

SCIENCE CITATION REPORT

1. Reuss, M., Josic, Dj., Popovic, M., Bronn, W.K. (1979), Viscosity of Yeast Suspensions, *Eur. J. Appl. Microbiol. Biotechnol.* 8, 167-172.
2. Josic, Dj. (1980), Kriterien zur Qualitätsbestimmung der aktiven Trockenbackhefe, in "Getreide, Mehl und Brot" 34, 179-182.
3. Josic, Dj. (1980), Moderne Tendenzen in der Entwicklung der Backhefe-technologie (Croatian), *Kemija u industriji* 29, 177-182.
4. Josic, Dj., Johanides, V. (1982), Die Roll der Emulgatoren in der Backhefetechnologie (Croatian), *Kemija u industriji* 30 (2), 69-75.
5. Josic, Dj. (1982), Optimization of Process Conditions for the Production of Active Dry Yeast, *Lebensmittel-Wissenschaft und -Technologie* 15, 5-14.
6. Josic, Dj., Reutter, W., Molnar, I. (1982), HPLC of Membrane Bound Proteins; Practical Aspects of Modern HPLC (I. Molnar, Ed.), 109-121, Walter de Gruyter, Berlin - New York.
7. Josic, Dj. (1982), Hochleistungsflüssigkeitschromatographie (Croatian), *Prehrambeno-tehnoloska revija* 20 (2), 133-141.
8. Josic, Dj., Neumeier, R.; Reutter, W. (1983), Different Pattern of Membrane Components in Hepatocytes and Hepatoma Cells, *Eur. J. Cell Biol., Suppl.* 2, 20.
9. Neumeier, R., Josic, Dj., Reutter, W. (1984), Integral Membrane Antigens Involved in Cell-Substratum Adhesion of Hepatocytes and Hepatoma Cells, *Exp. Cell. Res.* 152, 402-414.
10. Josic, Dj., Hafermaas, R., Bauer, Ch., Reutter, W. (1984), Automatic Amino Acid and Sugar Analysis of Glycoproteins, *J. Chromatogr.* 317, 35-39.
11. Josic, Dj., Baumann, H., Reutter, W. (1984), Size-Exclusion High Performance Liquid Chromatography and Sodium Dodecyl Sulfate-Poly-Acrylamide Gel Electrophoresis of Proteins: A Comparison, *Anal. Biochem.* 142, 473-479.
12. Josic, Dj., Schütt, W., Neumeier, R., Reutter, W. (1985), Purification of Liver and Hepatoma Membrane Proteins by High Performance Liquid Chromatography, *FEBS Lett.* 185, 182-186.
13. Josic, Dj., Schütt, W., van Renswoude, J., Reutter, W. (1986), HPLC of Antibodies, Glycosidases and Membrane Proteins, *J. Chromatogr.* 353, 13-18.
14. Josic, Dj., Mattia, E., Ashwell, G., van Renswoude, J. (1986), Quantitative Determination of Intracellular, Ferritin-Associated Radio-active Iron by HPLC and Immunoprecipitation, *Anal. Biochem.* 152, 42-47.

15. Mattia, E., Josic, Dj., Ashwell, G., Klausner, R., van Renswoude, J., (1986), Regulation of Intracellular Iron Distribution in K 562 Human Erythroleukemia Cells, *J. Biol. Chem.* 261, 4587-4593.
16. Josic, Dj. (1986), Anionenaustausch-HPLC von Proteinen, *Labor-Praxis* 3.
17. Josic, Dj., Hofmann, W., Wieland, B., Nuck, R., Reutter, W. (1986), Anion-Exchange High Performance Liquid Chromatography of Membrane Proteins from Liver and Morris Hepatomas, *J. Chromatogr.* 359, 315-322.
18. Tauber, R., Schenk, I., Gross, V., Heinrich, P. C., Josic, Dj., Reutter, W. (1986), Different Oligosaccharide Processing of the Membrane-Integrated and the Secreted Form of GP 80 in Rat Liver, *EMBO J.* 5, 2109-2114.
19. Josic, Dj., Hofmann, W., Reutter, W. (1986), Ion-Exchange and Hydrophobic-Interaction High Performance Liquid Chromatography of Proteins - A Practical Study, *J. Chromatogr.* 371, 43-54.
20. Josic, Dj., Hofmann, W., Habermann, R., Reutter, W. (1987), High Performance Liquid Affinity Chromatography of Liver Membrane Proteins, *J. Chromatogr.* 397, 39-49.
21. Josic, Dj. (1987), Affinitäts-HPLC von Proteinen, *Labor-Praxis* 4,
22. Josic, Dj., Tauber, R., Hofmann, W., Mauck, J., Reutter, W. (1987), Half-Lives of L-[³⁵S] Methionine and L-[³H] Fucose of Transferrin in the Serum of Rats, *J. Clin. Chem. Clin. Biochem.* 25, 869-871.
23. Josic, Dj., Hofmann, W., Habermann, R., Reutter, W. (1988), High Performance Concanavalin A Affinity Chromatography of Liver and Hepatoma Membrane Proteins, *J. Chromatogr.* 444, 29-39.
24. Josic, Dj., Hofmann, W., Habermann, R., Reutter, W. (1988), Isolation of Immunoglobulins and Their Use in Immunoaffinity HPLC, *J. Clin. Chem. Clin. Biochem.* 26, 559-568.
25. Josic, Dj., Krämer, D., Reutter, W. (1989), The Application of Immobilized Affinity Ligands in HPLC, *Angew. Makromol. Chemie* 166/167, 249-256.
26. Josic, Dj., Zeilinger, K., Lim, Y.-P., Raps, M., Reutter, W. (1989), Preparative Isolation of Glycoproteins from Plasma Membranes of Different Rat Organs, *J. Chromatogr.* 484, 327-335.
27. Josic, Dj., Zeilinger, K. (1989), Hochleistungskapillarelektrophorese von Proteinen und Peptiden, *Labor-Praxis* 12, 1111-1114.
28. Josic, Dj., Lim, Y.-P., Zeilinger, K., Raps, M., Hofmann, W., Reutter, W., (1989), Anwendung präparativer und analytischer Hochleistungsflüssigkeitschromatographie für

die Trennung von Membranproteinen, 10. Königsteiner Chromatographie-Tage, Nürnberg, Vortragsband, 122-138.

29. Josic, Dj., Reutter, W., Reusch, J. (1989), Crown Ethers as Ligands for High-Performance Liquid Chromatography of Proteins and Nucleic Acids, *J. Chromatogr.* **476**, 309-318.
30. Josic, Dj., Gossrau, R., Habermann, R., Lim, Y.-P., Reutter, W. (1990), Calcium-binding Proteins 33 kDa, 35 kDa and 65/67 kDa in Normal Rat and Morris Hepatoma Tissues; a Biochemical and Immunohistochemical Study, *Histochemistry* **93**, 389-395.
31. Josic, Dj., Böttcher, A., Schmitz, G. (1990), High Performance Capillary Isotachopheresis of Serum Lipoproteins and Membrane Proteins, *Chromatographia* **30**, 703-706.
32. Josic, Dj., Zeilinger, K., Böttcher, A., Schmitz, G., Reutter, W. (1990), High Performance Capillary Electrophoresis of Hydrophobic Proteins, *J. Chromatogr.* **516**, 89-98.
33. Nuck, R., Zimmermann, M., Sauvageot, D., Josic, Dj., Reutter, W., (1990), Optimized Deglycosylation of Glycoproteins by Peptide-N⁴-(N-acetyl- β -gluco-saminyl)-asparagine Amidase from *Flavobacterium Meningosepticum*, *Glycoconjugate J.* **7**, 279-286.
34. Josic, Dj., Raps, M., Hartel-Schenk, S., Hofmann, W., Reutter, W. (1988), Semipräparative Isolierung von Dipeptidyl Peptidase IV aus Leberplasma-membranen, 3. Würzburger Chromatographie-Gespräche, Würzburg 1988, 3-8.
35. Josic, Dj., Reutter, W. (1991), Sample Preparation and Application of Different HPLC Methods for the Separation of Hydrophobic Membrane Proteins (Hodges, R. S., ed.), CRC Press, Boca Raton, 231-238.
36. Josic, Dj., Becker, A., Reutter, W. (1991), Application of HPA-Chromatographic Techniques, in "HPLC of Proteins, Peptides and Polynucleotides" (M. Hearn, ed.), VCh, Weinheim-New York, 469-494.
37. Josic, Dj., Reusch, J. (1990), Reinigung und Isolierung von biologischen Proben mit Affinitätschromatographie, *Chemische Rundschau* **43** (Nr. 14), 15.
38. Abou-Rebyeh, H., Josic, Dj., Gottschall, K., Schubert-Rehberg, K., Körber, F. (1991), Purification of Carbonic Anhydrase Isoenzymes by High Performance Affinity Chromatography and Hydrophobic Interaction Chromatography, *J. Chromatogr.* **566**, 351-359.
39. Abou-Rebyeh, H., Körber, F., Schubert-Rehberg, K., Reusch, J., Josic, Dj. (1991), Carrier Membrane as a Stationary Phase for Affinity Chromatography and Kinetic Studies of Membrane-Bound Enzymes, *J. Chromatogr.* **566**, 341-350.
40. Josic, Dj., Löster, K., Kuhl, R., Noll, F., Reusch, J. (1991), Purification of Monoclonal Antibodies by Hydroxylapatite HPLC and Size Exclusion HPLC, *Biol. Chem. Hoppe-Seyler* **372**, 149-156.
41. Löster, K., Josic, Dj., Reusch, J. (1992), Nachweis verschiedener Isoformen monoklonaler Antikörper durch Hydroxylapatit-HPLC, *GIT Spezial, Chromatographie* **12**, 104-106.

42. Josic, Dj. Reusch, J., Löster, K., Baum, O., Reutter, W. (1992), High Performance Membrane Chromatography of Serum and Plasma Membrane Proteins, *J. Chromatogr.* 590, 59-76.
43. Josic, Dj., Reusch, J., Baum, O., Löster, K., Reutter, W. (1992), Application of Compact Porous Disks for Separation of Proteins and Immobilization of Enzymes, PREP '92, Nancy, Vortragsband, 113-117.
44. Reusch, J., Josic, Dj. (1991), Hochleistungs-Membranchromatographie und Affinitätsfiltration mit immobilisierten Enzymen, 11. Königsteiner Chromatographie-Tage, Vortragsband, 158-165.
45. Josic, Dj. (1992), HPLC von Proteinen, Teil I und II, *BioTec* 4, Sept./Okt., 41-46.
46. Josic, Dj., Bal, F., Schwinn, H. (1993), Isolation of Plasma Proteins from the Clotting Cascade by Heparin Affinity Chromatography, *J. Chromatogr.* 632, 1-10.
47. Luksa, J., Menart, V., Milicic, S., Kus, B., Gaberc-Porekar, V., Josic Dj., (1994), Purification of Tumor Necrosis Factor by Membrane Chromatography, *J. Chromatogr.* 661, 161-168.
48. Strancar, A., Raspor, P., Schwinn, H., Schütz, R., Josic, Dj. (1994), Extraction of Triton X 100 and Its Determination in Virus-Inactivated Plasma by the Solvent-Detergent Method, *J. Chromatogr. A.* 658, 475-481.
49. Schwinn, H., Stadler, M., Josic, Dj., Bal, F., Gehringer, W., Nur, I., Schütz, R. (1994), A Solvent-Detergent Treated, Pasteurised and Highly Purified Factor VIII Concentrate, *Arzneimittel-Forschung/Drug Research* 44 (I), 2, 188-191.
50. Josic, Dj., Schwinn, H., Stadler, M., Strancar, A. (1994), Purification of Factor VIII and von Willebrand Factor from Human Plasma by Anion Exchange Chromatography, *J. Chromatogr. B* 662, 181-190.
51. Josic, Dj., Lim, Y.-P., Strancar, A., Reutter, W. (1994), Application of High-Performance Membrane Chromatography for Separation of Annexins from the Plasma Membranes of Liver and Isolation of Monospecific Polyclonal Antibodies, *J. Chromatogr. B.* 662, 217-226.
52. Hoffer, L., Schwinn, H., Biesert, L., Josic, Dj. (1995), Improved Virus Safety and Purity of a Chromatographically Produced Factor IX Concentrate by Nanofiltration, *J. Chromatogr. B.* 669, 187-196.
53. Fan, H., Josic, Dj., Lim, Y.-P., Lucka, L., Reutter, W. (1995), cDNA Cloning and Tissue Specific Regulation of Expression of Rat Calcium-Binding Protein 65/67, *Eur. J. Biochem.* 230, 741-751.
54. Luksa, J., Josic, Dj. (1995), Determination of Cimetidine in Human Plasma by Free Zone Capillary Electrophoresis, *J. Chromatogr. B.* 669, 187-196.

55. Robinson, S., Schwinn, H., Josic, Dj., Nur, L., Stadler, M., Bal, F., Gehringer, W., Schütz, R. (1995), Development and Biochemical Characterization of a Double-Virus Inactivated Factor VIII Preparation, *Blood Coagulation and Fibrinolysis* 6, Suppl 2, 40-44.
56. Josic, Dj., Zeilinger, K. (1996), Membrane Proteins, *Methods in Enzymology* 271, 113-134.
57. Morfeld, F., Schütz, R., Josic, Dj., Schwinn, H. (1996), Manufacturing and Down-Scaling Process for a Virus Inactivated Pooled Human Plasma, *Pharm. Ind.* 58, 433-435
58. Strancar, A., Koselj, P., Schwinn, H., Josic, Dj. (1996), Application of Compact Porous Disks for Fast Separation of Biopolymers and In-Process Control in Biotechnology, *Anal. Chem.* 68, 3483-3488.
59. Strancar, A., Barut, M., Podgornik, A., Koselj, P., Schwinn, H., Raspor, P., Josic, Dj. (1997), Application of Compact Porous Tubes for Preparative Isolation of Clotting Factor VIII from Human Plasma, *J. Chromatogr. A* 760, 117-123.
60. Josic, Dj., Schulz, P., Biesert, L., Hoffer, L., Schwinn, H., Kordis-Krapes, M., Strancar, A. (1997), Issues in Development of Medical Products Based on Human Plasma, *J. Chromatogr. B* 694, 253-269.
61. Luksa, J., Josic, Dj., Podgornik, B., Furlan, B., Kremser, M. (1997), Semi-Preparative Chromatographic Purification of the Enantiomers S-(-)-Amlodipine and R-(+)-Amlodipine, *J. Chromatogr. B* 693, 367-375.
62. Luksa, J., Josic, Dj., Kremser, M., Cvelbar, P., Kopitar, Z., Milutinovic, S. (1997), Pharmacokinetic Behaviour of R-(+)- and S-(-)-Amlodipine after Single Enantiomer Administration, *J. Chromatogr. B* 703, 185-193.
63. Löster, K., Josic, Dj. (1997), Analysis of Protein Aggregates by Combination of Cross-Linking Reactions and Chromatographic Separations, *J. Chromatogr. B* 699, 439-461.
64. Buchacher, A., Schulz, P., Choromanski, J., Schwinn, H., Josic, Dj. (1998), High Performance Capillary Electrophoresis for In-Process Control in the Production of Antithrombin III and Human Clotting Factor IX. *J. Chromatogr. A* 802, 355-366.
65. Josic, Dj., Horn, H., Schulz, P., Schwinn, H., Britsch, L. (1998), Size Exclusion Chromatography of Plasma Proteins with High Molecular Masses, *J. Chromatogr. A* 796, 289-298.
66. Josic, Dj., Schwinn, H., Strancar, A., Podgornik, A., Barut, M., Lim, Y.-P., Vodopivec, M. (1998), Use of Compact, Porous Units with Immobilized Ligands with High Molecular Masses in Affinity Chromatography and Enzymatic Conversion of Substrates with High and Low Molecular Masses, *J. Chromatogr. A* 803, 61-71.
67. Pock, K., Jungbauer, A., Kannicht, Ch., Löster, K., Buchacher, A., Josic, Dj. (1998), Electrophoretic Analyses of Clotting Factor VIII Concentrates, *Analytica Chimica Acta* 372, 219-229.

68. Linnemayr, K., Rizzi, A., Josic, Dj., Allmaier, G. (1998), Comparison of Microscale Cleaning Procedures for (Glyco) Proteins Prior to Positive Ion Matrix-Assisted Laser Desorption Ionization Mass Spectrometry, *Analytica Chimica Acta* 372, 187-199.
69. Strancar, A., Barut, M., Podgornik, A., Josic, Dj., Buchacher, A. (1998), Convective Interaction Media (CIM): Polymer Based Supports For Fast Separation Of Biomolecules, *LC/GC* 11, 660-670.
70. Necina, R., Amatschek, K., Schallaun, E., Schwinn, H., Josic, Dj., Jungbauer, A. (1998), Peptide Affinity Chromatography Of Human Clotting Factor VIII; Screening of the vWF-Binding Domain, *J. Chromatogr. B* 715, 191-201.
71. Josic, Dj., Strancar, A. (1999), Application of Membranes and Compact, Porous Units for the Separation of Biopolymers, *Ind. Eng. Chem. Res.* 38, 333-342.
72. Josic, Dj., Pock, K. (1999), Development of Medical Products Based on Human Plasma, *Food Technology and Biotechnology* 37 (1), 51-63.
73. Josic, Dj., Buchacher, A., Kannicht, Ch., Lim, Y.-P., Löster, K., Pock, K., Robinson, S., Schwinn, H., Stadler, M. (1999), Degradation Products of Factor VIII Which Can Lead to Increased Immunogenicity, *Vox Sang* 77, 90-99.
74. Josic, Dj. (1998), Issues in the Development of Medical Products Based on Human plasma, in Proc. of „Bioprocess Engineering Course“, Supetar, Island of Brac, Croatia, (M. Berovic, Ed.), Europ. Fed. Biotechnol., published by National Inst. of Chemistry, Ljubljana, Slovenia 1998, pp. 562-578.
75. Hoffer, L., Schwinn, H., Josic, Dj. (1999), Production of Highly Purified Clotting Factor IX by a Combination of Different Chromatographic Methods, *J Chromatogr. A* 844, 119-128.
76. Linnemayr, K., Brueckner, A., Koerner, R., Hahn, R., Jungbauer, A., Josic, Dj., Roepstorff, P., Rizzi, A., Allmaier, G. (1999), MALDI Time-Of-Flight and Nano ESI Ion Trap Mass Spectrometric Characterization of 1-Cyano-2-substituted-benz[f]isoindole Derivatives of Peptides for Fluorescence Detection, *J Mass Spectrometry* 34, 427-434.
77. Saenko, E., Sarafanov, A., Greco, N., Shima, M., Löster, K., Schwinn, H., Josic, Dj. (1999), Use of Surface Plasmon Resonance for Studies of Protein-Protein and Protein-Phospholipid Membrane Interactions. Application to the Binding of Factor VIII to von Willebrand Factor and to Phosphatidylserine-Containing Membranes, *J Chromatogr. A* 852, 59-71.
78. Saenko, E., Löster, K., Josic, Dj., Sarafanov, A. (1999), Effect of von Willebrand Factor and Its Proteolytic Fragments on Kinetics of Interaction Between the Light and Heavy Chains of Human Factor VIII, *Thrombosis Research* 96, 343-354.
79. Pock, K., Rizzi, A., Josic, Dj. (1999), Use of High-Resolution Techniques for the Characterization of Clotting Factors VIII, *J Chromatogr. A* 852, 175-188.

80. Barut, M., Podgornik, A., Podgornik, H., Strancar, A., Josic, Dj., Mac Farlane, J.D. (1999), Fast Separation of Biomolecules Using Polymer-Based Monolithic Supports, *Am. Biotechn. Lab.* 17, 48-51.
81. Amatschek, K., Necina, R., Hahn, R., Schallaun, E., Schwinn, H., Josic, Dj., Jungbauer, A. (2000), Affinity Chromatography of Human Blood Coagulation Factor VIII on Monoliths with Peptides from a Combinatorial Library, *J. High Resol. Chromatogr.* 23, 47-58.
82. Raspor, P., Batic, M., Jamnik, P., Josic, Dj., Mila, R., Pa, M., Recek, M., Rei-Dereani, V., Skrt, M. (2000), The Influence of Chromium Compounds on Yeast Physiology, *Acta Microbiologica et Immunologica Hungarica* 47, 143-173.
83. Josic, Dj., Hoffer, L., Buchacher, A., Schwinn, H., Frenzel, W., Biesert, L., Klöcking, H.-P., Hellstern, P., Rokicka-Milewska, R., Klukowska, A. (2000), Manufacturing of a Prothrombin Complex Concentrate Aiming at Low Thrombogenicity, *Thromb. Res.* 100, 433-441.
84. Branovic, K., Buchacher, A., Barut, M., Strancar, A., Josic, Dj. (2000), Application of Monoliths for Down-Stream Processing of Clotting Factor IX, *J Chromatogr. A* 903, 21-32.
85. Josic, Dj., Buchacher, A., Jungbauer, A. (2001), Monoliths as Stationary Phases for Separation of Proteins and Polynucleotides and Enzymatic Conversion, *J. Chromatogr. B* 752, 191-205.
86. Pfliegerl, K., Hahn, R., Schallaun, E., Josic, Dj., Jungbauer, A. (2001), Quantification of Plasma Derived Blood Coagulation Factor VIII by Real-Time Biosensor Measurements, *J. Chromatogr. B* 752, 335-347.
87. Saenko, E., Sarafanov, A., Josic, Dj., Stadler, M., Shima, M., Schwinn, H. (2001), Molecular Modifications in Factor VIII Concentrates Produced from Plasma Pools with Elevated Levels of Coagulation Markers Using Solvent-Detergent Treatment and Pasteurisation, *Thromb. Res.* 101, 1-11.
88. Josic, Dj., Kannicht, C., Löster, K., Pock, K., Iberer, G., Buchacher, A. (2001), Vitronectin in clotting factor IX concentrates, *Haemophilia* 7, 250-257.
89. Podgornik, A., Barut, M., Strancar, A., Josic, Dj., Koloini, T. (2000), Construction of Large Volume Monolithic Columns, *Anal. Chem.* 72, 5693-5699.
90. Hahn, R., Amatschek, K., Schallaun, E., Necina, R., Josic, D., Jungbauer, A. (2001), Performance of Affinity Chromatography with Peptide Ligands: Influence of Spacer, Matrix Composition and Immobilization Chemistry, *Int. J. Bio-Chromatogr.*, in press.
91. Buchacher, A., Iberer, G., Jungbauer, A., Schwinn, H., Josic, Dj. (2001), Continuous Removal of Protein Aggregates by Annular Chromatography, *Biotechn. Progr.* 17, 140-149.

92. Josic, Dj., Buchacher, A. (2001), Application of Monoliths as Supports for Affinity Chromatography and Fast Enzymatic Conversion, *J. Biochem. Biophys. Methods* 49, 153-174.
93. Pock, K., Buchacher, A., Rizzi, A., Josic, Dj. (2001), Characterization of Clotting Factor IX in Plasma Derived Preparations by Electrophoretic Techniques, *J. Chromatogr. A* 921, 57-69.
94. Iberer, G., Schwinn, H., Josic, Dj., Jungbauer, A., Buchacher, A. (2001), Improved Performance of Protein Separation by Continuous Annular Chromatography in the Size-Exclusion Mode, *J. Chromatogr. A* 921, 15-25.
95. Saenko, E., Sarafanov, A., Ananyeva, N., Behre, E., Shima, M., Schwinn, H., Josic, Dj. (2001), Comparison of the Properties of Phospholipid Surfaces Formed on HPA and L1 Biosensor Chips for Binding of Coagulation Factor VIII, *J. Chromatogr. A* 921, 49-57.
96. Josic, Dj., Lim, Y.-P. (2001) Analytical and Preparative Methods for Purification of Antibodies, *Food Technol. Biotechnol.* 39, 215-226.
97. Lim, Y.-P., Josic, Dj. (2001) HPLC Purification of Antibodies in „HPLC of Biological Macromolecules, 2nd Edition“ (Gooding, K., Regnier, FE., Eds.), Marcel Dekker Inc., New York, 607-633.
98. Josic, Dj. (2001), Affinity Chromatography of Proteins from Human Plasma Using Low Molecular Combinatorial Ligands, *Kem. Ind.* 50, 325-334.
99. Saenko, E.L., Josic, Dj., Stadler, M., Sarafanov, A., Lim, Y.-P., Shima, M., Ananyeva, N., Schwinn, H. (2001), Molecular Modifications in Factor VIII Concentrates Produced from Different Plasma Pools, *Thromb. Res.* 101, 501-511.
100. Josic, Dj., Stadler, M., Gruber, G., Kannicht, Ch., Schwinn, H. (2001), Process development of a highly purified, native Factor VIII/von Willebrand Factor concentrate, *Downstream PPB 2001*, 18-20.
101. Yang, S., Lim, Y.-P., Zhou, M., Salvemini, P., Schwinn, H., Josic, Dj., Koo, D.J., Chaudry, IH., Wang, P. (2002), Administration of Human Inter-a-Inhibitors Maintains Hemodynamic Stability and Improves Survival During Sepsis, *Crit. Care Med.* 30, 617-622.
102. Khrenov, A., Sarafanov, A., Ananyeva, N., Kouivaskaia, D., Shima, M., Schwinn, H., Josic, Dj., Saenko, E. (2002), Molecular Basis for Different Ability of Low-density and High-density Lipoproteins to Support Activity of the Intrinsic Xase Complex, *Thromb. Res.* 105, 1-7.
103. Saenko, E., Kannicht, Ch., Löster, K., Sarafanov, A., Khrenov, A., Kouivaskaia, D., Shima, M., Ananyeva, N., Schwinn, H., Gruber, G., Josic, Dj. (2002), Development and applications of surface plasmon resonance-based von Willebrand factor-collagen binding assay, *Anal. Biochem.* 302, 252-262.

104. Iberer, G., Schwinn, H., Josic, Dj., Buchacher, A. (2002), Continuous Purification of a Clotting Factor IX Concentrate and Continuous Regeneration by Preparative Annular Chromatography, *J. Chromatogr. A* 972, 115-129.
105. Heger, A., Grunert, T., Schulz, P., Josic, Dj., Buchacher, A. (2002), Separation of active and inactive forms of human antithrombin by heparin affinity chromatography, *Thromb. Res.* 106, 157-
106. Josic, Dj., Barut, M. (2002), Monolithic Chromatography Media in „Chromatographic Packing Materials“ (Eriksson, K.-O., Henry, M.P., Eds.), MML Series, Citus Ltd., London, in press.
107. Josic, Dj. (2002), Separation of Peptides and Proteins in „Monolithic Materials: Preparation, Properties and Application“ (Svec, F., Deyl, Z., Tennikova, T., Eds.), Elsevier Science B.V., Amsterdam
108. Saenko, E., Ananyeva, N.M., Kouivaskaia, D., Schwinn, H., Josic, Dj., Shima, M., Hauser, C.A.E., Pipe, S.W. (2002), Molecular Defects in the Coagulation Factor VIII and Their Impact on Factor VIII Function [Invited Review], *Vox Sang* 83, 89-96.
109. Belgacem, O., Buchacher, A., Pock, K., Josic, Dj., Sutton, Ch., Rizzi, A., Allmaier, G. (2002), Molecular Mass Determination of Plasma-Derived Blood Glycoproteins by UV MALDI-TOF Mass Spectrometry with Internal Calibration, *J. Mass Spectrometry* 37, 111801130.
110. Branovic, K., Lattner, G., Barut, M., Strancar, A., Josic, Dj., Buchacher, A. (2003), Very fast analysis of impurities in immunoglobulin concentrates using conjoint liquid chromatography on short monolithic disks, *J. Immunol. Methods*, 271,47-58.
111. Branovic, K., Buchacher, A., Barut, M., Strancar, A., Josic, Dj. (2003), Application of semi-industrial monolithic columns for downstream processing of clotting factor IX, *J. Chromatogr.B*, 790,175-182.
112. Josic, Dj., Hoffer, L., Buchacher, A. (2003), production of vitamin K-dependent proteins such as clotting factors II, Vii, Ix and X and clotting inhibitor protein C, *J. Chromatogr. B*, 790,183-197.
113. Kremser, L., Bruckner, A., Heger, A., Grunert, T., Buchcher, A., Josic, Dj., Allmaier, G., Rizzi, A., (2003), Characterization of antithrombin III from human plasma by two-dimensional gel electrophoresis and capillary electrophoretic methods, *Electrophoresis* 24, 4282-4290.
114. Demelbauer, U.M., Plematl, A., Kremser, L., Allmaier, G., Josic, Dj.,Rizzi,A.,(2004), Characterization of glycol isoforms in plasmaderived human antithrombin by on-line capillary zone electrophoresis-electrospray ionization-quadrupole ion trap-mass spectrometry of the intact glycoproteins, *Electrophoresis* 25, 2026-2032.
115. Josic, Dj., Brown, M. K., Huang, F., Callanan, H., Rucevic, M., Nicoletti, A. , Clifton, J., Hixson, D.C., (2005) Use of selective extraction and fast chromatographic separation

combined with electrophoretic methods for mapping of membrane proteins, *Electrophoresis* 26, 2809-2822.

116. Lim Y.-P., Josic Dj., Callanan H., Brown J., Hixson D.C., (2005), Affinity purification and enzymatic cleavage of inter-alpha inhibitor proteins using antibody and elastase immobilized on CIM monolithic disks, *J. Chromatogr. A*, 1065, 39-43.
117. Demelbauer, U.M., Plematl, A., Josic, Dj., Allmaier, G., Rizzi, A (2005). On the variation of glycosylation in human plasma derived antithrombin. *J. Chrom.A*, 1080,15-21.
118. Plematl, A., Demelbauer, U.M., Josic, Dj., Rizzi, A., (2005), Determination of the site-specific and isoform-specific glycosylation in human plasma-derived antithrombin by IEF and capillary HPLC-ESI-MS/MS, *Proteomics*, 5,4025-4033.
119. Josic, Dj., Brown, M.K., Huang, F., Lim, Y.-P., Rucevic, M., Clifton, J.G., Hixson, D.C., (2006), Proteomic characterization of inter-alpha inhibitor proteins from human plasma, *Proteomics*, 6,2874-2885.
120. Lawson, E.L., Clifton, J.G., Huang, F., Li, X., Hixson, D.C., Josic, Dj, (2006), Use of magnetic beads with immobilized monoclonal antibodies for isolation of highly pure plasma membranes, *Electrophoresis*, 27,2747-2758.
121. Rucevic, M., Clifton, J. G., Huang, F., Li, X., Callanan, H., Hixson, D.C., Josic, Dj, (2006), Use of short monolithic columns for isolation of low abundance membrane proteins, *J. Chromatogr .A*, in print.
122. Clifton, J.G., Brown, M.K., Huang, F., Li, X., Reutter, W., Hofmann, W., Hixson, D.C., Josic, Dj., (2006), Identification of members of the annexin family in the detergent-insoluble fraction of rat Morris hepatoma plasma membranes, *J. Chromatogr. A*, in print.