

# Marcela Slovakova

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

522  
citations

933447

10  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

613  
citing authors

#	ARTICLE	IF	CITATIONS
1	Affiblot: a dot blot-based screening device for selection of reliable antibodies. <i>Analytical Methods</i> , 2021, 13, 3874-3884.	2.7	3
2	Contemporary Enzyme-Based Methods for Recombinant Proteins In Vitro Phosphorylation. <i>Catalysts</i> , 2021, 11, 1007.	3.5	6
3	Disruption of Cell Adhesion and Cytoskeletal Networks by Thiol-Functionalized Silica-Coated Iron Oxide Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9350.	4.1	11
4	Kinase-loaded magnetic beads for sequential <i>in vitro</i> phosphorylation of peptides and proteins. <i>Analyst</i> , 2018, 143, 466-474.	3.5	9
5	Covalent biofunctionalization of chitosan nanofibers with trypsin for high enzyme stability. <i>Reactive and Functional Polymers</i> , 2016, 104, 38-44.	4.1	36
6	Application of trypsin Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> core/shell nanoparticles for protein digestion. <i>Process Biochemistry</i> , 2015, 50, 2088-2098.	3.7	14
7	Utilization of the IC-calorimeter for study of enzymatic reaction. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 101, 715-719.	3.6	4
8	Bioaffinity magnetic reactor for peptide digestion followed by analysis using bottom-up shotgun proteomics strategy. <i>Journal of Separation Science</i> , 2008, 31, 507-515.	2.5	12
9	Epitope mapping of allergen ovalbumin using biofunctionalized magnetic beads packed in microfluidic channels. <i>Journal of Chromatography A</i> , 2008, 1206, 64-71.	3.7	35
10	Controlled proteolysis of normal and pathological prion protein in a microfluidic chip. <i>Lab on A Chip</i> , 2008, 8, 294.	6.0	47
11	Magnetic Proteinase K Reactor as a New Tool for Reproducible Limited Protein Digestion. <i>Bioconjugate Chemistry</i> , 2008, 19, 966-972.	3.6	8
12	Functionalized magnetic micro- and nanoparticles: Optimization and application to 1/4-chip tryptic digestion. <i>Electrophoresis</i> , 2006, 27, 1811-1824.	2.4	67
13	Systèmes microfluidiques de particules magnétiques auto-assemblées; Application à la séparation d'ADN et à la digestion de protéines.. <i>Houille Blanche</i> , 2006, 92, 51-54.	0.3	3
14	Magnetic enzyme reactors for isolation and study of heterogeneous glycoproteins. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 293, 349-357.	2.3	25
15	Use of self assembled magnetic beads for on-chip protein digestion. <i>Lab on A Chip</i> , 2005, 5, 935.	6.0	114
16	Enzymes immobilized on magnetic carriers: efficient and selective system for protein modification. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 770, 177-181.	2.3	67
17	Oriented immobilization of galactose oxidase to bead and magnetic bead cellulose and poly(HEMA-co-EDMA) and magnetic poly(HEMA-co-EDMA) microspheres. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 770, 25-34.	2.3	61
18	CLOSTRIDIAL COLLAGENASE IMMOBILIZED ON CHITOSAN NANOFIBERS FOR BURN HEALING. <i>Military Medical Science Letters (Vojenske Zdravotnicke Listy)</i> , 0, , .	0.5	0