

Petr Å Ñ;lek

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4799838/publications.pdf>

Version: 2024-02-01

18
papers

164
citations

1163117

8
h-index

1199594

12
g-index

19
all docs

19
docs citations

19
times ranked

284
citing authors

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