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- ❖ ACS teknik bölümlerinin sempozyumlarından geliştirilen Symposium Serilerini içerir.

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biosensor|



All: biosensor (std - 15691)

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

Compact Grating-Coupled Biosensor for the Analysis of Thrombin

Daria Kotlarek, Mariia Vorobii, Wojciech Ogieglo, Wolfgang Knoll, Cesar Rodriguez-Emmenegger, and Jakub Dostálek*

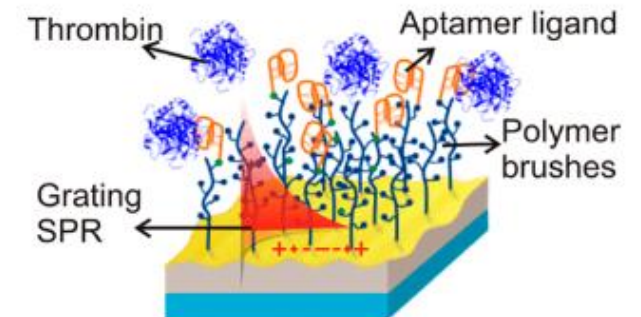
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Arama sonucunda bulunan toplam sonuç sayısını ekranının üst kısmında görebilirsiniz. Hemen altında kaynaklar listelenmeye başlar. Kaynakların alt kısmında her kaynak için görüntüleme seçenekleri mevcuttur.

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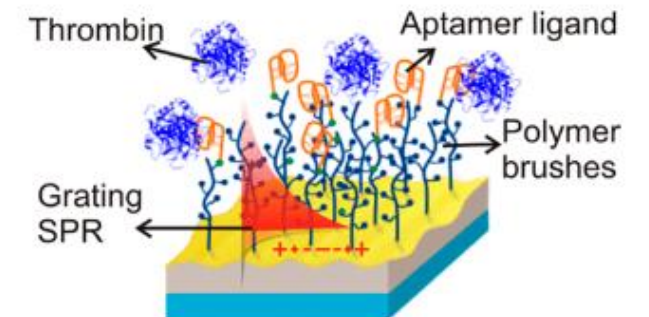
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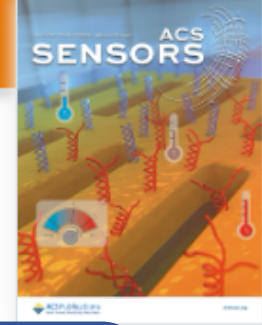
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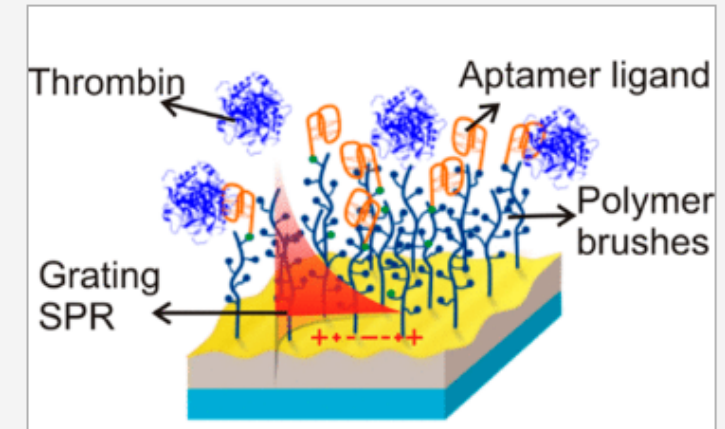
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SUBJECTS: Gold, Peptides and proteins

Bu sayfada makaleyi paylaşma, Mendeley'e ekleme, dışa aktarma işlemlerini yapabilirsiniz.

Abstract

A compact optical biosensor for direct detection of thrombin in human blood plasma (HBP) is reported. This biosensor platform is based on wavelength spectroscopy of diffraction-coupled surface plasmons on a chip with a periodically corrugated gold film that carries an antifouling thin polymer layer consisting of poly[(N-(2-hydroxypropyl)methacrylamide)-co-(carboxybetaine methacrylamide)] (poly(HPMA-co-CBMAA)) brushes. This surface architecture provides superior resistance to nonspecific and irreversible adsorption of abundant compounds in the analyzed HBP samples in comparison to standard surface modifications. The carboxylate groups along the polymer brushes were exploited for the covalent immobilization of aptamer ligands. These ligands were selected to specifically capture the target thrombin analyte from the analyzed HBP sample in a way that does not activate the coagulatory process at the biosensor surface with poly(HPMA-co-CBMAA)



KEYWORDS: surface plasmon resonance, grating-coupled surface plasmon

Hemostasis is an indispensable physiological mechanism that maintains the system and circulation of the blood in the fluid state. (1) It relies on a and antithrombotic pathways that control the suppression of bleeding, dissolution, and wound remodeling. (2) The delicate balance between activity can be disrupted by congenital and acquired coagulopathies, surgical procedures, (4,5) cardiopulmonary bypass, (6) and extracorporeal cases, the patient is exposed to a risk of life-threatening hemorrhage requires immediate medical intervention. The incidence of hemostatic consequences (mortality, number of transfusions, time spent in the treatment) can be substantially reduced by routine clinical diagnostic of a patient's coagulation status. (8–10) However, because of the complexity of the system with a plentiful positive and negative feedback controls, a general method for the assessment of coagulation stage does not exist neither in clinical practice. (11)

Affinity optical biosensors based on surface plasmon resonance (SPR) are considered as among the prime candidates for “next-generation” diagnostic devices. (12) The SPR biosensors hold potential to serve in emerging point-of-care (POC) applications offering the advantage of fast response, real-time measurement, and already developed implementations to portable devices. (13) Up to now, portable systems based on the SPR biosensor principle were pursued for their applications in food safety, (14,15) environmental monitoring, biodefense, (16,17) and medical diagnostics. (18,19) The majority of the reported portable SPR devices rely on the Kretschmann configuration of the attenuated total reflection (ATR) enabling resonant excitation of propagating surface plasmons (PSPs) on the sensor

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Thrombin during cardiopulmonary bypass

Edmunds L Henry Jr; Colman Robert W

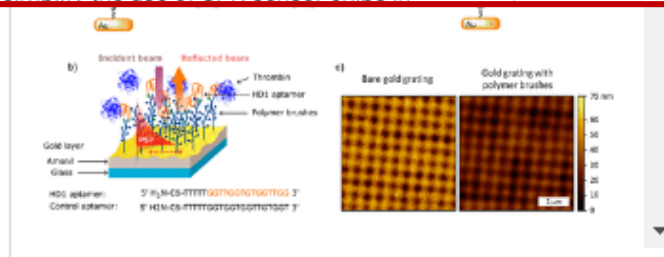
The Annals of thoracic surgery (2006), 82 (6), 2315-22 ISSN:

Cardiopulmonary bypass (CPB) ignites a massive defense reaction that stimulates all blood cells and five plasma protein systems to produce a myriad of vasoactive and cytotoxic substances, cell-signaling molecules, and upregulated cellular receptors. Thrombin is the key enzyme in the thrombotic portion of the defense reaction and is only partially suppressed by heparin. During CPB, thrombin is produced by both extrinsic and intrinsic coagulation pathways and activated platelets. The routine use of a cell saver and the eventual introduction of direct thrombin inhibitors now offer the possibility of completely suppressing thrombin production and fibrinolysis during cardiac surgery with CPB.

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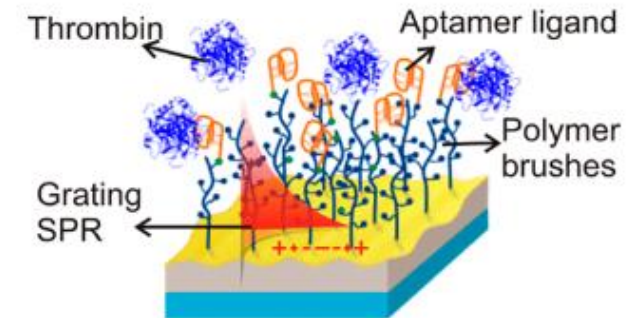
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v ABSTRACT




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CONTRIBUTOR 	
Yuan, Ruo	183
Chai, Yaqin	85
Liu, Juewen	83
Wang, Joseph	81
Chen, Hong-Yuan	73
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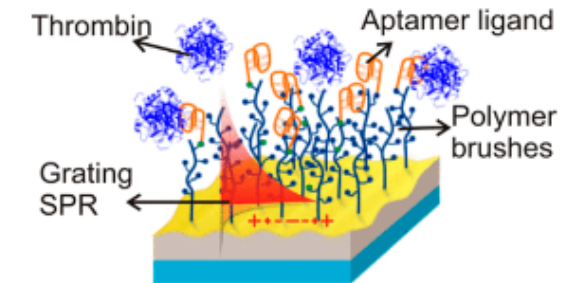
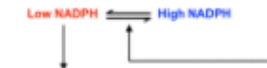
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Jie Zhang, Nikolaus Sonnenschein, Thomas P. B. Pihl, Kasper R. Pedersen, Michael K. Jensen*, and Jay D. Keasling

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3. Abhichart Krissanaprasit, Carson M. Key, Sahil Pontula, Thomas H. LaBean. Self-Assembling Nucleic Acid Nanostructures Functionalized with Aptamers. *Chemical Reviews* 2021, 121 (22) , 13797-13868. <https://doi.org/10.1021/acs.chemrev.0c01332>
4. Weiling Song, Pan Song, Yujie Sun, Zhonghui Zhang, Hong Zhou, Xiaoru Zhang, Peng He. Self-Assembly of Multifunctional DNA Nanohydrogels with Tumor Microenvironment-Responsive Cascade Reactions for Cooperative Cancer Therapy. *ACS Biomaterials Science & Engineering* 2021, 7 (11) , 5165-5174. <https://doi.org/10.1021/acsbmaterials.1c00959>
5. Abolghasem Abbasi Kajani, Shaghayegh Haghjooy Javanmard, Mohsen Asadnia, Amir Razmjou. Recent Advances in Nanomaterials Development for Nanomedicine and Cancer. *ACS Applied Bio Materials* 2021, 4 (8) , 5908-5925. <https://doi.org/10.1021/acsbm.1c00591>
6. Marina Mariconti, Mathieu Morel, Damien Baigl, Sergii Rudiuk. Enzymatically Active DNA-Protein Nanogels with Tunable Cross-Linking Density. *Biomacromolecules* 2021, 22 (8) , 3431-3439. <https://doi.org/10.1021/acs.biomac.1c00501>
7. Kian K. Hershberger, Andrew J. Gauger, Lyudmila M. Bronstein. Utilizing Stimuli Responsive Linkages to Engineer and Enhance Polymer Nanoparticle-Based Drug Delivery Platforms. *ACS Applied Bio Materials* 2021, 4 (6) , 4720-4736. <https://doi.org/10.1021/acsbm.1c00351>

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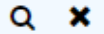
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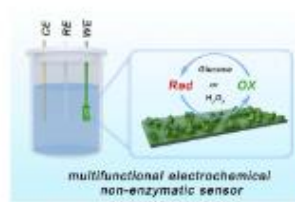
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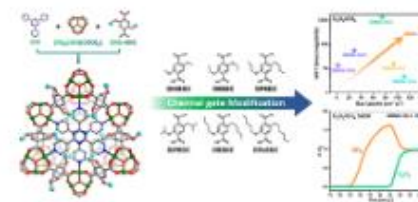
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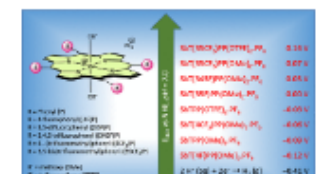
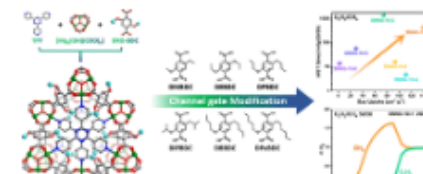
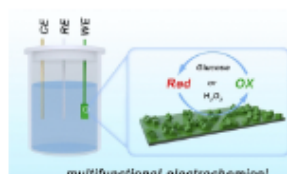
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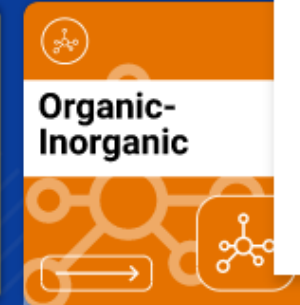
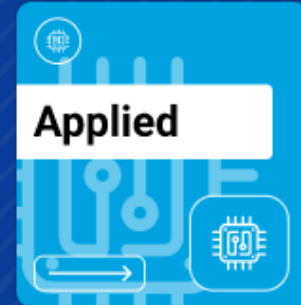
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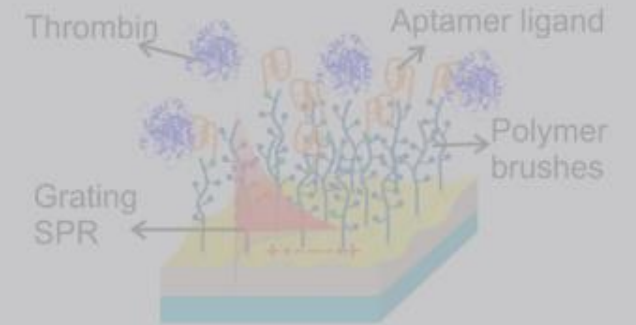
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