Anando Devadoss

List of Publications by Year
in descending order

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10	683	933447 10	1372567 10
papers	citations	h-index	g-index

10	10	10	1016
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Azide-Modified Graphitic Surfaces for Covalent Attachment of Alkyne-Terminated Molecules by â€œClickâ€• Chemistry. Journal of the American Chemical Society, 2007, 129, 5370-5371.	13.7	208
2	Electrocatalytic O₂ Reduction by Covalently Immobilized Mononuclear Copper(I) Complexes: Evidence for a Binuclear Cu₂O₂ Intermediate. Journal of the American Chemical Society, 2011, 133, 3696-3699.	13.7	132
3	PbTe Nanorods by Sonoelectrochemistry. Angewandte Chemie - International Edition, 2005, 44, 5855-5857.	13.8	103
4	Hybrid Bilayer Membrane: A Platform To Study the Role of Proton Flux on the Efficiency of Oxygen Reduction by a Molecular Electrocatalyst. Journal of the American Chemical Society, 2011, 133, 11100-11102.	13.7	54
5	Steady-State Detection of Cholesterol Contained in the Plasma Membrane of a Single Cell Using Lipid Bilayer-Modified Microelectrodes Incorporating Cholesterol Oxidase. Journal of the American Chemical Society, 2004, 126, 10214-10215.	13.7	46
6	Detection of Cholesterol through Electron Transfer to Cholesterol Oxidase in Electrode-Supported Lipid Bilayer Membranes. Langmuir, 2002, 18, 9617-9621.	3.5	37
7	Direct Electrochemical Evaluation of Plasma Membrane Cholesterol in Live Mammalian Cells. Journal of the American Chemical Society, 2007, 129, 11352-11353.	13.7	36
8	Ferrocene Embedded in an Electrode-Supported Hybrid Lipid Bilayer Membrane: A Model System for Electrocatalysis in a Biomimetic Environment. Langmuir, 2010, 26, 17674-17678.	3.5	30
9	Steady-state oxidation of cholesterol catalyzed by cholesterol oxidase in lipid bilayer membranes on platinum electrodes. Analytica Chimica Acta, 2004, 519, 47-55.	5.4	21
10	Enzyme Modification of Platinum Microelectrodes for Detection of Cholesterol in Vesicle Lipid Bilayer Membranes. Analytical Chemistry, 2005, 77, 7393-7398.	6.5	16