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**Biomolecule immobilization on electrode surfaces by entrapment or attachment to electrochemically polymerized films. A review**

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#	Paper	IF	Citations
680	Covalent immobilization of glucose oxidase to poly(O-amino benzoic acid) for application to glucose biosensor. <b>2000</b> , 78, 662-667		90
679	Plasma Polymerized Films for Sensor Devices. <b>2000</b> , 12, 695-702		60
678	Electrogenerated Poly(Chiral Dicarbazole) Films for the Reagentless Grafting of Enzymes. <b>2000</b> , 12, 1107-1112	19	
677	Novel electro-oxidizable chiral N-substituted dicarbazoles and resulting electroactive films for covalent attachment of proteins. <b>2000</b> , 41, 3725-3729		26
676	Poly(dicarbazole-N-hydroxysuccinimide) film: a new polymer for the reagentless grafting of enzymes and redox mediators. <b>2000</b> , 2, 827-831		23
675	A membrane based reactor with an enzyme immobilized by an avidinBiotin molecular recognition in a polymer matrix. <b>2000</b> , 176, 169-176		27
674	Bioencapsulation within synthetic polymers (Part 2): non-sol-gel protein-polymer biocomposites. <b>2000</b> , 18, 469-79		88
673	Electron-transfer mechanisms in amperometric biosensors. <b>2000</b> , 366, 560-8		227
672	An assay for ascorbic acid based on polyaniline-coated microplates. <b>2000</b> , 72, 4296-300		104
671	Electrochemical probing of DNA based on oligonucleotide-functionalized polypyrrole. <b>2001</b> , 2, 58-64		80
670	Polyanilineβpolyisoprene composite film based glucose biosensor with high permselectivity. <b>2001</b> , 124, 345-349		56
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667	Fabricating and imaging carbon-fiber immobilized enzyme ultramicroelectrodes with scanning electrochemical microscopy. <b>2001</b> , 17, 27-35		18
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665	Polymer (bio)materials design for amperometric detection in LC and FIA. <b>2001</b> , 20, 178-185		14
664	Electrochemical deposition and characterization of conducting polymer polypyrrole/PSS on multichannel neural probes. <b>2001</b> , 93, 8-18		275

663	Synthesis of 3-derivatized pyrroles precursors polymers for functionalization with biomolecules toward biosensor devices. <b>2001</b> , 15, 265-268		14
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658	Biotinylated Polypyrrole Modified Quartz Crystal Microbalance for the Fast and Reagentless Determination of Avidin Concentration. <b>2001</b> , 13, 971-974		24
657	Highly selective dopamine quantification using a glassy carbon electrode modified with a melanin-type polymer. <b>2001</b> , 440, 99-108		89
656	Determination of organic peroxides in reversed micelles with a poly-N-methylpyrrole horseradish peroxidase amperometric biosensor. <b>2001</b> , 448, 9-17		18
655	Reversible oligonucleotide immobilisation based on biotinylated polypyrrole film. <b>2001</b> , 449, 45-50		48
654	Development and application of patterned conducting polymer thin films as chemoresponsive and electrochemically responsive optical diffraction gratings. <i>Journal of Electroanalytical Chemistry</i> , <b>2001</b> , 500, 185-191	4.1	33
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168	Peptide ligand recognition by G protein-coupled receptors. <b>2015</b> , 6, 48		19
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165	Electrochemical Biosensors for Drug Analysis. <b>2015</b> , 141-186		1
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157	Electroactive Polymers and Coatings. <b>2016</b> , 51-89		3
156	Surface-Bulk Vibrational Correlation Spectroscopy. <b>2016</b> , 88, 4682-91		24
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152	Electro-Engineered Polymeric Films for the Development of Sensitive Aptasensors for Prostate Cancer Marker Detection. <b>2016</b> , 1, 1308-1314		20
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