

オープンアクセス	タイトル	著者	年度	生体分子	詳細
Yes	Determining the size and diffusion properties of the serotonin transporter using live-cell micropatterning in CAD Cells	Nana Okropiridze	2026	Protein	AnteoBind coated on glass slide to bind Streptavidin
Yes	Exploring FGFR3 Mutations in the Male Germline: Implications for Clonal Germline Expansions and Paternal Age-Related Dysplasias	Sofia Moura, et al.	2024	Antibody	MonoRab SARS-CoV-2 Neutralising Antibody (BS-R2B2)
Yes	Optical Interferometric Device for Rapid and Specific Detection of Biological Cells	Sándor Valkai 1, et al.	2024	Peptide	N-terminal hACE-2 peptides
Yes	Penetration of the SARS-CoV-2 Spike Protein across the Blood–Brain Barrier, as Revealed by a Combination of a Human Cell Culture Model System and Optical Biosensing	Dániel Petrovski, et al.	2022	Protein/Antibody	BSA, Streptavidin, Avidin, Anti-EGFR IgG antibody, Fibrinogen, anti-GFP antibodies
Yes	Peptide-based direct electrochemical detection of receptor binding domains of SARS-CoV-2 spike protein in pristine samples	T.H. Vignesh Kumar a, et al.	2022	Antibody	polyclonal rabbit IgG, polyclonal goat IgG, polyclonal rabbit anti-mouse IgG
Yes	A Simplified and Robust Activation Procedure of Glass Surfaces for Printing Proteins and Subcellular Micropatterning Experiments	Tina Karimian, et al.	2022	Antibody	Mouse anti-His antibody
Yes	Development and In-Depth Characterization of Bacteria Repellent and Bacteria Adhesive Antibody-Coated Surfaces Using OpticalWaveguide Biosensing	Eniko Farkas, et al.	2022	Antibody	anti-adiponectin antibodies
Yes	Initial trail results of a magnetic biosensor for the rapid detection of Porcine Reproductive and Respiratory Virus (PRRSV) infection	Jacqueline M. Barnetta, et al.	2022	Antibody/Cytokine	Mouse TNF-α capture antibody , mouse IL1β
Yes	Activating mutations in FGFR3 are associated with clonal expansion events and high de novo rates in the male germline	Sofia Moura1, et al.	2022	Antibody	anti-TGF antibody
No	Amperometric immunoassay for the obesity biomarker amylin using a screen printed carbon electrode functionalized with an electropolymerized carboxylated polypyrrole	Gonzalo Martínez-García, et al.	2018	Antibody/Cytokine	mouse anti-human TNF-alpha, Troponin 1, TSH monoclonal
Yes	A Fast and Simple Contact Printing Approach to Generate 2D Protein Nanopatterns	Marco Lindner, et al.	2018	Antibody	anti-adiponectin antibodies
No	Apoptotic Bodies: Selective Detection in Extracellular Vesicles	Paul Hauser, et al.	2017	Antibody	Human monoclonal anti-amylin (anti-AMY) from mouse
No	Uncommon Carbon Nanostructures for the Preparation of Electrochemical Immunosensors	Paloma Yáñez-Sedeño, et al.	2016	Protein	BSA, Fibronectin

No	Electrochemical immunosensor for simultaneous determination of interleukin-1 beta and tumor necrosis factor alpha in serum and saliva using dual screen printed electrodes modified with functionalized double walled carbon nanotubes	E. Sánchez-Tirado a, et al.	2016		Extracellular vesicles (apoptotic bodies, microvesicles, exosomes)
No	Electrochemical immunosensor for sensitive determination of transforming growth factor (TGF)- β 1 in urine	E. Sánchez-Tirado, et al.	2016	Antibody	anti-adiponectin antibodies
No	Grafted-double walled carbon nanotubes as electrochemical platforms for immobilization of antibodies using a metallic-complex chelating polymer: Application to the determination of adiponectin cytokine in serum	Irene Ojeda a, et al.	2015	Antibody	Paper is a review article, no specific analyte mentioned
No	An electrochemical immunosensor for adiponectin using reduced graphene oxide–carboxymethylcellulose hybrid as electrode scaffold	C.B. Arenas, et al.	2015	Antibody	TMG6-5, mIgG1
No	Coordination complexes as molecular glue for immobilization of antibodies on cyclic olefin copolymer surfaces	Huey Wen Ooi a,b, et al.	2014	Protein	Streptavidin
No	Diagnostic devices as biomaterials: a review of nucleic acid and protein microarray surface performance issues	Peng Wu 1, et al.	2008	Protein	Streptavidin