

# IÅÄ±k PerÃ§in

## List of Publications by Year in descending order

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34  
papers

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516215

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docs citations

37  
times ranked

669  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Biomedical Applications of Polymeric Cryogels. Applied Sciences (Switzerland), 2019, 9, 553.  | 1.3 | 74        |
| 2  | Microcontact Imprinted Plasmonic Nanosensors: Powerful Tools in the Detection of Salmonella paratyphi. Sensors, 2017, 17, 1375.   | 2.1 | 65        |
| 3  | Poly(hydroxyethyl methacrylate) based affinity cryogel for plasmid DNA purification. International Journal of Biological Macromolecules, 2011, 48, 577-582.   | 3.6 | 57        |
| 4  | A novel multilayer hydrogel wound dressing for antibiotic release. Journal of Drug Delivery Science and Technology, 2020, 58, 101536.   | 1.4 | 47        |
| 5  | Poly(hydroxyethyl methacrylate) based magnetic nanoparticles for plasmid DNA purification from Escherichia coli lysate. Materials Science and Engineering C, 2012, 32, 1133-1140.   | 3.8 | 41        |
| 6  | Molecularly imprinted poly(N-isopropylacrylamide) thermosensitive based cryogel for immunoglobulin G purification. Process Biochemistry, 2019, 80, 181-189.   | 1.8 | 39        |
| 7  | Evaluation of hyaluronic acid nanoparticle embedded chitosan-gelatin hydrogels for antibiotic release. Drug Development Research, 2021, 82, 241-250.  | 1.4 | 33        |
| 8  | Strong cation-exchange chromatography of proteins on a sulfoalkylated monolithic cryogel. Journal of Chromatography A, 2015, 1386, 13-21.   | 1.8 | 28        |
| 9  | Dye affinity cryogels for plasmid DNA purification. Materials Science and Engineering C, 2015, 56, 318-324.   | 3.8 | 22        |
| 10 | Mannose-specific lectin isolation from <i>Canavalia ensiformis</i> seeds by PHEMA-based cryogel. Biotechnology Progress, 2012, 28, 756-761.   | 1.3 | 21        |
| 11 | Macroporous PHEMA-based cryogel discs for bilirubin removal. Artificial Cells, Nanomedicine and Biotechnology, 2013, 41, 172-177.   | 1.9 | 19        |
| 12 | Whole Cell Recognition of Staphylococcus aureus Using Biomimetic SPR Sensors. Biosensors, 2021, 11, 140.  | 2.3 | 19        |
| 13 | Concanavalin A immobilized magnetic poly(glycidyl methacrylate) beads for prostate specific antigen binding. Colloids and Surfaces B: Biointerfaces, 2015, 134, 461-468.  | 2.5 | 18        |
| 14 | Purification of urease from jack bean ( <i>Canavalia ensiformis</i> ) with copper (II) chelated poly(hydroxyethyl methacrylate- <i>N</i> -methacryloyl-L-histidine methyl ester) cryogels. Journal of Molecular Recognition, 2012, 25, 549-554. | 1.1 | 17        |
| 15 | Poly(vinyl alcohol)/(hyaluronic acid-g-kappa-carrageenan) hydrogel as antibiotic-releasing wound dressing. Chemical Papers, 2021, 75, 6591-6600.  | 1.0 | 17        |
| 16 | Comparison of Two Different Reactive Dye Immobilized Poly(Hydroxyethyl Methacrylate) Cryogel Discs for Purification of Lysozyme. Applied Biochemistry and Biotechnology, 2015, 175, 2795-2805.  | 1.4 | 16        |
| 17 | Composite cryogels for lysozyme purification. Biotechnology and Applied Biochemistry, 2015, 62, 200-207.  | 1.4 | 16        |
| 18 | RNA purification from Escherichia coli cells using boronated nanoparticles. Colloids and Surfaces B: Biointerfaces, 2018, 162, 146-153.   | 2.5 | 16        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Gelatin-Immobilised Poly(hydroxyethyl methacrylate) Cryogel for Affinity Purification of Fibronectin. Applied Biochemistry and Biotechnology, 2013, 171, 352-365.                               | 1.4 | 15        |
| 20 | Tentacle-type immobilized metal affinity cryogel for invertase purification from <i>Saccharomyces cerevisiae</i> . Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 1431-1439.       | 1.9 | 15        |
| 21 | Metal-immobilized magnetic nanoparticles for cytochrome C purification from rat liver. Biotechnology and Applied Biochemistry, 2016, 63, 31-40.   | 1.4 | 13        |
| 22 | Gelatin-loaded p(HEMA-GMA) cryogel for high-capacity immobilization of horseradish peroxidase. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 1708-1713.                           | 1.9 | 13        |
| 23 | Catalase purification from rat liver with iron-chelated poly(hydroxyethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (metha Biochemistry and Biotechnology, 2016, 46, 602-609.         | 1.0 | 13        |
| 24 | Characterization and antibacterial activity of gelatin-gellan gum bilayer wound dressing. International Journal of Polymeric Materials and Polymeric Biomaterials, 2022, 71, 1240-1251.         | 1.8 | 12        |
| 25 | Supermacroporous hydrophobic affinity sorbents for penicillin acylase purification. Journal of Macromolecular Science - Pure and Applied Chemistry, 2017, 54, 71-79.                            | 1.2 | 11        |
| 26 | <i>N</i> -acetyl-D-glucosamine-specific lectin isolation from soyflour with poly(HPMA-GMA) beads. Journal of Applied Polymer Science, 2009, 111, 148-154.                                       | 1.3 | 10        |
| 27 | Megaporous poly(hydroxy ethylmethacrylate) based poly(glycidylmethacrylate-N-methacryloyl-(l)-tryptophan) embedded composite cryogel. Colloids and Surfaces B: Biointerfaces, 2015, 130, 61-68. | 2.5 | 8         |
| 28 | Amino acid functionalized macroporous gelatin cryogels: Characterization and effects on cell proliferation. Process Biochemistry, 2021, 110, 100-109.   | 1.8 | 7         |
| 29 | 1353 Laccase bound to cryogel functionalized with phenylalanine for the decolorization of textile dyes. Turkish Journal of Chemistry, 2021, 45, 1353-1365.                                      | 0.5 | 6         |
| 30 | Evaluation of kappa carrageenan and gelatin based sponges for dental applications. Chemical Papers, 2022, 76, 4005-4015.  | 1.0 | 5         |
| 31 | Spongy membranes for peroxidase purification from Brassica oleracea roots. Process Biochemistry, 2021, 103, 98-106.   | 1.8 | 3         |
| 32 | Molecularly Imprinted Nanosensors for Microbial Contaminants. Nanotechnology in the Life Sciences, 2020, , 353-388.   | 0.4 | 3         |
| 33 | Molecular Imprinting-Based Sensing Platforms for Recognition of Microorganisms. , 2021, , 255-281.  |     | 0         |
| 34 | Preparation of Molecularly Imprinted Poly(N-Isopropylacrylamide) Thermosensitive Based Cryogels. Methods in Molecular Biology, 2022, 2466, 249-260.   | 0.4 | 0         |