

# Ivo Safarik

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/3884071/ivo-safarik-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Magnetic techniques for the isolation and purification of proteins and peptides. <i>Biomagnetic Research and Technology</i> , <b>2004</b> , 2, 7		369
166	Applications of biosynthesized metallic nanoparticles - a review. <i>Acta Biomaterialia</i> , <b>2014</b> , 10, 4023-42	10.8	315
165	Magnetic Nanoparticles and Biosciences. <i>Monatshefte Für Chemie</i> , <b>2002</b> , 133, 737-759	1.4	195
164	Lead and cadmium sorption mechanisms on magnetically modified biochars. <i>Bioresource Technology</i> , <b>2016</b> , 203, 318-24	11	189
163	Biosorption of mercury on magnetically modified yeast cells. <i>Separation and Purification Technology</i> , <b>2006</b> , 52, 253-260	8.3	136
162	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
161	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
160	Harvesting microalgae with microwave synthesized magnetic microparticles. <i>Bioresource Technology</i> , <b>2013</b> , 130, 472-7	11	112
159	Magnetically modified spent coffee grounds for dyes removal. <i>European Food Research and Technology</i> , <b>2012</b> , 234, 345-350	3.4	102
158	Magnetic nano- and microparticles in biotechnology. <i>Chemical Papers</i> , <b>2009</b> , 63,	1.9	78
157	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
156	Physicochemical approach to freshwater microalgae harvesting with magnetic particles. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2013</b> , 112, 213-8	6	64
155	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
154	Magnetic fluid modified peanut husks as an adsorbent for organic dyes removal. <i>Physics Procedia</i> , <b>2010</b> , 9, 274-278		62
153	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
152	Potential of magnetically responsive (nano)biocomposites. <i>Soft Matter</i> , <b>2012</b> , 8, 5407	3.6	51
151	Low-cost, easy-to-prepare magnetic chitosan microparticles for enzymes immobilization. <i>Carbohydrate Polymers</i> , <b>2013</b> , 96, 545-8	10.3	49

150	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
149	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
148	Magnetically modified spent grain for dye removal. <i>Journal of Cereal Science</i> , <b>2011</b> , 53, 78-80	3.8	40
147	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
146	Biosorption of Strontium Ions by Magnetically Modified Yeast Cells. <i>Separation Science and Technology</i> , <b>2010</b> , 45, 1499-1504	2.5	38
145	Adsorption of water-soluble organic dyes on ferrofluid-modified sawdust. <i>Holzforschung</i> , <b>2007</b> , 61, 247-253		38
144	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
143	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
142	Ferrofluid modified <i>Saccharomyces cerevisiae</i> cells for biocatalysis. <i>Food Research International</i> , <b>2009</b> , 42, 521-524	7	33
141	Batch isolation of hen egg white lysozyme with magnetic chitin. <i>Journal of Proteomics</i> , <b>1993</b> , 27, 327-30		32
140	Microwave Assisted Synthesis of Magnetically Responsive Composite Materials. <i>IEEE Transactions on Magnetics</i> , <b>2013</b> , 49, 213-218	2	31
139	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
138	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
137	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
136	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
135	Peroxidase-like activity of magnetoferritin. <i>Mikrochimica Acta</i> , <b>2014</b> , 181, 295-301	5.8	25
134	Magnetically modified microalgae and their applications. <i>Critical Reviews in Biotechnology</i> , <b>2016</b> , 36, 931-941	4.1	24
133	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

132	One-step preparation of magnetically responsive materials from non-magnetic powders. <i>Powder Technology</i> , <b>2012</b> , 229, 285-289	5.2	24
131	Development of magnetic biosorbents for metal uptake. <i>Biotechnology Letters</i> , <b>1997</b> , 11, 483-487		24
130	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
129	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
128	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
127	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
126	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
125	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
124	Large-scale separation of magnetic bioaffinity adsorbents. <i>Biotechnology Letters</i> , <b>2001</b> , 23, 1953-1956	3	19
123	Mechanochemical synthesis of magnetically responsive materials from non-magnetic precursors. <i>Materials Letters</i> , <b>2014</b> , 126, 202-206	3.3	18
122	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
121	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
120	Magnetically responsive yeast cells: methods of preparation and applications. <i>Yeast</i> , <b>2015</b> , 32, 227-37	3.4	18
119	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
118	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
117	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
116	Overview of Magnetic Separations Used in Biochemical and Biotechnological Applications <b>1997</b> , 323-340		17
115	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

114	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
113	Removal of silver nanoparticles with native and magnetically modified halloysite. <i>Applied Clay Science</i> , <b>2018</b> , 162, 10-14	5.2	16
112	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
111	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
110	One-step partial purification of <i>Solanum tuberosum</i> tuber lectin using magnetic chitosan particles. <i>Biotechnology Letters</i> , <b>2000</b> , 22, 941-945	3	16
109	The Essentials of Marine Biotechnology. <i>Frontiers in Marine Science</i> , <b>2021</b> , 8,	4.5	16
108	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
107	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
106	Microwave-synthesized magnetic chitosan microparticles for the immobilization of yeast cells. <i>Yeast</i> , <b>2015</b> , 32, 239-43	3.4	14
105	Magnetically Responsive Nanocomposite Materials for Bioapplications. <i>Solid State Phenomena</i> , <b>2009</b> , 151, 88-94	0.4	14
104	Fabrication and Bioapplications of Magnetically Modified Chitosan-based Electrospun Nanofibers. <i>Electrospinning</i> , <b>2018</b> , 2, 29-39		14
103	Magnetization of active inclusion bodies: comparison with centrifugation in repetitive biotransformations. <i>Microbial Cell Factories</i> , <b>2018</b> , 17, 139	6.4	14
102	Magnetically modified biochar for organic xenobiotics removal. <i>Water Science and Technology</i> , <b>2016</b> , 74, 1706-1715	2.2	13
101	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
100	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
99	Low-temperature magnetic modification of sensitive biological materials. <i>Materials Letters</i> , <b>2015</b> , 142, 184-188	3.3	12
98	Magnetic studies of ferrofluid-modified microbial cells. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 2531-6	1.3	12
97	<i>Leptothrix</i> 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

96	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
95	Magnetic modification of diamagnetic agglomerate forming powder materials. <i>Particuology</i> , <b>2016</b> , 29, 169-171	2.8	11
94	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
93	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
92	Development of advanced biorefinery concepts using magnetically responsive materials. <i>Biochemical Engineering Journal</i> , <b>2016</b> , 116, 17-26	4.2	11
91	Separation of magnetic affinity biopolymer adsorbents in a Davis tube magnetic separator. <i>Biotechnology Letters</i> , <b>2001</b> , 23, 851-855	3	10
90	Affinity chromatography of trypsin on thermally modified casein. <i>Journal of Chromatography A</i> , <b>1983</b> , 261, 138-41	4.5	10
89	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
88	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
87	Magnetically Responsive Biocomposites for Inorganic and Organic Xenobiotics Removal <b>2011</b> , 301-320		9
86	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
85	A spectrophotometric assay for lipase activity utilizing immobilized triacylglycerols. <i>Journal of Proteomics</i> , <b>1991</b> , 23, 249-53		9
84	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
83	Magnetically responsive textile for preconcentration of acid food dyes. <i>Materials Chemistry and Physics</i> , <b>2019</b> , 232, 205-208	4.4	8
82	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
81	Magnetic Nanoparticles for Biomedicine. <i>Fundamental Biomedical Technologies</i> , <b>2011</b> , 363-372		8
80	Magnetically Responsive Biological Materials And Their Applications. <i>Advanced Materials Letters</i> , <b>2016</b> , 7, 254-261	2.4	8
79	Removal of Bisphenol A Using Magnetically Responsive Spruce Chip Biochar. <i>Chemical Engineering and Technology</i> , <b>2020</b> , 43, 168-171	2	8

78	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
77	Use of waste <i>Japonochytrium</i> 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
76	Microscale magnetic microparticle-based immunopurification of cytokinins from <i>Arabidopsis</i> root apex. <i>Plant Journal</i> , <b>2017</b> , 89, 1065-1075	6.9	7
75	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
74	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
73	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
72	A modified procedure for the preparation of insoluble chromogenic substrates for the determination of proteolytic activity. <i>Journal of Proteomics</i> , <b>1987</b> , 14, 355-7		7
71	Magnetic Nanoparticles for In Vitro Biological and Medical Applications <b>2012</b> , 215-242		7
70	Magnetic bacterial cellulose nanofibers for nucleoside recognition. <i>Cellulose</i> , <b>2020</b> , 27, 9479-9492	5.5	7
69	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
68	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
67	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
66	Large Scale Magnetic Separation of <i>Solanum tuberosum</i> Tuber Lectin from Potato Starch Waste Water <b>2010</b> ,		6
65	A simple method for determination of proteolytic activity. <i>Biotechnology Letters</i> , <b>1987</b> , 1, 135-136		6
64	Chromatography of trypsin on a sawdust column. <i>Journal of Chromatography A</i> , <b>1984</b> , 294, 504-506	4.5	6
63	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
62	Magnetically Functionalized Moss Biomass as Biosorbent for Efficient Co Ions and Thioflavin T Removal. <i>Materials</i> , <b>2020</b> , 13,	3.5	6
61	Biochars and their magnetic derivatives as enzyme-like catalysts mimicking peroxidases. <i>Biochar</i> , <b>2020</b> , 2, 121-134	10	5

60	Magnetic particles in algae biotechnology: recent updates. <i>Journal of Applied Phycology</i> , <b>2020</b> , 32, 1743-1753	3	5
59	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
58	Biosorption of Uranium by Magnetically Modified Wheat Bran. <i>Separation Science and Technology</i> , <b>2014</b> , 49, 2534-2539	2.5	5
57	Spectrophotometric determination of amylase activity in coloured solutions. <i>Journal of Proteomics</i> , <b>1991</b> , 22, 61-7		5
56	CHAPTER 10:Magnetic Decoration and Labeling of Prokaryotic and Eukaryotic Cells. <i>RSC Smart Materials</i> , <b>2014</b> , 185-215	0.6	5
55	TiO <sub>2</sub> -Based Sorbent of Lead Ions <b>2016</b> , 12, 147-152		5
54	Microalgal Bioactive Compounds Including Protein, Peptides, and Pigments: Applications, Opportunities, and Challenges During Biorefinery Processes <b>2018</b> , 239-255		5
53	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
52	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
51	Magnetically Modified TiO <sub>2</sub> Powders [Microstructure and Magnetic Properties. <i>Physics Procedia</i> , <b>2015</b> , 75, 1450-1457		4
50	A modified procedure for the detection of microbial producers of extracellular proteolytic enzymes. <i>Biotechnology Letters</i> , <b>1994</b> , 8, 627-628		4
49	An inexpensive insoluble chromogenic substrate for the determination of proteolytic activity. <i>Journal of Industrial Microbiology</i> , <b>1988</b> , 3, 259-261		4
48	Rapid isolation of microbial proteases. <i>Journal of Chromatography A</i> , <b>1984</b> , 298, 531-533	4.5	4
47	Magnetically responsive materials for solid phase extraction. <i>Environmental Engineering</i> , <b>2019</b> , 6, 15-20	0.2	4
46	Peroxidase-like activity of magnetic poly(glycidyl methacrylate-co-ethylene dimethacrylate) particles. <i>Scientific Reports</i> , <b>2019</b> , 9, 1543	4.9	3
45	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
44	Magnetic modification of cells <b>2016</b> , 145-180		3
43	Magnetically responsive enzyme powders. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2015</b> , 380, 197-200	2.0	3



42	Construction of a simple flat magnetic separator. <i>Biotechnology Letters</i> , <b>1995</b> , 9, 137-138		3
41	Rapid removal of magnetic particles from large volumes of suspensions. <i>Biotechnology Letters</i> , <b>1996</b> , 10, 391-394		3
40	A low-cost insoluble chromolytic substrate for the determination of proteolytic activity. <i>Biochemical Education</i> , <b>1989</b> , 17, 154-155		3
39	An insoluble chromolytic substrate for the determination of proteolytic activity. <i>Journal of Proteomics</i> , <b>1988</b> , 17, 193-7		3
38	Magnetic Textile Solid Phase Extraction of Cationic Dyes from Water Solutions. <i>Fibers and Polymers</i> , <b>2020</b> , 21, 2836-2841	2	3
37	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
36	Magnetic Particles for Microalgae Separation and Biotechnology <b>2017</b> , 153-169		2
35	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
34	Determination of proteolytic activity with magnetic dye-stained gelatine. <i>Biotechnology Letters</i> , <b>1999</b> , 13, 621-623		2
33	Spectrophotometric determination of effective proteolytic activity in biodetergents. <i>Journal of Proteomics</i> , <b>1994</b> , 28, 131-6		2
32	Detection of proteinase inhibitors in fractions after liquid chromatography. <i>Analytical Biochemistry</i> , <b>1989</b> , 179, 349-51	3.1	2
31	Rapid detection of amylases in liquid chromatography fractions. <i>Journal of Biotechnology</i> , <b>1989</b> , 9, 153-156		2
30	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
29	Black substrate for spectrophotometric determination of cellulase activity in coloured solutions. <i>Journal of Proteomics</i> , <b>1991</b> , 23, 301-6		2
28	Isolation of trypsin by column chromatography on tea particles. <i>Journal of Chromatography A</i> , <b>1984</b> , 315, 478-80	4.5	2
27	Multifunctional Electrospun Nanofibers Based on Biopolymer Blends and Magnetic Tubular Halloysite for Medical Applications. <i>Polymers</i> , <b>2021</b> , 13,	4.5	2
26	Scalable production of magnetic fluorescent cellulose microparticles. <i>Cellulose</i> , <b>2021</b> , 28, 7675-7685	5.5	2
25	Magnetic textile solid-phase extraction <b>2021</b> , 149-161		2

24	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
23	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
22	Rapid determination of iron oxide content in magnetically modified particulate materials. <i>Particuology</i> , <b>2016</b> , 26, 114-117	2.8	1
21	Magnetic halloysite reinforced biodegradable nanofibres: New challenge for medical applications <b>2018</b> ,		1
20	Detection of proteolytic enzymes in fractions after liquid chromatography. <i>Journal of Chromatography A</i> , <b>1989</b> , 463, 212-5	4.5	1
19	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
18	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
17	Magnetic Particles for Egg Research <b>2007</b> , 275-285		1
16	Magnetically Responsive (Nano)Biocomposites. <i>Fundamental Biomedical Technologies</i> , <b>2014</b> , 17-34		1
15	Magnetically responsive low-cost adsorbents for aniline removal. <i>Cleaner Engineering and Technology</i> , <b>2022</b> , 6, 100394	2.7	0
14	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
13	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
12	Heavy metal removal with magnetic coffee grain. <i>Turkish Journal of Chemistry</i> , <b>2021</b> , 45, 157-166	1	0
11	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
10	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
9	The use of FPLC for microdetermination of enzyme activity. <i>Biotechnology Letters</i> , <b>1991</b> , 5, 485-488		
8	Determination of alpha-amylase activity in dextran, ficoll and polyethylene glycol solutions. <i>Biotechnology Letters</i> , <b>1992</b> , 6, 177-180		
7	Rapid detection of proteolytic enzymes and their inhibitors. <i>Biotechnology Letters</i> , <b>1989</b> , 3, 245-246		

- 6 A modified fibrin plate for rapid detection of proteinases and proteinase inhibitors in fractions after liquid chromatography. *Journal of Proteomics*, **1988**, 17, 277-83
- 5 Magnetically Modified Biological Materials for Dye Removal. *Environmental Chemistry for A Sustainable World*, **2021**, 223-257 0.8
- 4 Lead ions sorption using magnetically modified sorbent based on titanium dioxide powder. *Materials Today: Proceedings*, **2018**, 5, S61-S70 1.4
- 3 Magnetic Fluids in Biosciences, Biotechnology and Environmental Technology. *Springer Proceedings in Physics*, **2022**, 343-368 0.2
- 2 Textile bound copper silicate as a new peroxidase-like nanozyme for organic dye decolorization. *Chemical Engineering and Technology*, 2
- 1 Ultrasound transmission tomography-guided heating with nanoparticles. *Measurement: Journal of the International Measurement Confederation*, **2022**, 111345 4.6