:H7 using conductive carbon dot/ZnO nanorod/PANI composite electrode. Sensing and Bio-Sensing Research, 2020, 29, 100317.	2.2	34
4	Novel biomass-derived porous-graphitic carbon coated iron oxide nanocomposite as an efficient electrocatalyst for the sensitive detection of rutin (vitamin P) in food and environmental samples. Environmental Research, 2022, 211, 113012.	3.7	18
5	Gold Nanoparticle-Redox Ionic Liquid based Nanoconjugated Matrix as a Novel Multifunctional Biosensing Interface. ACS Biomaterials Science and Engineering, 2020, 6, 6076-6085.	2.6	17
6	Facile strategy for immobilizing horseradish peroxidase on a novel acetate functionalized ionic liquid/MWCNT matrix for electrochemical biosensing. International Journal of Biological Macromolecules, 2020, 163, 358-365.	3.6	17
7	Rationally designed naphthyl substituted amine functionalized ionic liquid platform for covalent immobilization and direct electrochemistry of hemoglobin. Scientific Reports, 2019, 9, 10428.	1.6	16
8	Direct electrochemistry of covalently immobilized hemoglobin on a naphthylimidazolium butyric acid ionic liquid/MWCNT matrix. Colloids and Surfaces B: Biointerfaces, 2021, 199, 111540.	2.5	15
9	Viologen-terminated polyamidoamine (PAMAM) dendrimer encapsulated with gold nanoparticles for nonenzymatic determination of hydrogen peroxide. Materials Today Chemistry, 2020, 16, 100274.	1.7	11
10	Quaternary Ammonium Based Carboxyl Functionalized Ionic Liquid for Covalent Immobilization of Horseradish Peroxidase and Development of Electrochemical Hydrogen Peroxide Biosensor. Electroanalysis, 2020, 32, 2422-2430.	1.5	8
11	Porous graphene oxide based disposable non-enzymatic electrochemical sensor for the determination of nicotinamide adenine dinucleotide. Micro and Nano Engineering, 2022, 15, 100133.	1.4	4
12	Metal oxide-graphene nanocomposite modified electrochemical sensors for toxic chemicals. , 2021, , 139-171.		1
13	CHAPTER 11. Quantum Dots-based Disposable Sensors. RSC Detection Science, 2021, , 314-352.	0.0	0