

Wen-Yih Chen

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

3,810
citations

126907

33
h-index

138484

58
g-index

111
all docs

111
docs citations

111
times ranked

4947
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Optimizing surface modification of silicon nanowire field-effect transistors by polyethylene glycol for MicroRNA detection. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 209, 112142. | 5.0 | 10 |
| 2 | Phosphate-Methylated Oligonucleotides as a Novel Primer for PCR and RT-PCR. <i>Methods in Molecular Biology</i> , 2022, 2392, 261-273. | 0.9 | 2 |
| 3 | Increasing the λ -Red mediated gene deletion efficiency in <i>Escherichia coli</i> using methyl phosphotriester-modified DNA. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2022, 137, 104297. | 5.3 | 5 |
| 4 | Paper-Based Devices for Capturing Exosomes and Exosomal Nucleic Acids From Biological Samples. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 836082. | 4.1 | 7 |
| 5 | In-Silico Selection of Aptamer Targeting SARS-CoV-2 Spike Protein. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5810. | 4.1 | 5 |
| 6 | Real-time changes in the AC magnetic susceptibility of reagents during immunomagnetic reduction assays. <i>AIP Advances</i> , 2022, 12, 065220. | 1.3 | 3 |
| 7 | Improved biomarker quantification of silicon nanowire field-effect transistor immunosensors with signal enhancement by RNA aptamer: Amyloid beta as a case study. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129150. | 7.8 | 16 |
| 8 | Uncertainty in protein-ligand binding constants: asymmetric confidence intervals versus standard errors. <i>European Biophysics Journal</i> , 2021, 50, 661-670. | 2.2 | 23 |
| 9 | Switching the Inhibitor-Enzyme Recognition Profile via Chimeric Carbonic Anhydrase XII. <i>ChemistryOpen</i> , 2021, 10, 567-580. | 1.9 | 1 |
| 10 | Combination of Aptamer Amplifier and Antigen-Binding Fragment Probe as a Novel Strategy to Improve Detection Limit of Silicon Nanowire Field-Effect Transistor Immunosensors. <i>Sensors</i> , 2021, 21, 650. | 3.8 | 4 |
| 11 | Studies of the interactions mechanism between DNA and silica surfaces by Isothermal Titration Calorimetry. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 116, 62-66. | 5.3 | 7 |
| 12 | Improve sample preparation process for miRNA isolation from the culture cells by using silica fiber membrane. <i>Scientific Reports</i> , 2020, 10, 21132. | 3.3 | 14 |
| 13 | Reduction of interstrand charge repulsion of DNA duplexes by salts and by neutral phosphotriesters – Contrary effects for harnessing duplex formation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 110, 1-7. | 5.3 | 10 |
| 14 | Predicting Future Prospects of Aptamers in Field-Effect Transistor Biosensors. <i>Molecules</i> , 2020, 25, 680. | 3.8 | 21 |
| 15 | A Study on the Effect of an Aptamer with an Embedded Phosphate-Methylated Nucleotide on the Binding of a Target Molecule Using Molecular Simulation. <i>Lecture Notes in Electrical Engineering</i> , 2020, , 31-38. | 0.4 | 0 |
| 16 | Neutralized chimeric DNA probe for the improvement of GC-rich RNA detection specificity on the nanowire field-effect transistor. <i>Scientific Reports</i> , 2019, 9, 11056. | 3.3 | 14 |
| 17 | Signal Enhancement of Silicon Nanowire Field-Effect Transistor Immunosensors by RNA Aptamer. <i>ACS Omega</i> , 2019, 4, 14765-14771. | 3.5 | 30 |
| 18 | Field-Effect Transistor Biosensors for Biomedical Applications: Recent Advances and Future Prospects. <i>Sensors</i> , 2019, 19, 4214. | 3.8 | 155 |

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|----|---|------|-----------|
| 19 | Designed phosphate-methylated oligonucleotides as PCR primers for SNP discrimination. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3871-3880. | 3.7 | 15 |
| 20 | Isothermal titration calorimetry for characterization of recombinant proteins. <i>Current Opinion in Biotechnology</i> , 2019, 55, 9-15. | 6.6 | 30 |
| 21 | Molecular self-interactions of ribonuclease A revealed by isothermal titration calorimetry and self-interaction chromatography – Effects of anisotropy of protein surface charges. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 96, 74-81. | 5.3 | 1 |
| 22 | Repeatability, precision, and accuracy of the enthalpies and Gibbs energies of a protein–ligand binding reaction measured by isothermal titration calorimetry. <i>European Biophysics Journal</i> , 2019, 48, 139-152. | 2.2 | 19 |
| 23 | Neutralized chimeric DNA probe for detection of single nucleotide polymorphism on surface plasmon resonance biosensor. <i>Biosensors and Bioelectronics</i> , 2018, 99, 170-175. | 10.1 | 30 |
| 24 | Synergetic improvements of sensitivity and specificity of nanowire field effect transistor gene chip by designing neutralized DNA as probe. <i>Scientific Reports</i> , 2018, 8, 12598. | 3.3 | 14 |
| 25 | Investigating interactions between proteins and nucleic acids by computational approaches. , 2017, , 98-117. | | 1 |
| 26 | The Combination of Computational and Biosensing Technologies for Selecting Aptamer against Prostate Specific Antigen. <i>BioMed Research International</i> , 2017, 2017, 1-11. | 1.9 | 13 |
| 27 | Nanostructured Silicon Substrate for Desorption/Ionization on Silicon Mass Spectrometry Coupled with Titanium Oxide and Zinc Oxide Coated Magnetic Nanoparticles for Phosphopeptide Analysis. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 2054-2060. | 0.9 | 1 |
| 28 | Isothermal titration calorimetry for drug design: Precision of the enthalpy and binding constant measurements and comparison of the instruments. <i>Analytical Biochemistry</i> , 2016, 515, 61-64. | 2.4 | 43 |
| 29 | A replaceable liposomal aptamer for the ultrasensitive and rapid detection of biotin. <i>Scientific Reports</i> , 2016, 6, 21369. | 3.3 | 15 |
| 30 | Computational Selection of RNA Aptamer against Angiopoietin-2 and Experimental Evaluation. <i>BioMed Research International</i> , 2015, 2015, 1-8. | 1.9 | 33 |
| 31 | Revisiting the streptavidin–biotin binding by using an aptamer and displacement isothermal calorimetry titration. <i>Journal of Molecular Recognition</i> , 2015, 28, 125-128. | 2.1 | 13 |
| 32 | The consideration of indolicidin modification to balance its hemocompatibility and delivery efficiency. <i>International Journal of Pharmaceutics</i> , 2015, 494, 498-505. | 5.2 | 7 |
| 33 | A Polarization Control System for Intensity-Resolved Guided Mode Resonance Sensors. <i>Sensors</i> , 2014, 14, 5198-5206. | 3.8 | 11 |
| 34 | The regulation of DNA adsorption and release through chitosan multilayers. <i>Carbohydrate Polymers</i> , 2014, 99, 394-402. | 10.2 | 17 |
| 35 | Modification of Silicone Elastomer with Zwitterionic Silane for Durable Antifouling Properties. <i>Langmuir</i> , 2014, 30, 11386-11393. | 3.5 | 121 |
| 36 | Strategy of Fc-Recognizable Peptide Ligand Design for Oriented Immobilization of Antibody. <i>Analytical Chemistry</i> , 2014, 86, 2931-2938. | 6.5 | 24 |

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|----|--|------|-----------|
| 37 | Hydrostatic pressure enhances mitomycin C induced apoptosis in urothelial carcinoma cells. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2014, 32, 26.e17-26.e24. | 1.6 | 9 |
| 38 | A novel application of indolicidin for gene delivery. <i>International Journal of Pharmaceutics</i> , 2013, 456, 293-300. | 5.2 | 13 |
| 39 | Salt bridge exchange binding mechanism between streptavidin and its DNA aptamer " thermodynamics and spectroscopic evidences. <i>Journal of Molecular Recognition</i> , 2013, 26, 149-159. | 2.1 | 10 |
| 40 | Improved DNA detection by utilizing electrically neutral DNA probe in field-effect transistor measurements as evidenced by surface plasmon resonance imaging. <i>Biosensors and Bioelectronics</i> , 2013, 41, 795-801. | 10.1 | 28 |
| 41 | Kosmotrope-like Hydration Behavior of Polyethylene Glycol from Microcalorimetry and Binding Isotherm Measurements. <i>Langmuir</i> , 2013, 29, 4259-4265. | 3.5 | 18 |
| 42 | Sensitive metal layer assisted guided mode resonance biosensor with a spectrum inversed response and strong asymmetric resonance field distribution. <i>Optics Express</i> , 2012, 20, 14584. | 3.4 | 55 |
| 43 | Use of a kinesin-cro Fusion Protein as the Nanoshuttle to Transport Specific DNA. <i>Current Nanoscience</i> , 2012, 8, 669-675. | 1.2 | 0 |
| 44 | Biofouling Resistance of Ultrafiltration Membranes Controlled by Surface Self-Assembled Coating with PEGylated Copolymers. <i>Langmuir</i> , 2012, 28, 1399-1407. | 3.5 | 90 |
| 45 | Use of Biotinylated Chitosan for Substrate-Mediated Gene Delivery. <i>Bioconjugate Chemistry</i> , 2012, 23, 1587-1599. | 3.6 | 24 |
| 46 | Bioadhesive Control of Plasma Proteins and Blood Cells from Umbilical Cord Blood onto the Interface Grafted with Zwitterionic Polymer Brushes. <i>Langmuir</i> , 2012, 28, 4309-4317. | 3.5 | 50 |
| 47 | Structural stability" chromatographic retention relationship on exenatide diastereomer separation. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2437-2444. | 3.7 | 3 |
| 48 | Rapid analysis of abused drugs using nanostructured silicon surface assisted laser desorption/ionization mass spectrometry. <i>Analyst</i> , The, 2012, 137, 654-661. | 3.5 | 28 |
| 49 | Molecular dynamics simulation of the induced" binding process of DNA aptamer and L-argininamide. <i>Biotechnology Journal</i> , 2012, 7, 1367-1375. | 3.5 | 25 |
| 50 | Optimization of DNA-directed immobilization on mixed oligo(ethylene glycol) monolayers for immunodetection. <i>Analytical Biochemistry</i> , 2012, 423, 26-35. | 2.4 | 18 |
| 51 | Real-time monitoring DNA hybridization by guided resonant mode biosensor. , 2011, , . | | 1 |
| 52 | Studies of the binding mechanism between aptamers and thrombin by circular dichroism, surface plasmon resonance and isothermal titration calorimetry. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 88, 552-558. | 5.0 | 102 |
| 53 | Using isothermal titration calorimetry to real-time monitor the heat of metabolism: A case study using PC12 cells and Al ²⁺ (1"40). <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 83, 307-312. | 5.0 | 2 |
| 54 | A Guided Mode Resonance Aptasensor for Thrombin Detection. <i>Sensors</i> , 2011, 11, 8953-8965. | 3.8 | 23 |

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|----|---|-----|-----------|
| 55 | Evaluation of Bioactivity and Effect of Polymeric Stabilizers During Heat Treatment for the Unfolded Fraction of Human Epidermal Growth Factor. <i>Journal of Fiber Science and Technology</i> , 2011, 67, 185-191. | 0.0 | 0 |
| 56 | Recent trends and some applications of isothermal titration calorimetry in biotechnology. <i>Biotechnology Journal</i> , 2010, 5, 85-98. | 3.5 | 73 |
| 57 | Daunomycin interaction with DNA: Microcalorimetric studies of the thermodynamics and binding mechanism. <i>Biotechnology Journal</i> , 2010, 5, 1069-1077. | 3.5 | 8 |
| 58 | Investigating the effects of sodium dodecyl sulfate on the aggregative behavior of hen egg-white lysozyme at acidic pH. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 81, 141-151. | 5.0 | 39 |
| 59 | Peroxidase Activity of DNA Aptamer-Pt Complexes Prepared with Cisplatin. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2010, 21, 67-82. | 3.5 | 2 |
| 60 | Tunable Bioadhesive Copolymer Hydrogels of Thermoresponsive Poly(<i>N</i> -isopropyl acrylamide) Containing Zwitterionic Polysulfobetaine. <i>Biomacromolecules</i> , 2010, 11, 1101-1110. | 5.4 | 121 |
| 61 | Hemocompatible Mixed-Charge Copolymer Brushes of Pseudozwitterionic Surfaces Resistant to Nonspecific Plasma Protein Fouling. <i>Langmuir</i> , 2010, 26, 3522-3530. | 3.5 | 137 |
| 62 | Separation of hematopoietic stem and progenitor cells from human peripheral blood through polyurethane foaming membranes modified with several amino acids. <i>Journal of Applied Polymer Science</i> , 2009, 114, 671-679. | 2.6 | 1 |
| 63 | Dynamic fluorescence imaging analysis to investigate the cholesterol recruitment in lipid monolayer during the interaction between A β -amyloid (1-40) and lipid monolayers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 74, 59-66. | 5.0 | 9 |
| 64 | Permeation of blood cells from umbilical cord blood through surface-modified polyurethane foaming membranes. <i>Journal of Membrane Science</i> , 2009, 339, 184-188. | 8.2 | 13 |
| 65 | Preparation of fractioned DNA aptamer-Pt complex through ultrafiltration and the colorimetric sensing of thrombin. <i>Journal of Membrane Science</i> , 2009, 328, 97-103. | 8.2 | 3 |
| 66 | Sulfobetaine-grafted poly(vinylidene fluoride) ultrafiltration membranes exhibit excellent antifouling property. <i>Journal of Membrane Science</i> , 2009, 339, 151-159. | 8.2 | 230 |
| 67 | Dual-Thermoresponsive Phase Behavior of Blood Compatible Zwitterionic Copolymers Containing Nonionic Poly(<i>N</i> -isopropyl acrylamide). <i>Biomacromolecules</i> , 2009, 10, 2092-2100. | 5.4 | 121 |
| 68 | Thermodynamic basis of chiral recognition in a DNA aptamer. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 9744. | 2.8 | 29 |
| 69 | Preparation of poly(vinylidene fluoride) microfiltration membrane with uniform surface-copolymerized poly(ethylene glycol) methacrylate and improvement of blood compatibility. <i>Journal of Membrane Science</i> , 2008, 309, 165-174. | 8.2 | 138 |
| 70 | Examining the levels of ganglioside and cholesterol in cell membrane on attenuation the cytotoxicity of beta-amyloid peptide. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 65, 172-177. | 5.0 | 38 |
| 71 | The investigation of recognition interaction between phenylboronate monolayer and glycated hemoglobin using surface plasmon resonance. <i>Analytical Biochemistry</i> , 2008, 375, 90-96. | 2.4 | 63 |
| 72 | A Highly Stable Nonbiofouling Surface with Well-Packed Grafted Zwitterionic Polysulfobetaine for Plasma Protein Repulsion. <i>Langmuir</i> , 2008, 24, 5453-5458. | 3.5 | 213 |

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|----|---|-----|-----------|
| 73 | Molecular Dynamics Simulations To Investigate the Domain Swapping Mechanism of Human Cystatin C. <i>Biotechnology Progress</i> , 2008, 23, 577-584. | 2.6 | 10 |
| 74 | Microcalorimetrics Studies of the Thermodynamics and Binding Mechanism between <sc>I</sc>-Tyrosinamide and Aptamer. <i>Journal of Physical Chemistry B</i> , 2008, 112, 6665-6673. | 2.6 | 65 |
| 75 | Investigation of the Mechanism of β -Amyloid Fibril Formation by Kinetic and Thermodynamic Analyses. <i>Langmuir</i> , 2008, 24, 5802-5808. | 3.5 | 48 |
| 76 | Preparation of a DNA Aptamer-Pt Complex and Its Use in the Colorimetric Sensing of Thrombin and Anti-Thrombin Antibodies. <i>Analytical Chemistry</i> , 2008, 80, 6580-6586. | 6.5 | 75 |
| 77 | Preservation of Hematopoietic Stem and Progenitor Cells from Umbilical Cord Blood Stored in a Surface Derivatized with Polymer Nanosegments. <i>Biomacromolecules</i> , 2008, 9, 634-639. | 5.4 | 5 |
| 78 | Molecular Dynamics Simulations of Human Cystatin C and Its L68Q Variant to Investigate the Domain Swapping Mechanism. <i>Journal of Biomolecular Structure and Dynamics</i> , 2007, 25, 135-144. | 3.5 | 11 |
| 79 | Novel Enzymatic Properties of DNA-Pt Complexes. <i>Biomacromolecules</i> , 2007, 8, 2684-2688. | 5.4 | 11 |
| 80 | Kinetics and enthalpy measurements of interaction between β -amyloid and liposomes by surface plasmon resonance and isothermal titration microcalorimetry. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 58, 231-236. | 5.0 | 49 |
| 81 | Exploring the effect of cholesterol in lipid bilayer membrane on the melittin penetration mechanism. <i>Analytical Biochemistry</i> , 2007, 367, 49-55. | 2.4 | 24 |
| 82 | Characterization of the Interaction of Galectin-1 with Sodium Arsenite. <i>Chemical Research in Toxicology</i> , 2006, 19, 469-474. | 3.3 | 17 |
| 83 | Thermodynamics and mechanism of ssDNA hybridization below the melting temperature by isothermal titration calorimetry. <i>Thermochimica Acta</i> , 2005, 433, 83-87. | 2.7 | 3 |
| 84 | The effects of denaturants on protein conformation and behavior at air/solution interface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2005, 41, 1-6. | 5.0 | 13 |
| 85 | Effects of solute-matrix interaction on monitoring the conformational changes of immobilized proteins by surface plasmon resonance sensor. <i>Talanta</i> , 2005, 67, 862-867. | 5.5 | 8 |
| 86 | An investigation into the influence of secondary structures on DNA hybridization using surface plasmon resonance biosensing. <i>Chemical Physics Letters</i> , 2004, 397, 429-434. | 2.6 | 19 |
| 87 | Microcalorimetric studies of the mechanism of interaction between designed peptides and hydrophobic adsorbents. <i>Journal of Colloid and Interface Science</i> , 2003, 263, 23-28. | 9.4 | 14 |
| 88 | Microcalorimetric investigation of the interaction of polysorbate surfactants with unilamellar phosphatidylcholines liposomes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003, 213, 7-14. | 4.7 | 36 |
| 89 | Effect of Temperature on Hydrophobic Interaction between Proteins and Hydrophobic Adsorbents: Studies by Isothermal Titration Calorimetry and the van't Hoff Equation. <i>Langmuir</i> , 2003, 19, 9395-9403. | 3.5 | 132 |
| 90 | Thermodynamic analysis of the interaction between proteins and solid surfaces: application to liquid chromatography. <i>Journal of Molecular Recognition</i> , 2002, 15, 55-93. | 2.1 | 54 |

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|-----|---|-----|-----------|
| 91 | Renaturation and Interaction of Ribonuclease A with AOT Surfactant in Reverse Micelles. <i>Biotechnology Progress</i> , 2002, 18, 1443-1446. | 2.6 | 11 |
| 92 | Microcalorimetric Studies on the Interaction Mechanism between Proteins and Hydrophobic Solid Surfaces in Hydrophobic Interaction Chromatography: Effects of Salts, Hydrophobicity of the Sorbent, and Structure of the Protein. <i>Analytical Chemistry</i> , 2001, 73, 3875-3883. | 6.5 | 89 |
| 93 | Microcalorimetric Study of the Effect of Hexa-histidine Tag and Denaturant on the Interaction Mechanism between Protein and Metal-Chelating Gel. <i>Journal of Colloid and Interface Science</i> , 2001, 238, 333-339. | 9.4 | 7 |
| 94 | Microcalorimetric studies of the interaction mechanisms between proteins and Q-Sepharose at pH near the isoelectric point (pI). <i>Journal of Chromatography A</i> , 2001, 912, 281-289. | 3.7 | 80 |
| 95 | Molecular recognition in imprinted polymers: thermodynamic investigation of analyte binding using microcalorimetry. <i>Journal of Chromatography A</i> , 2001, 923, 1-6. | 3.7 | 43 |
| 96 | Isothermal Titration Microcalorimetric Studies of the Effect of Temperature on Hydrophobic Interaction between Proteins and Hydrophobic Adsorbents. <i>Journal of Colloid and Interface Science</i> , 2000, 229, 600-606. | 9.4 | 57 |
| 97 | Microcalorimetric studies of interactions between proteins and hydrophobic ligands in hydrophobic interaction chromatography: effects of ligand chain length, density and the amount of bound protein. <i>Journal of Chromatography A</i> , 2000, 872, 37-47. | 3.7 | 89 |
| 98 | Determination of the Second Virial Coefficient of the Interaction between Microemulsion Droplets by Microcalorimetry. <i>Langmuir</i> , 2000, 16, 300-302. | 3.5 | 14 |
| 99 | Microcalorimetric Studies of the Interactions of Lysozyme with Immobilized Metal Ions: Effects of Ion, pH Value, and Salt Concentration. <i>Journal of Colloid and Interface Science</i> , 1999, 214, 373-379. | 9.4 | 42 |
| 100 | Protein separation by hydrophobic interaction chromatography using methacrylic block copolymers as displacers. <i>Journal of Chromatography A</i> , 1998, 824, 35-43. | 3.7 | 10 |
| 101 | In vitro study of enzymatic degradation of biological tissues fixed by glutaraldehyde or epoxy compound. <i>Journal of Biomaterials Science, Polymer Edition</i> , 1997, 8, 587-600. | 3.5 | 1 |
| 102 | The role of electroosmotic flow on in-vitro transdermal iontophoresis. <i>Journal of Controlled Release</i> , 1997, 43, 23-33. | 9.9 | 14 |
| 103 | Microcalorimetric Studies of the Interactions of Lysozyme with Immobilized Cu(II): Effects of pH Value and Salt Concentration. <i>Journal of Colloid and Interface Science</i> , 1997, 190, 49-54. | 9.4 | 35 |
| 104 | A method to predict the transdermal permeability of amino acids and dipeptides through porcine skin. <i>Journal of Controlled Release</i> , 1996, 38, 229-234. | 9.9 | 14 |
| 105 | Interactions of Imidazole and Proteins with Immobilized Cu(II) Ions: Effects of Structure, Salt Concentration, and pH in Affinity and Binding Capacity. <i>Journal of Colloid and Interface Science</i> , 1996, 180, 135-143. | 9.4 | 62 |
| 106 | Microcalorimetric Studies of the Interactions of Imidazole with Immobilized Cu(II): Effects of pH Value and Salt Concentration. <i>Journal of Colloid and Interface Science</i> , 1996, 183, 236-242. | 9.4 | 26 |
| 107 | The curing reaction of poly(ether-sulfone)-modified epoxy resin. <i>Macromolecular Chemistry and Physics</i> , 1995, 196, 3447-3458. | 2.2 | 21 |
| 108 | The sorption of lysozyme and ribonuclease onto ferromagnetic nickel powder 1. Adsorption of single components. <i>Colloids and Surfaces B: Biointerfaces</i> , 1995, 5, 25-34. | 5.0 | 18 |

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|-----|--|-----|-----------|
| 109 | Effect of Block Size and Sequence on the Micellization of ABC Triblock Methacrylic Polyampholytes. <i>Macromolecules</i> , 1995, 28, 8604-8611. | 4.8 | 97 |
| 110 | The Effects of Amino Acid Sequence on the Partition of Peptides in Aqueous Two-Phase System.. <i>Journal of Chemical Engineering of Japan</i> , 1994, 27, 688-690. | 0.6 | 14 |