

Surface Plasmon Resonance

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Recent Publications on Surface Plasmon Resonance:



- [Nanostructured materials based on the integration of ferrocenyl-tethered dendrimer and redox proteins on self-assembled monolayers: an efficient biosensor interface.](#)
In this paper we report the use of ferrocenyl-tethered dendrimer (Fc-D) as... 13th November, 2009
Department of Chemistry and Drug Technologies, Sapienza University of- Nanotechnology. 2009 Nov 12;20(50):505501. ([DOI Direct Link](#))
- [C-reactive protein exists in an NaCl-concentration dependent pentamer-decamer equilibrium in physiological buffer.](#)
C-reactive protein (CRP) is an acute phase protein of the pentraxin family... 12th November, 2009
University College London, United Kingdom.- J Biol Chem. 2009 Nov 10. ([DOI Direct Link](#))
- [Chapter 7 - Preparation of complexes of liposomes with gold nanoparticles.](#)
Liposomes have been widely used as drug carriers. Visible liposomes have... 12th November, 2009
Nanoscience and Nanotechnology Research Center, Research Institutes for- Methods Enzymol. 2009;464:131-45. ([DOI Direct Link](#))
- [Chapter 5 - Detection of antimycotic acid antibodies by liposomal biosensors.](#)
Antibodies to mycolic acid (MA) antigens can be detected as surrogate... 12th November, 2009
Department of Biochemistry, University of Pretoria, Pretoria, South- Methods Enzymol. 2009;464:79-104. ([DOI Direct Link](#))
- [An Antibody Surface for Selective Neuronal Cell Attachment.](#)
An optimal surface for culturing human embryonic stem cell (hESC)-derived... 12th November, 2009
VTT Technical Research Centre of Finland, P.O. Box 1300, FIN-33101- J Neurosci Methods. 2009 Nov 7. ([DOI Direct Link](#))
- [The stress response protein Gls24 is induced by copper and interacts with the CopZ copper chaperone of Enterococcus hirae.](#)
Intracellular copper routing in Enterococcus hirae is accomplished by the... 12th November, 2009
Department of Clinical Pharmacology and Visceral Research, University of- FEMS Microbiol Lett. 2009 Oct 26. ([DOI Direct Link](#))
- [Self-Assembly and Structure of Directly Imaged Inorganic-Anion Monolayers on a Gold Nanoparticle.](#)
Cryogenic "trapping" was used to obtain the first TEM images of... 12th November, 2009
Department of Chemistry, Unit of Environmental Engineering, and Ilse Katz- J Am Chem Soc. 2009 Nov 10. ([DOI Direct Link](#))
- [Use of oligonucleotides conjugated to gold nanoparticles and streptavidin for amplification of optical biosensor signal during detection of telomeric repeats.](#)
Hybridization of telomeric repeats with a complementary oligonucleotide... 11th November, 2009

V. N. Orekhovich Institute of Biomedical Chemistry, Russian Academy of- Bull Exp Biol Med. 2009 Jun;147(6):746-9.

- [Characterization of a key neutralizing epitope on pertussis toxin recognized by the monoclonal antibody 1B7.](#)
*Infection by Bordetella pertussis remains a serious disease with no...*11th November, 2009 - Biochemistry. 2009 Nov 9. ([DOI Direct Link](#))
- [Isolation and Molecular Characterization of Single-Chain Fv Antibodies Raised against Pollen Allergens from Japanese Cedar \(Cryptomeria japonica D. Don\).](#)
*We report here the isolation and molecular characterization of...*10th November, 2009 Numazu Technical Support Center, Industry Institute of Shizuoka- Biosci Biotechnol Biochem. 2009 Nov 7.
- [Design, synthesis and evaluation of 4,7-diamino-1,10-phenanthroline G-quadruplex ligands.](#)
*A series of 4,7-diamino-1,10-phenanthroline derivatives carrying...*10th November, 2009 Department of Physics and Chemistry, University of Southern Denmark,- Bioorg Med Chem. 2009 Nov 4. ([DOI Direct Link](#))
- [Modifications of Hyaluronan Influence the Interaction with Human Bone Morphogenetic Protein-4 \(hBMP-4\).](#)
*In this study, we have demonstrated that the modification of hyaluronan...*10th November, 2009 Institute of Material Science, Max Bergmann Center of Biomaterials,- Biomacromolecules. 2009 Nov 6. ([DOI Direct Link](#))
- [Selective Interaction of Lansoprazole and Astemizole with Tau Polymers: Potential New Clinical Use in Diagnosis of Alzheimer's Disease.](#)
*We describe the interactions of two benzimidazole derivatives, astemizole...*7th November, 2009 International Center for Biomedicine (ICC), Faculty of Sciences,- J Alzheimers Dis. 2009 Nov 5. ([DOI Direct Link](#))
- [The recognition unit of FIBCD1 organizes into a non-covalently linked tetrameric structure and uses the hydrophobic funnel \(S1\)for acetyl-group recognition.](#)
*We have recently identified Fibrinogen C domain containing 1 (FIBCD1) as a...*7th November, 2009 University of Southern Denmark, Medical Biotechnology Center, Denmark;- J Biol Chem. 2009 Nov 5. ([DOI Direct Link](#))
- [One-Step Synthesis of Phosphine-Stabilized Gold Nanoparticles Using the Mild Reducing Agent 9-BBN.](#)
*A simple method to synthesize phosphine-stabilized gold nanoparticles...*7th November, 2009 Department of Chemistry, University of Utah, 315 South 1400 East, RM 2020,- Langmuir. 2009 Nov 5. ([DOI Direct Link](#))

BioNews Results for Surface Plasmon Resonance

- [China Medical Technologies to Exhibit its Products at China International Medical Equipment Fair in Chengdu, China](#)
SmartBrief: Oct 21 2009 11:05PM Matching: surface plasmon resonance
- [China Medical Technologies Announces the SFDA Approval for its SPR System](#)
Pharmacy Choice: Oct 19 2009 5:47PM Matching: surface plasmon resonance
- [China Medical Technologies Announces the SFDA Approval for its SPR System](#)
Genetic Engineering News: Oct 19 2009 12:45PM Matching: surface plasmon resonance
- [China Medical Technologies Announces the SFDA Approval for its SPR System](#)
SmartBrief: Oct 19 2009 12:10PM Matching: surface plasmon resonance
- [China Medical Technologies Announces the SFDA Approval for its SPR System](#)
Yahoo! Canada: Oct 19 2009 12:04PM Matching: surface plasmon resonance
- [SFDA approves China Medical Technologies' SPR- based analysis system](#)



Surface Plasmon Resonance Patents:

- 7608586- [Soluble low-density lipoprotein receptor related protein binds directly to Alzheimer's amyloid-beta peptide](#)
- 7611836- [Method of making a plastic colorimetric resonant biosensor device with liquid handling capabilities](#)
- 7611849- [Enhanced cellular assay method for use in flow cytometry or similar instruments using optically resonant particles](#)
- 7611853- [Assay to screen for anti-malarials](#)
- 7611857- [IL-receptor like molecules and uses thereof](#)
- 7611866- [Selection of bacterial inner-membrane anchor polypeptides](#)
- 7611867- [CC-chemokine binding tick proteins](#)
- 7611874- [PUFA polyketide synthase systems and uses thereof](#)
- 7611875- [PUFA polyketide synthase systems and uses thereof](#)
- 7611876- [PUFA polyketide synthase systems and uses thereof](#)
- 7611879- [27877, 18080, 14081, 32140, 50352, 16658, 14223, 16002, 50566, 65552 and 65577 molecules and uses therefor](#)
- 7611706- [RG1 antibodies and uses thereof](#)
- 7611699- [Methods of using cytokine zalpha11 ligand](#)
- 7610074- [Multi-functional plasmon-resonant contrast agents for optical coherence tomography](#)
- 7608681- [Methods and compositions for prolonging elimination half-times of bioactive compounds](#)
- 7608682- [Substrates of N-end rule ubiquitylation and methods for measuring the ubiquitylation of these substrates](#)
- 7608684- [Soluble CD14 antigen](#)
- 7608686- [Human tumor necrosis factor receptor](#)
- 7608693- [High affinity human antibodies to human IL-4 receptor](#)
- 7608751- [Fungus resistant plants and their uses](#)
- 7608753- [PUFA polyketide synthase systems and uses thereof](#)
- 7608818- [Compact gas chromatography and ion mobility based sample analysis systems, methods, and devices](#)
- 7609378- [Structure for supporting sample to be subjected to surface enhanced vibrational spectroscopic analysis and method of manufacturing the same](#)
- 7609435- [Display medium, display device, and displaying method](#)
- 7611905- [Apparatus and method of assay in utilizing attenuated total reflection](#)
- 7611908- [Method and apparatus for therapeutic drug monitoring using an acoustic device](#)
- 7615339- [Method for producing a colorimetric resonant reflection biosensor on rigid surfaces](#)
- 7615375- [Osmotic reaction cell for monitoring biological and non-biological reactions](#)
- 7615379- [Nucleic acid and corresponding protein entitled 193P1E1B useful in treatment and detection of cancer](#)
- 7615380- [Methods for modulating an immune response by modulating KRC activity](#)
- 7615381- [Method and apparatus for detecting estradiol and metabolites thereof using an acoustic device](#)

- 7615383- [Methods for treating neuropathy by agonist anti-trk-C monoclonal antibodies](#)
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- 7615220- [High affinity human antibodies to human IL-18 receptor](#)
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- 7612020- [Composite arrays utilizing microspheres with a hybridization chamber](#)
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- 7612041- [Isolated activin-binding ActRIIa polypeptide comprising the SEQ ID NO: 7 and uses for promoting bone growth](#)
- 7612169- [Osteoprotegerin variant proteins](#)
- 7612172- [Nucleic acids and corresponding proteins entitled 282P1G3 useful in treatment and detection of cancer](#)
- 7612178- [Anti-IGF-1R antibodies and uses thereof](#)
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