Sheetal Chawla

List of Publications by Year
in descending order

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22	1,162	471509 17	677142 22
papers	citations	h-index	g-index

22	22	22	1850
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Engulfment of Hbâ€activated platelets differentiates monocytes into proâ€inflammatory macrophages in PNH patients. European Journal of Immunology, 2018, 48, 1285-1294.	2.9	8
2	An electrochemical sensor for detection of neurotransmitter-acetylcholine using metal nanoparticles, 2D material and conducting polymer modified electrode. Biosensors and Bioelectronics, 2017, 89, 377-383.	10.1	147
3	Development of pro-inflammatory phenotype in monocytes after engulfing Hb-activated platelets in hemolytic disorders. Clinical Immunology, 2017, 175, 133-142.	3.2	12
4	HbS Binding to GP1bÎ± Activates Platelets in Sickle Cell Disease. PLoS ONE, 2016, 11, e0167899.	2.5	20
5	Hemoglobin interaction with GP1bÂ induces platelet activation and apoptosis: a novel mechanism associated with intravascular hemolysis. Haematologica, 2015, 100, 1526-1533.	3.5	42
6	Typeâ€2 diabetes: Current understanding and future perspectives. IUBMB Life, 2015, 67, 506-513.	3.4	102
7	Determination of glycated hemoglobin with special emphasis on biosensing methods. Analytical Biochemistry, 2014, 444, 47-56.	2.4	52
8	Salinity induced oxidative stress and antioxidant system in salt-tolerant and salt-sensitive cultivars of rice (Oryza sativa L.). Journal of Plant Biochemistry and Biotechnology, 2013, 22, 27-34.	1.7	147
9	Construction of an amperometric polyphenol biosensor based on PVA membrane. Journal of Food Measurement and Characterization, 2013, 7, 22-28.	3.2	6
10	Development of an Amperometric Polyphenol Biosensor Based on Fungal Laccase Immobilized on Nitrocellulose Membrane. Artificial Cells, Blood Substitutes, and Biotechnology, 2012, 40, 163-170.	0.9	8
11	An amperometric hemoglobin A1c biosensor based on immobilization of fructosyl amino acid oxidase onto zinc oxide nanoparticlesâ€“polypyrrole film. Analytical Biochemistry, 2012, 430, 156-162.	2.4	43
12	Amperometric determination of total phenolic content in wine by laccase immobilized onto silver nanoparticles/zinc oxide nanoparticles modified gold electrode. Analytical Biochemistry, 2012, 430, 16-23.	2.4	61
13	An amperometric biosensor based on laccase immobilized onto MnO2NPs/cMWCNT/PANI modified Au electrode. International Journal of Biological Macromolecules, 2012, 51, 175-181.	7.5	22
14	An amperometric biosensor based on laccase immobilized onto nickel nanoparticles/carboxylated multiwalled carbon nanotubes/polyaniline modified gold electrode for determination of phenolic content in fruit juices. Biochemical Engineering Journal, 2012, 68, 76-84.	3.6	63
15	An amperometric biosensor based on laccase immobilized onto Fe3O4NPs/cMWCNT/PANI/Au electrode for determination of phenolic content in tea leaves extract. Enzyme and Microbial Technology, 2012, 51, 179-185.	3.2	39
16	An electrochemical sulfite biosensor based on gold coated magnetic nanoparticles modified gold electrode. Biosensors and Bioelectronics, 2012, 31, 144-150.	10.1	94
17	An amperometric polyphenol biosensor based on laccase immobilized on epoxy resin membrane. Analytical Methods, 2011, 3, 709.	2.7	21
18	Fabrication of polyphenol biosensor based on laccase immobilized on copper nanoparticles/chitosan/multiwalled carbon nanotubes/polyaniline-modified gold electrode. Journal of Biotechnology, 2011, 156, 39-45.	3.8	63

#	Article	IF	Citations
19	Polyphenol biosensor based on laccase immobilized onto silver nanoparticles/multiwalled carbon nanotube/polyaniline gold electrode. Analytical Biochemistry, 2011, 419, 196-204.	2.4	82
20	Development of an amperometric sulfite biosensor based on a gold nanoparticles/chitosan/multiwalled carbon nanotubes/polyaniline-modified gold electrode. Analytical and Bioanalytical Chemistry, 2011, 401, 2599-2608.	3.7	55
21	An electrochemical biosensor for fructosyl valine for glycosylated hemoglobin detection based on coreâ€“shell magnetic bionanoparticles modified gold electrode. Biosensors and Bioelectronics, 2011, 26, 3438-3443.	10.1	63
22	An amperometric polyphenol biosensor based on polyvinyl chloride membrane. Analytical Methods, 2010, 2, 1106.	2.7	12