

# Ivo Safarik

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

167  
papers

3,780  
citations

29  
h-index

56  
g-index

172  
ext. papers

4,159  
ext. citations

4.3  
avg, IF

5.68  
L-index

#	Paper	IF	Citations
167	Magnetically responsive low-cost adsorbents for aniline removal. <i>Cleaner Engineering and Technology</i> , <b>2022</b> , 6, 100394	2.7	0
166	Innovative in situ remediation of mine waters using a layered double hydroxide-biochar composite. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 424, 127136	12.8	0
165	Magnetic Fluids in Biosciences, Biotechnology and Environmental Technology. <i>Springer Proceedings in Physics</i> , <b>2022</b> , 343-368	0.2	
164	Magnetic enzyme-mimetic minerals with peroxidase-like activity can contribute to measured soil peroxidase activity. <i>Soil Biology and Biochemistry</i> , <b>2022</b> , 168, 108639	7.5	0
163	Ultrasound transmission tomography-guided heating with nanoparticles. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2022</b> , 111345	4.6	
162	Valorization of Marine Waste: Use of Industrial By-Products and Beach Wrack Towards the Production of High Added-Value Products. <i>Frontiers in Marine Science</i> , <b>2021</b> , 8,	4.5	6
161	Multifunctional Electrospun Nanofibers Based on Biopolymer Blends and Magnetic Tubular Halloysite for Medical Applications. <i>Polymers</i> , <b>2021</b> , 13,	4.5	2
160	The Essentials of Marine Biotechnology. <i>Frontiers in Marine Science</i> , <b>2021</b> , 8,	4.5	16
159	Cotton Textile/Iron Oxide Nanozyme Composites with Peroxidase-like Activity: Preparation, Characterization, and Application. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 23627-23637	9.5	10
158	Scalable production of magnetic fluorescent cellulose microparticles. <i>Cellulose</i> , <b>2021</b> , 28, 7675-7685	5.5	2
157	Magnetic textile solid-phase extraction <b>2021</b> , 149-161		2
156	Rapid magnetic modification of diamagnetic particulate and high aspect ratio materials. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2021</b> , 518, 167430	2.8	0
155	Miniaturized analytical methods for determination of environmental contaminants of emerging concern - A review. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1158, 238108	6.6	20
154	Magnetically Modified Biological Materials for Dye Removal. <i>Environmental Chemistry for A Sustainable World</i> , <b>2021</b> , 223-257	0.8	
153	Commercially available color-catching sheets for magnetic textile solid phase extraction of water-soluble dyes. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2021</b> , 172, 108877	4.6	0
152	Heavy metal removal with magnetic coffee grain. <i>Turkish Journal of Chemistry</i> , <b>2021</b> , 45, 157-166	1	0
151	Discovering the potential of an nZVI-biochar composite as a material for the nanobioremediation of chlorinated solvents in groundwater: Degradation efficiency and effect on resident microorganisms. <i>Chemosphere</i> , <b>2021</b> , 281, 130915	8.4	3

150	A New Network for the Advancement of Marine Biotechnology in Europe and Beyond. <i>Frontiers in Marine Science</i> , <b>2020</b> , 7,	4.5	7
149	Biochars and their magnetic derivatives as enzyme-like catalysts mimicking peroxidases. <i>Biochar</i> , <b>2020</b> , 2, 121-134	10	5
148	Magnetic particles in algae biotechnology: recent updates. <i>Journal of Applied Phycology</i> , <b>2020</b> , 32, 1743-1753	3.75	5
147	Magnetic Textile Solid Phase Extraction of Cationic Dyes From Water Solutions. <i>Fibers and Polymers</i> , <b>2020</b> , 21, 2836-2841	2	3
146	Removal of Bisphenol A Using Magnetically Responsive Spruce Chip Biochar. <i>Chemical Engineering and Technology</i> , <b>2020</b> , 43, 168-171	2	8
145	Magnetically Functionalized Moss Biomass as Biosorbent for Efficient Co Ions and Thioflavin T Removal. <i>Materials</i> , <b>2020</b> , 13,	3.5	6
144	Magnetic bacterial cellulose nanofibers for nucleoside recognition. <i>Cellulose</i> , <b>2020</b> , 27, 9479-9492	5.5	7
143	Magnetically responsive textile for preconcentration of acid food dyes. <i>Materials Chemistry and Physics</i> , <b>2019</b> , 232, 205-208	4.4	8
142	Magnetically modified nanogold-biosilica composite as an effective catalyst for CO oxidation. <i>Arabian Journal of Chemistry</i> , <b>2019</b> , 12, 1148-1158	5.9	4
141	Peroxidase-like activity of magnetic poly(glycidyl methacrylate-co-ethylene dimethacrylate) particles. <i>Scientific Reports</i> , <b>2019</b> , 9, 1543	4.9	3
140	Textile bound methyltrioctylammonium thiosalicylate ionic liquid for magnetic textile solid phase extraction of copper ions. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 296, 111910	6	5
139	Smartphone-based image analysis for evaluation of magnetic textile solid phase extraction of colored compounds. <i>Heliyon</i> , <b>2019</b> , 5, e02995	3.6	7
138	Magnetically responsive materials for solid phase extraction. <i>Environmental Engineering</i> , <b>2019</b> , 6, 15-20	0.2	4
137	Semiquantitative determination of food acid dyes by magnetic textile solid phase extraction followed by image analysis. <i>Food Chemistry</i> , <b>2019</b> , 274, 215-219	8.5	16
136	Use of waste Japonochytrium sp. biomass after lipid extraction as an efficient adsorbent for triphenylmethane dye applied in aquaculture. <i>Biomass Conversion and Biorefinery</i> , <b>2019</b> , 9, 479-488	2.3	8
135	Magnetically modified macroalgae <i>Cymopolia barbata</i> biomass as an adsorbent for safranin O removal. <i>Materials Chemistry and Physics</i> , <b>2019</b> , 225, 174-180	4.4	20
134	Magnetically modified electrospun nanotextile exhibiting peroxidase-like activity. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2019</b> , 473, 335-340	2.8	9
133	Magnetically Modified Agricultural and Food Waste: Preparation and Application. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 2538-2552	5.7	27

132	Tuning the Mechanical Properties of BIEE-Crosslinked Semi-Interpenetrating, Double-Hydrophilic Hydrogels. <i>Macromolecular Materials and Engineering</i> , <b>2018</b> , 303, 1700643	3.9	1
131	Magnetically responsive textile for a new preconcentration procedure: Magnetic textile solid phase extraction. <i>Journal of Industrial Textiles</i> , <b>2018</b> , 48, 761-771	1.6	14
130	A simple extraction of blue fountain ink dye (Acid blue 93) from water solutions using Magnetic Textile Solid-Phase Extraction. <i>Separation Science Plus</i> , <b>2018</b> , 1, 48-51	1.1	9
129	Non-woven fabric supported manganese dioxide microparticles as a low-cost, easily recoverable catalyst for hydrogen peroxide decomposition. <i>Materials Chemistry and Physics</i> , <b>2018</b> , 203, 280-283	4.4	6
128	Magnetic halloysite reinforced biodegradable nanofibres: New challenge for medical applications <b>2018</b> ,		1
127	Fe(II) Formation after interaction of the amyloid $\beta$ peptide with iron-storage protein ferritin. <i>Journal of Biological Physics</i> , <b>2018</b> , 44, 237-243	1.6	8
126	Removal of silver nanoparticles with native and magnetically modified halloysite. <i>Applied Clay Science</i> , <b>2018</b> , 162, 10-14	5.2	16
125	Microbial Reduction of Natural Fe(III) Minerals; Toward the Sustainable Production of Functional Magnetic Nanoparticles. <i>Frontiers in Environmental Science</i> , <b>2018</b> , 6,	4.8	13
124	Lead ions sorption using magnetically modified sorbent based on titanium dioxide powder. <i>Materials Today: Proceedings</i> , <b>2018</b> , 5, S61-S70	1.4	
123	Fabrication and Bioapplications of Magnetically Modified Chitosan-based Electrospun Nanofibers. <i>Electrospinning</i> , <b>2018</b> , 2, 29-39		14
122	Microalgal Bioactive Compounds Including Protein, Peptides, and Pigments: Applications, Opportunities, and Challenges During Biorefinery Processes <b>2018</b> , 239-255		5
121	Microstructural Analysis and Magnetic Characterization of Native and Magnetically Modified Montmorillonite and Vermiculite. <i>Journal of Nanomaterials</i> , <b>2018</b> , 2018, 1-14	3.2	2
120	Magnetization of active inclusion bodies: comparison with centrifugation in repetitive biotransformations. <i>Microbial Cell Factories</i> , <b>2018</b> , 17, 139	6.4	14
119	The effect of soybean meal replacement with raw full-fat soybean in diets for broiler chickens. <i>Journal of Applied Animal Research</i> , <b>2017</b> , 45, 112-117	1.7	6
118	Leptothrix sp. sheaths modified with iron oxide particles: Magnetically responsive, high aspect ratio functional material. <i>Materials Science and Engineering C</i> , <b>2017</b> , 71, 1342-1346	8.3	11
117	Stabilization of aqueous dispersions of poly(methacrylic acid)-coated iron oxide nanoparticles by double hydrophilic block polyelectrolyte poly(ethylene oxide)- block -poly( N -methyl-2-vinylpyridinium iodide). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 514, 32-37	5.1	12
116	Magnetic Particles for Microalgae Separation and Biotechnology <b>2017</b> , 153-169		2
115	Microscale magnetic microparticle-based immunopurification of cytokinins from Arabidopsis root apex. <i>Plant Journal</i> , <b>2017</b> , 89, 1065-1075	6.9	7

114	PMAA-stabilized ferrofluid/chitosan/yeast composite for bioapplications. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2017</b> , 427, 29-33	2.8	7
113	The molecular mass of dextran used to modify magnetite nanoparticles affects insulin amyloid aggregation. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2017</b> , 427, 48-53	2.8	17
112	Magnetically modified sheaths of <i>Leptothrix</i> sp. as an adsorbent for Amido black 10B removal. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2017</b> , 427, 314-319	2.8	18
111	Magnetically modified bacterial cellulose: A promising carrier for immobilization of affinity ligands, enzymes, and cells. <i>Materials Science and Engineering C</i> , <b>2017</b> , 71, 214-221	8.3	21
110	Magnetically modified microalgae and their applications. <i>Critical Reviews in Biotechnology</i> , <b>2016</b> , 36, 931-944	4.1	24
109	Magnetically modified <i>Sargassum horneri</i> biomass as an adsorbent for organic dye removal. <i>Journal of Cleaner Production</i> , <b>2016</b> , 137, 189-194	10.3	62
108	Biodegradable polymer nanocomposites based on natural nanotubes: effect of magnetically modified halloysite on the behaviour of polycaprolactone. <i>Clay Minerals</i> , <b>2016</b> , 51, 435-444	1.3	4
107	Decrease of <i>Pseudomonas aeruginosa</i> biofilm formation by food waste materials. <i>Water Science and Technology</i> , <b>2016</b> , 73, 2143-9	2.2	2
106	Magnetic modification of diamagnetic agglomerate forming powder materials. <i>Particuology</i> , <b>2016</b> , 29, 169-171	2.8	11
105	Rapid determination of iron oxide content in magnetically modified particulate materials. <i>Particuology</i> , <b>2016</b> , 26, 114-117	2.8	1
104	Magnetically modified peanut husks as an effective sorbent of heavy metals. <i>Journal of Environmental Chemical Engineering</i> , <b>2016</b> , 4, 549-555	6.8	24
103	Magnetic modification of cells <b>2016</b> , 145-180		3
102	Lead and cadmium sorption mechanisms on magnetically modified biochars. <i>Bioresource Technology</i> , <b>2016</b> , 203, 318-24	11	189
101	Magnetically Responsive Biological Materials And Their Applications. <i>Advanced Materials Letters</i> , <b>2016</b> , 7, 254-261	2.4	8
100	Utilization of magnetically responsive cereal by-product for organic dye removal. <i>Journal of the Science of Food and Agriculture</i> , <b>2016</b> , 96, 2204-14	4.3	22
99	Magnetically modified biochar for organic xenobiotics removal. <i>Water Science and Technology</i> , <b>2016</b> , 74, 1706-1715	2.2	13
98	TiO <sub>2</sub> -Based Sorbent of Lead Ions <b>2016</b> , 12, 147-152		5
97	Development of advanced biorefinery concepts using magnetically responsive materials. <i>Biochemical Engineering Journal</i> , <b>2016</b> , 116, 17-26	4.2	11

96	Composite particles formed by complexation of poly(methacrylic acid) - stabilized magnetic fluid with chitosan: Magnetic material for bioapplications. <i>Materials Science and Engineering C</i> , <b>2016</b> , 67, 486-492	8.3	8
95	Aggregation of superparamagnetic iron oxide nanoparticles in dilute aqueous dispersions: Effect of coating by double-hydrophilic block polyelectrolyte. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2015</b> , 483, 1-7	5.1	11
94	Spent Rooibos ( <i>Aspalathus linearis</i> ) Tea Biomass as an Adsorbent for Organic Dye Removal. <i>Bioremediation Journal</i> , <b>2015</b> , 19, 183-187	2.3	3
93	Chitinase III in <i>Euphorbia characias</i> latex: Purification and characterization. <i>Protein Expression and Purification</i> , <b>2015</b> , 116, 152-8	2	17
92	Low-temperature magnetic modification of sensitive biological materials. <i>Materials Letters</i> , <b>2015</b> , 142, 184-188	3.3	12
91	Magnetically-modified natural biogenic iron oxides for organic xenobiotics removal. <i>International Journal of Environmental Science and Technology</i> , <b>2015</b> , 12, 673-682	3.3	7
90	Organic dyes removal using magnetically modified rye straw. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2015</b> , 380, 181-185	2.8	36
89	Microwave-synthesized magnetic chitosan microparticles for the immobilization of yeast cells. <i>Yeast</i> , <b>2015</b> , 32, 239-43	3.4	14
88	Magnetically Modified TiO <sub>2</sub> Powders [Microstructure and Magnetic Properties. <i>Physics Procedia</i> , <b>2015</b> , 75, 1450-1457		4
87	Magnetically responsive enzyme powders. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2015</b> , 380, 197-200	2.8	3
86	Magnetically responsive yeast cells: methods of preparation and applications. <i>Yeast</i> , <b>2015</b> , 32, 227-37	3.4	18
85	Biosorption of Uranium by Magnetically Modified Wheat Bran. <i>Separation Science and Technology</i> , <b>2014</b> , 49, 2534-2539	2.5	5
84	Mechanochemical synthesis of magnetically responsive materials from non-magnetic precursors. <i>Materials Letters</i> , <b>2014</b> , 126, 202-206	3.3	18
83	Applications of biosynthesized metallic nanoparticles - a review. <i>Acta Biomaterialia</i> , <b>2014</b> , 10, 4023-42	10.8	315
82	One-step magnetic modification of non-magnetic solid materials. <i>International Journal of Materials Research</i> , <b>2014</b> , 105, 104-107	0.5	46
81	Peroxidase-like activity of magnetoferritin. <i>Mikrochimica Acta</i> , <b>2014</b> , 181, 295-301	5.8	25
80	CHAPTER 10: Magnetic Decoration and Labeling of Prokaryotic and Eukaryotic Cells. <i>RSC Smart Materials</i> , <b>2014</b> , 185-215	0.6	5
79	Magnetically Responsive (Nano)Biocomposites. <i>Fundamental Biomedical Technologies</i> , <b>2014</b> , 17-34		1

78	Magnetic particlesBased biosensor for biogenic amines using an optical oxygen sensor as a transducer. <i>Mikrochimica Acta</i> , <b>2013</b> , 180, 311-318	5.8	42
77	Physicochemical approach to freshwater microalgae harvesting with magnetic particles. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2013</b> , 112, 213-8	6	64
76	One-step magnetic modification of yeast cells by microwave-synthesized iron oxide microparticles. <i>Letters in Applied Microbiology</i> , <b>2013</b> , 56, 456-61	2.9	16
75	Magnetically modified spent grain as a low-cost, biocompatible and smart carrier for enzyme immobilisation. <i>Journal of the Science of Food and Agriculture</i> , <b>2013</b> , 93, 1598-602	4.3	18
74	Microwave Assisted Synthesis of Magnetically Responsive Composite Materials. <i>IEEE Transactions on Magnetics</i> , <b>2013</b> , 49, 213-218	2	31
73	Low-cost, easy-to-prepare magnetic chitosan microparticles for enzymes immobilization. <i>Carbohydrate Polymers</i> , <b>2013</b> , 96, 545-8	10.3	49
72	Harvesting microalgae with microwave synthesized magnetic microparticles. <i>Bioresource Technology</i> , <b>2013</b> , 130, 472-7	11	112
71	Magnetically modified spent coffee grounds for dyes removal. <i>European Food Research and Technology</i> , <b>2012</b> , 234, 345-350	3.4	102
70	One-step preparation of magnetically responsive materials from non-magnetic powders. <i>Powder Technology</i> , <b>2012</b> , 229, 285-289	5.2	24
69	Potential of magnetically responsive (nano)biocomposites. <i>Soft Matter</i> , <b>2012</b> , 8, 5407	3.6	51
68	Magnetic techniques for the detection and determination of xenobiotics and cells in water. <i>Analytical and Bioanalytical Chemistry</i> , <b>2012</b> , 404, 1257-73	4.4	27
67	Magnetic Nanoparticles for In Vitro Biological and Medical Applications <b>2012</b> , 215-242		7
66	Magnetically Responsive Biocomposites for Inorganic and Organic Xenobiotics Removal <b>2011</b> , 301-320		9
65	Magnetically modified spent grain for dye removal. <i>Journal of Cereal Science</i> , <b>2011</b> , 53, 78-80	3.8	40
64	Magnetic Nanoparticles for Biomedicine. <i>Fundamental Biomedical Technologies</i> , <b>2011</b> , 363-372		8
63	Copper Biosorption on Magnetically Modified Yeast Cells Under Magnetic Field. <i>Separation Science and Technology</i> , <b>2011</b> , 46, 1045-1051	2.5	20
62	Magnetic studies of ferrofluid-modified microbial cells. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 2531-6	1.3	12
61	Large Scale Magnetic Separation of Solanum tuberosum Tuber Lectin from Potato Starch Waste Water <b>2010</b> ,		6

60	Biosorption of Strontium Ions by Magnetically Modified Yeast Cells. <i>Separation Science and Technology</i> , <b>2010</b> , 45, 1499-1504	2.5	38
59	Magnetic fluid modified peanut husks as an adsorbent for organic dyes removal. <i>Physics Procedia</i> , <b>2010</b> , 9, 274-278		62
58	Invert sugar formation with <i>Saccharomyces cerevisiae</i> cells encapsulated in magnetically responsive alginate microparticles. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2009</b> , 321, 1478-1481	2.8	16
57	Superparamagnetic maghemite nanoparticles from solid-state synthesis - their functionalization towards peroral MRI contrast agent and magnetic carrier for trypsin immobilization. <i>Biomaterials</i> , <b>2009</b> , 30, 2855-63	15.6	133
56	Extraction of Alkylphenols and Nonylphenol Mono- and Diethoxylates from Water Using Magnetically Modified Adsorbents. <i>Chromatographia</i> , <b>2009</b> , 69, 133-137	2.1	11
55	Magnetic nano- and microparticles in biotechnology. <i>Chemical Papers</i> , <b>2009</b> , 63,	1.9	78
54	Ferrofluid modified <i>Saccharomyces cerevisiae</i> cells for biocatalysis. <i>Food Research International</i> , <b>2009</b> , 42, 521-524	7	33
53	Magnetically Responsive Nanocomposite Materials for Bioapplications. <i>Solid State Phenomena</i> , <b>2009</b> , 151, 88-94	0.4	14
52	Hydrogen peroxide removal with magnetically responsive <i>Saccharomyces cerevisiae</i> cells. <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 7925-8	5.7	18
51	Magnetic ovalbumin and egg white aggregates as affinity adsorbents for lectins separation. <i>Biochemical Engineering Journal</i> , <b>2008</b> , 40, 542-545	4.2	17
50	Magnetically modified microbial cells: A new type of magnetic adsorbents. <i>Particuology: Science and Technology of Particles</i> , <b>2007</b> , 5, 19-25		40
49	New magnetically responsive yeast-based biosorbent for the efficient removal of water-soluble dyes. <i>Enzyme and Microbial Technology</i> , <b>2007</b> , 40, 1551-1556	3.8	116
48	Preconcentration of middle oxyethylated nonylphenols from water samples on magnetic solid phase. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 311, 405-408	2.8	24
47	Adsorption of water-soluble organic dyes on ferrofluid-modified sawdust. <i>Holzforchung</i> , <b>2007</b> , 61, 247-253		38
46	Magnetic Particles for Egg Research <b>2007</b> , 275-285		1
45	Biosorption of mercury on magnetically modified yeast cells. <i>Separation and Purification Technology</i> , <b>2006</b> , 52, 253-260	8.3	136
44	Ferrofluid-modified plant-based materials as adsorbents for batch separation of selected biologically active compounds and xenobiotics. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2005</b> , 293, 371-376	2.8	26
43	Magnetic solid phase extraction of non-ionic surfactants from water. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2005</b> , 293, 377-381	2.8	31



42	Magnetic techniques for the isolation and purification of proteins and peptides. <i>Biomagnetic Research and Technology</i> , <b>2004</b> , 2, 7		369
41	Magnetic Nanoparticles and Biosciences. <i>Monatshefte Für Chemie</i> , <b>2002</b> , 133, 737-759	1.4	195
40	Separation of magnetic affinity biopolymer adsorbents in a Davis tube magnetic separator. <i>Biotechnology Letters</i> , <b>2001</b> , 23, 851-855	3	10
39	Large-scale separation of magnetic bioaffinity adsorbents. <i>Biotechnology Letters</i> , <b>2001</b> , 23, 1953-1956	3	19
38	Isolation and removal of proteolytic enzymes with magnetic cross-linked erythrocytes. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2001</b> , 225, 169-174	2.8	11
37	One-step partial purification of Solanum tuberosum tuber lectin using magnetic chitosan particles. <i>Biotechnology Letters</i> , <b>2000</b> , 22, 941-945	3	16
36	Determination of proteolytic activity with magnetic dye-stained gelatine. <i>Biotechnology Letters</i> , <b>1999</b> , 13, 621-623		2
35	Copper Phthalocyanine Dye Immobilized on Magnetite Particles: An Efficient Adsorbent for Rapid Removal of Polycyclic Aromatic Compounds from Water Solutions and Suspensions. <i>Separation Science and Technology</i> , <b>1997</b> , 32, 2385-2392	2.5	9
34	Adsorption of Water-Soluble Organic Dyes on Magnetic Charcoal. <i>Journal of Chemical Technology and Biotechnology</i> , <b>1997</b> , 69, 1-4	3.5	67
33	Overview of Magnetic Separations Used in Biochemical and Biotechnological Applications <b>1997</b> , 323-340		17
32	Development of magnetic biosorbents for metal uptake. <i>Biotechnology Letters</i> , <b>1997</b> , 11, 483-487		24
31	Rapid removal of magnetic particles from large volumes of suspensions. <i>Biotechnology Letters</i> , <b>1996</b> , 10, 391-394		3
30	Construction of a simple flat magnetic separator. <i>Biotechnology Letters</i> , <b>1995</b> , 9, 137-138		3
29	Study of Sorption of Triphenylmethane Dyes on a Magnetic Carrier Bearing an Immobilized Copper Phthalocyanine Dye. <i>Collection of Czechoslovak Chemical Communications</i> , <b>1995</b> , 60, 34-42		17
28	Removal of organic polycyclic compounds from water solutions with a magnetic chitosan based sorbent bearing copper phthalocyanine dye. <i>Water Research</i> , <b>1995</b> , 29, 101-105	12.5	53
27	Sorption of Water Soluble Organic Dyes on Magnetic Poly(oxy-2,6-dimethyl-1,4-phenylene). <i>Collection of Czechoslovak Chemical Communications</i> , <b>1995</b> , 60, 1448-1456		36
26	A modified procedure for the detection of microbial producers of extracellular proteolytic enzymes. <i>Biotechnology Letters</i> , <b>1994</b> , 8, 627-628		4
25	Spectrophotometric determination of effective proteolytic activity in biodetergents. <i>Journal of Proteomics</i> , <b>1994</b> , 28, 131-6		2

24	Batch isolation of hen egg white lysozyme with magnetic chitin. <i>Journal of Proteomics</i> , <b>1993</b> , 27, 327-30		32
23	Determination of alpha-amylase activity in dextran, ficoll and polyethylene glycol solutions. <i>Biotechnology Letters</i> , <b>1992</b> , 6, 177-180		
22	The use of FPLC for microdetermination of enzyme activity. <i>Biotechnology Letters</i> , <b>1991</b> , 5, 485-488		
21	Spectrophotometric determination of amylase activity in coloured solutions. <i>Journal of Proteomics</i> , <b>1991</b> , 22, 61-7		5
20	Black substrate for spectrophotometric determination of cellulase activity in coloured solutions. <i>Journal of Proteomics</i> , <b>1991</b> , 23, 301-6		2
19	A spectrophotometric assay for lipase activity utilizing immobilized triacylglycerols. <i>Journal of Proteomics</i> , <b>1991</b> , 23, 249-53		9
18	Dye-stained gelatin microcarriers as insoluble chromolytic substrates for the determination of proteolytic activity. <i>Clinica Chimica Acta</i> , <b>1990</b> , 187, 149-53	6.2	2
17	Rapid detection of proteolytic enzymes and their inhibitors. <i>Biotechnology Letters</i> , <b>1989</b> , 3, 245-246		
16	Detection of proteinase inhibitors in fractions after liquid chromatography. <i>Analytical Biochemistry</i> , <b>1989</b> , 179, 349-51	3.1	2
15	A low-cost insoluble chromolytic substrate for the determination of proteolytic activity. <i>Biochemical Education</i> , <b>1989</b> , 17, 154-155		3
14	Detection of proteolytic enzymes in fractions after liquid chromatography. <i>Journal of Chromatography A</i> , <b>1989</b> , 463, 212-5	4.5	1
13	Rapid detection of amylases in liquid chromatography fractions. <i>Journal of Biotechnology</i> , <b>1989</b> , 9, 153-156		2
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8	A simple method for determination of proteolytic activity. <i>Biotechnology Letters</i> , <b>1987</b> , 1, 135-136		6
7	Affinity chromatography of trypsin on casein precipitated with trichloroacetic acid. <i>Journal of Chromatography A</i> , <b>1984</b> , 284, 515-517	4.5	1

6	Isolation of trypsin by column chromatography on tea particles. <i>Journal of Chromatography A</i> , <b>1984</b> , 315, 478-80	4.5	2
5	Rapid isolation of microbial proteases. <i>Journal of Chromatography A</i> , <b>1984</b> , 298, 531-533	4.5	4
4	Purification of chymotrypsin and trypsin by column chromatography on agar gel particles. <i>Journal of Chromatography A</i> , <b>1984</b> , 303, 283-4	4.5	1
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