

# Petr Å Ñ;lek

## List of Publications by Year in descending order

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18  
papers

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1163117

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1199594

12  
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all docs

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docs citations

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times ranked

284  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Capture of DNAs by magnetic hypercrosslinked poly(styrene-co-divinylbenzene) microspheres. Journal of Materials Science, 2021, 56, 5817-5829.   | 3.7 | 4         |
| 2  | Zwitterionic polyaspartamides based on L-lysine side-chain moieties: Synthesis, nonfouling properties and direct/indirect nanogel preparation. European Polymer Journal, 2021, 148, 110347.                       | 5.4 | 5         |
| 3  | Biocompatible polypeptide nanogel: Effect of surfactants on nanogelation in inverse miniemulsion, in vivo biodistribution and blood clearance evaluation. Materials Science and Engineering C, 2021, 126, 111865. | 7.3 | 5         |
| 4  | Poly[2-(dimethylamino)ethyl methacrylate-co-ethylene dimethacrylate]nanogel by dispersion polymerization for inhibition of pathogenic bacteria. RSC Advances, 2021, 11, 33461-33470.                              | 3.6 | 7         |
| 5  | Colloidally stable polypeptide-based nanogel: Study of enzyme-mediated nanogelation in inverse miniemulsion. Journal of Applied Polymer Science, 2020, 137, 48725.  | 2.6 | 10        |
| 6  | Iron oxide nanozyme as catalyst of nanogelation. Materials Letters, 2020, 269, 127610.  | 2.6 | 3         |
| 7  | Enhanced solid phase extraction of DNA using hydrophilic monodisperse poly(methacrylic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2.3 2   | 2.3 | 2         |
| 8  | Peroxidase-like activity of magnetic poly(glycidyl methacrylate-co-ethylene dimethacrylate) particles. Scientific Reports, 2019, 9, 1543.   | 3.3 | 5         |
| 9  | Novel Preparation of Monodisperse Poly(styrene-co-divinylbenzene) Microspheres by Controlled Dispersion Polymerization. Polymer Science - Series B, 2018, 60, 9-15.   | 0.8 | 4         |
| 10 | Poly(amino acid)-based nanogel by horseradish peroxidase catalyzed crosslinking in an inverse miniemulsion. Colloid and Polymer Science, 2018, 296, 995-1003.   | 2.1 | 9         |
| 11 | PEG-modified magnetic hypercrosslinked poly(styrene-co-divinylbenzene) microspheres to minimize sorption of serum proteins. Reactive and Functional Polymers, 2013, 73, 1122-1129.                                | 4.1 | 8         |
| 12 | Multi-wall carbon nanotubes with nitrogen-containing carbon coating. Chemical Papers, 2013, 67, .   | 2.2 | 12        |
| 13 | Activation of cellulose by 1,4-dioxane for dissolution in N,N-dimethylacetamide/LiCl. Cellulose, 2012, 19, 1893-1906.   | 4.9 | 17        |
| 14 | Immunomagnetic sulfonated hypercrosslinked polystyrene microspheres for electrochemical detection of proteins. Journal of Materials Chemistry, 2011, 21, 14783.   | 6.7 | 19        |
| 15 | Hypercrosslinked polystyrene microspheres by suspension and dispersion polymerization. E-Polymers, 2011, 11, .  | 3.0 | 5         |
| 16 | Monolithic columns based on a poly(styrene-divinylbenzene-methacrylic acid) copolymer for capillary liquid chromatography of small organic molecules. Journal of Chromatography A, 2011, 1218, 1544-1547.         | 3.7 | 37        |
| 17 | Separation of PCR-ready DNA from dairy products using magnetic hydrophilic microspheres and poly(ethylene glycol)-NaCl water solutions. Journal of Magnetism and Magnetic Materials, 2009, 321, 1667-1670.        | 2.3 | 11        |
| 18 | Stimuli-responsive polypeptide nanogels for trypsin inhibition. Beilstein Journal of Nanotechnology, 0, 13, 538-548.  | 2.8 | 1         |