

Journal	Article Name	Year
Chemical Research in Toxicology	<u>Aβ Interacts with Both the Iron Center and the Porphyrin Ring of Heme: Mechanism of Heme's Action on Aβ Aggregation and Disaggregation</u>	2013
Pharmaceutical Research	<u>Cellular Uptake Mechanism and Therapeutic Utility of a Novel Peptide in Targeted-Delivery of Proteins into Neuronal Cells</u>	2013
PLOS ONE	<u>A Novel Peptide Delivers Plasmids across Blood-Brain Barrier into Neuronal Cells as a Single-Component Transfer Vector</u>	2013
Journal of Chromatography A	<u>Synthesis of a new type of echinus-like Fe₃O₄@TiO₂ core-shell-structured microspheres and their applications in selectively enriching phosphopeptides and removing phospholipids</u>	2013
Bioconjugate Chemistry	<u>Activatable Cell Penetrating Peptide-Conjugated Nanoparticles with Enhanced Permeability for Site-Specific Targeting Delivery of Anticancer Drug</u>	2013
Macromolecular Bioscience	<u>Ni(II)-NTA Modified Poly(ethylene imine) Glycopolymers: Physicochemical Properties and First In Vitro Study of Polyplexes Formed with HIV-Derived Peptides</u>	2013
Journal of Virological Methods	<u>Cellular immunogenicity of a multi-epitope peptide vaccine candidate based on hepatitis C virus NS5A, NS4B and core proteins in HHD-2 mice</u>	2013
Brain Research	<u>Aβ induces acute depression of excitatory glutamatergic synaptic transmission through distinct phosphatase-dependent mechanisms in rat CA1 pyramidal neurons</u>	2013
Cell Death & Disease	<u>Glycation exacerbates the neuronal toxicity of β-amyloid</u>	2013

PROTEIN SCIENCE	<u>Selective peptide inhibitors of bifunctional thymidylate synthase-dihydrofolate reductase from Toxoplasma gondii provide insights into domain-domain communication and allosteric regulation</u>	2013
SMALL	<u>Biomimetic Synthesis of Fluorogenic Quantum Dots for Ultrasensitive Label-Free Detection of Protease Activities</u>	2013
International Journal of ELECTROCHEMICAL SCIENCE	<u>Amplified Voltammetric Strategy for the Detection of Proteases Using Dopamine-Modified Gold Nanoparticles</u>	2013
analytical chemistry	<u>Sensitive Detection of Protein Kinase A Activity in Cell Lysates by Peptide Microarray-Based Assay</u>	2013
ACS Sustainable Chemistry & Engineering	<u>Controlled Assembly of Gold Nanoparticles through Antibody Recognition: Study and Utilizing the Effect of Particle Size on Interparticle Distance</u>	2013
Molecular Medicine Reports	<u>A novel chimeric peptide binds MC3T3 E1 cells to titanium and enhances their proliferation and differentiation</u>	2013
International Journal of ELECTROCHEMICAL SCIENCE	<u>Probing of EDC/NHSS-Mediated Covalent Coupling Reaction by the Immobilization of Electrochemically Active Biomolecules</u>	2013
AGRICULTURAL AND FOOD CHEMISTRY	<u>Calcium Binding to Dipeptides of Aspartate and Glutamate in Comparison with Orthophosphoserine</u>	2013
International Journal of ELECTROCHEMICAL SCIENCE	<u>Label-Free Electrochemical Sensing Platform for the Detection of Protease</u>	2013

Molecular Vision	<u>Effects of a thrombomodulin-derived peptide on monocyte adhesion and intercellular adhesion molecule-1 expression in lipopolysaccharide-induced endothelial cells</u>	2013
Biosensors and Bioelectronics	<u>Highly sensitive, label-free colorimetric assay of trypsin using silver nanoparticles</u>	2013
Biosensors and Bioelectronics	<u>Amplified voltammetric characterization of cleavage of the biotinylated peptide by BACE1 and screening of BACE1 inhibitors</u>	2013
PLOS ONE	<u>Screening of a Specific Peptide Binding to VPAC1 Receptor from a Phage Display Peptide Library</u>	2013
FEBS Journal	<u>Multimeric and differential binding of CIN85/CD2AP with two atypical proline-rich sequences from CD2 and Cbl-b*</u>	2013
International Journal of ELECTROCHEMICAL SCIENCE	<u>Electrochemical Sensing of Alkaline Phosphatase Activity Based on Difference of Surface Charge of Electrode</u>	2013
ACS Chemical Neuroscience	<u>Interaction between Amyloid-β Peptide and Heme Probed by Electrochemistry and Atomic Force Microscopy</u>	2013
LANDES BIOSCIENCE	<u>HMGB1 was a pivotal synergistic effecor for CpG oligonucleotide to enhance the progression of human lung cancer cells</u>	2013
Neurobiology of Aging	<u>Ser9 phosphorylation causes cytoplasmic detention of I2PP2A/SET in Alzheimer disease</u>	2013
Organic & Biomolecular Chemistry	<u>Efficient bioconjugation of 5-fluoro-5-deoxy-ribose (FDR) to RGD peptides for positron emission tomography (PET) imaging of $\alpha v \beta 3$ integrin receptor</u>	2013