

# Alois Jungbauer

## 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.

348  
papers

10,868  
citations

53  
h-index

88  
g-index

398  
ext. papers

12,007  
ext. citations

4.6  
avg, IF

6.59  
L-index

#	Paper	IF	Citations
348	Mode and dosage time in polyethylene glycol precipitation process influences protein precipitate size and filterability. <i>Process Biochemistry</i> , <b>2022</b> , 114, 77-85	4.8	1
347	Productivity for free: Residence time gradients during loading increase dynamic binding capacity and productivity. <i>Separation and Purification Technology</i> , <b>2022</b> , 281, 119985	8.3	1
346	Prediction of the performance of pre-packed purification columns through machine learning.. <i>Journal of Separation Science</i> , <b>2022</b> ,	3.4	1
345	Redissolution of recombinant antibodies precipitated by ZnCl <sub>2</sub> . <i>Process Biochemistry</i> , <b>2022</b> , 118, 145-153	4.8	0
344	Structured bottom section in inclined settlers for efficient continuous solid-liquid separation and washing of the solid fraction. <i>Separation and Purification Technology</i> , <b>2021</b> , 259, 118142	8.3	
343	A comprehensive antigen production and characterisation study for easy-to-implement, specific and quantitative SARS-CoV-2 serotests. <i>EBioMedicine</i> , <b>2021</b> , 67, 103348	8.8	17
342	Technology transfer of a monitoring system to predict product concentration and purity of biopharmaceuticals in real-time during chromatographic separation. <i>Biotechnology and Bioengineering</i> , <b>2021</b> , 118, 3941-3952	4.9	1
341	Separation of truncated basic fibroblast growth factor from the full-length protein by hydrophobic interaction chromatography. <i>Separation and Purification Technology</i> , <b>2021</b> , 254, 117564	8.3	2
340	Advanced purification platform using circularly permuted caspase-2 for affinity fusion-tag removal to produce native fibroblast growth factor 2. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2021</b> , 96, 1515-1522	3.5	3
339	Economic and ecological benefits of a leaky E. coli strain for downstream processing: a case study for staphylococcal protein A. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2021</b> , 96, 1667-1674	3.5	1
338	Metal-Insulator Transition of Ultrathin Sputtered Metals on Phenolic Resin Thin Films: Growth Morphology and Relations to Surface Free Energy and Reactivity. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	3
337	Media on-demand: Continuous reconstitution of a chemically defined media directly from solids. <i>Biotechnology and Bioengineering</i> , <b>2021</b> , 118, 3382-3394	4.9	1
336	Protein-protein interactions and reduced excluded volume increase dynamic binding capacity of dual salt systems in hydrophobic interaction chromatography. <i>Journal of Chromatography A</i> , <b>2021</b> , 1649, 462231	4.5	2
335	Comparison of Protein A affinity resins for twin-column continuous capture processes: Process performance and resin characteristics. <i>Journal of Chromatography A</i> , <b>2021</b> , 1654, 462454	4.5	1
334	PROFICS: A bacterial selection system for directed evolution of proteases. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 297, 101095	5.4	0
333	Change of charge variant composition of trastuzumab upon stressing at physiological conditions. <i>Journal of Chromatography A</i> , <b>2021</b> , 1655, 462506	4.5	4
332	Production of full-length SARS-CoV-2 nucleocapsid protein from Escherichia coli optimized by native hydrophobic interaction chromatography hyphenated to multi-angle light scattering detection. <i>Talanta</i> , <b>2021</b> , 235, 122691	6.2	0

331	Adsorption Equilibrium <b>2020</b> , 159-181		
330	Downstream Processing of Biotechnology Products <b>2020</b> , 1-62		
329	Laboratory and Process Columns and Equipment <b>2020</b> , 139-158		1
328	Introduction to Protein Chromatography <b>2020</b> , 63-91		0
327	Hydrophobic interaction chromatography as polishing step enables obtaining ultra-pure recombinant antibodies. <i>Journal of Biotechnology</i> , <b>2020</b> , 324S, 100020	3.7	1
326	Separation of influenza virus-like particles from baculovirus by polymer-grafted anion exchanger. <i>Journal of Separation Science</i> , <b>2020</b> , 43, 2270-2278	3.4	5
325	Continuous capture of recombinant antibodies by ZnCl precipitation without polyethylene glycol. <i>Engineering in Life Sciences</i> , <b>2020</b> , 20, 265-274	3.4	8
324	Scale up of a chromatographic capture step for a clarified bacterial homogenate - Influence of mass transport limitation and competitive adsorption of impurities. <i>Journal of Chromatography A</i> , <b>2020</b> , 1618, 460856	4.5	4
323	Truly continuous low pH viral inactivation for biopharmaceutical process integration. <i>Biotechnology and Bioengineering</i> , <b>2020</b> , 117, 1406-1417	4.9	17
322	Anything but Conventional Chromatography Approaches in Bioseparation. <i>Biotechnology Journal</i> , <b>2020</b> , 15, e1900274	5.6	19
321	Effects of Dispersion and Rate Processes on Column Performance <b>2020</b> , 265-310		
320	Chromatography Media <b>2020</b> , 93-137		
319	Gradient Elution Chromatography <b>2020</b> , 311-353		
318	Rate Processes <b>2020</b> , 183-225		
317	Fractal dimension of antibody-PEG precipitate: Light microscopy for the reconstruction of 3D precipitate structures. <i>Engineering in Life Sciences</i> , <b>2020</b> , 20, 67-78	3.4	3
316	A narrow residence time incubation reactor for continuous virus inactivation based on packed beds. <i>New Biotechnology</i> , <b>2020</b> , 55, 98-107	6.4	10
315	Semi-automation of process analytics reduces operator effect. <i>Bioprocess and Biosystems Engineering</i> , <b>2020</b> , 43, 753-764	3.7	5
314	Economics and ecology: Modelling of continuous primary recovery and capture scenarios for recombinant antibody production. <i>Journal of Biotechnology</i> , <b>2020</b> , 308, 87-95	3.7	17

313	Water related impact of energy: Cost and carbon footprint analysis of water for biopharmaceuticals from tap to waste. <i>Chemical Engineering Science: X</i> , <b>2020</b> , 8, 100083	1.1	0
312	In-situ gradient formation by direct solid addition of buffer components. <i>Journal of Chromatography A</i> , <b>2020</b> , 1634, 461663	4.5	2
311	Proteomics analysis of host cell proteins after immobilized metal affinity chromatography: Influence of ligand and metal ions. <i>Journal of Chromatography A</i> , <b>2020</b> , 1633, 461649	4.5	4
310	Production of Circularly Permuted Caspase-2 for Affinity Fusion-Tag Removal: Cloning, Expression in , Purification, and Characterization. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	9
309	Capture and purification of Human Immunodeficiency Virus-1 virus-like particles: Convective media vs porous beads. <i>Journal of Chromatography A</i> , <b>2020</b> , 1627, 461378	4.5	8
308	Mid-manufacturing storage: Antibody stability after chromatography and precipitation based capture steps. <i>Biotechnology Progress</i> , <b>2020</b> , 36, e2928	2.8	2
307	Modeling the Residence Time Distribution of Integrated Continuous Bioprocesses. <i>Biotechnology Journal</i> , <b>2020</b> , 15, e2000008	5.6	10
306	At-line multi-angle light scattering detector for faster process development in enveloped virus-like particle purification. <i>Journal of Separation Science</i> , <b>2019</b> , 42, 2640-2649	3.4	9
305	Continuous Solvent/Detergent Virus Inactivation Using a Packed-Bed Reactor. <i>Biotechnology Journal</i> , <b>2019</b> , 14, e1800646	5.6	13
304	Real-time monitoring and model-based prediction of purity and quantity during a chromatographic capture of fibroblast growth factor 2. <i>Biotechnology and Bioengineering</i> , <b>2019</b> , 116, 1999-2009	4.9	20
303	Dissecting peak broadening in chromatography columns under non-binding conditions. <i>Journal of Chromatography A</i> , <b>2019</b> , 1599, 55-65	4.5	7
302	Prediction of the Quantity and Purity of an Antibody Capture Process in Real Time. <i>Biotechnology Journal</i> , <b>2019</b> , 14, e1800521	5.6	15
301	Antibody Binding Heterogeneity of Protein A Resins. <i>Biotechnology Journal</i> , <b>2019</b> , 14, e1800632	5.6	5
300	Packing quality, protein binding capacity and separation efficiency of pre-packed columns ranging from 1 mL laboratory to 57 L industrial scale. <i>Journal of Chromatography A</i> , <b>2019</b> , 1591, 79-86	4.5	6
299	Calorimetry for studying the adsorption of proteins in hydrophobic interaction chromatography. <i>Preparative Biochemistry and Biotechnology</i> , <b>2019</b> , 49, 1-20	2.4	14
298	A two-step process for capture and purification of human basic fibroblast growth factor from E. coli homogenate: Yield versus endotoxin clearance. <i>Protein Expression and Purification</i> , <b>2019</b> , 153, 70-82	2	14
297	Polymer-grafted chromatography media for the purification of enveloped virus-like particles, exemplified with HIV-1 gag VLP. <i>Vaccine</i> , <b>2019</b> , 37, 7070-7080	4.1	11
296	Micro-Phase Separation within Epoxy Resin Yields Ultrathin Mesoporous Membranes with Increased Scalability by Conversion from Spin- to Dip-Coating Process. <i>Macromolecular Materials and Engineering</i> , <b>2019</b> , 304, 1900321	3.9	1

295	Osmolality is a predictor for model-based real time monitoring of concentration in protein chromatography. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2019</b> , 95, 1146	3.5	5
294	Separation of virus-like particles and extracellular vesicles by flow-through and heparin affinity chromatography. <i>Journal of Chromatography A</i> , <b>2019</b> , 1588, 77-84	4.5	39
293	Continuous integrated antibody precipitation with two-stage tangential flow microfiltration enables constant mass flow. <i>Biotechnology and Bioengineering</i> , <b>2019</b> , 116, 1053-1065	4.9	20
292	How Similar Is Biosimilar? A Comparison of Infliximab Therapeutics in Regard to Charge Variant Profile and Antigen Binding Affinity. <i>Biotechnology Journal</i> , <b>2019</b> , 14, e1800340	5.6	13
291	Continuous Virus Inactivation: How to Generate a Plug Flow. <i>Biotechnology Journal</i> , <b>2019</b> , 14, e1800278	5.6	7
290	The pearl necklace model in protein A chromatography: Molecular mechanisms at the resin interface. <i>Biotechnology and Bioengineering</i> , <b>2019</b> , 116, 76-86	4.9	12
289	Exosomes Enter Vaccine Development: Strategies Meeting Global Challenges of Emerging Infections. <i>Biotechnology Journal</i> , <b>2018</b> , 13, e1700749	5.6	10
288	Influence of cavitation and high shear stress on HSA aggregation behavior. <i>Engineering in Life Sciences</i> , <b>2018</b> , 18, 169-178	3.4	20
287	Conformational changes of antibodies upon adsorption onto hydrophobic interaction chromatography surfaces. <i>Journal of Chromatography A</i> , <b>2018</b> , 1552, 60-66	4.5	16
286	Impact of Cavitation, High Shear Stress and Air/Liquid Interfaces on Protein Aggregation. <i>Biotechnology Journal</i> , <b>2018</b> , 13, e1800062	5.6	47
285	Freely suspended perforated polymer nanomembranes for protein separations. <i>Scientific Reports</i> , <b>2018</b> , 8, 4410	4.9	14
284	Scalability of pre-packed preparative chromatography columns with different diameters and lengths taking into account extra column effects. <i>Journal of Chromatography A</i> , <b>2018</b> , 1537, 66-74	4.5	18
283	High-capacity protein A affinity chromatography for the fast quantification of antibodies: Two-wavelength detection expands linear range. <i>Journal of Separation Science</i> , <b>2018</b> , 41, 1791-1797	3.4	10
282	Temperature dependence of antibody adsorption in protein A affinity chromatography. <i>Journal of Chromatography A</i> , <b>2018</b> , 1551, 59-68	4.5	14
281	Microheterogeneity of Recombinant Antibodies: Analytics and Functional Impact. <i>Biotechnology Journal</i> , <b>2018</b> , 13, 1700476	5.6	43
280	Monolith affinity chromatography for the rapid quantification of a single-chain variable fragment immunotoxin. <i>Journal of Separation Science</i> , <b>2018</b> , 41, 3051-3059	3.4	4
279	Hydrophobic interaction chromatography of proteins: Studies of unfolding upon adsorption by isothermal titration calorimetry. <i>Journal of Separation Science</i> , <b>2018</b> , 41, 3069-3080	3.4	9
278	Continuous cell flocculation for recombinant antibody harvesting. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2018</b> , 93, 1881-1890	3.5	21

277	Anisotropic Assembly during Heat-Up: The Early Stage Hydrothermal Synthesis of TiO <sub>2</sub> from a Complexed Precursor. <i>ChemNanoMat</i> , <b>2018</b> , 4, 1121-1124	3.5	0
276	Antibody adsorption in protein-A affinity chromatography - in situ measurement of nanoscale structure by small-angle X-ray scattering. <i>Journal of Separation Science</i> , <b>2018</b> , 41, 4122-4132	3.4	11
275	Freestanding ultrathin films for separation of small molecules in an aqueous environment. <i>Journal of Biotechnology</i> , <b>2018</b> , 288, 48-54	3.7	2
274	Prediction tool for loading, isocratic elution, gradient elution and scaling up of ion exchange chromatography of proteins. <i>Journal of Chromatography A</i> , <b>2018</b> , 1566, 89-101	4.5	11
273	Quantification and characterization of virus-like particles by size-exclusion chromatography and nanoparticle tracking analysis. <i>Journal of Chromatography A</i> , <b>2017</b> , 1487, 89-99	4.5	32
272	Continuous desalting of refolded protein solution improves capturing in ion exchange chromatography: A seamless process. <i>Biotechnology Journal</i> , <b>2017</b> , 12, 1700082	5.6	10
271	Column-to-column packing variation of disposable pre-packed columns for protein chromatography. <i>Journal of Chromatography A</i> , <b>2017</b> , 1527, 70-79	4.5	11
270	Small cause, large effect: Structural characterization of cutinases from <i>Thermobifida cellulolytica</i> . <i>Biotechnology and Bioengineering</i> , <b>2017</b> , 114, 2481-2488	4.9	35
269	Integrated Continuous Manufacturing of Biopharmaceuticals <b>2017</b> , 247-281		2
268	Separation of HIV-1 gag virus-like particles from vesicular particles impurities by hydroxyl-functionalized monoliths. <i>Journal of Separation Science</i> , <b>2017</b> , 40, 979-990	3.4	16
267	Charge heterogeneity: Basic antibody charge variants with increased binding to Fc receptors. <i>MAbs</i> , <b>2016</b> , 8, 1548-1560	6.6	51
266	New flavonoids from the underground parts of <i>Eriosema laurentii</i> . <i>Phytochemistry Letters</i> , <b>2016</b> , 18, 144-149		0
265	Continuous polyethylene glycol precipitation of recombinant antibodies: Sequential precipitation and resolubilization. <i>Process Biochemistry</i> , <b>2016</b> , 51, 325-332	4.8	45
264	Pumpkin seed extract: Cell growth inhibition of hyperplastic and cancer cells, independent of steroid hormone receptors. <i>Fitoterapia</i> , <b>2016</b> , 110, 150-6	3.2	38
263	High production in <i>E. coli</i> of biologically active recombinant human fibroblast growth factor 20 and its neuroprotective effects. <i>Applied Microbiology and Biotechnology</i> , <b>2016</b> , 100, 3023-34	5.7	11
262	Globular Head-Displayed Conserved Influenza H1 Hemagglutinin Stalk Epitopes Confer Protection against Heterologous H1N1 Virus. <i>PLoS ONE</i> , <b>2016</b> , 11, e0153579	3.7	18
261	Real-time monitoring of protein precipitation in a tubular reactor for continuous bioprocessing. <i>Process Biochemistry</i> , <b>2016</b> , 51, 1610-1621	4.8	6
260	Microheterogeneity of therapeutic monoclonal antibodies is governed by changes in the surface charge of the protein. <i>Biotechnology Journal</i> , <b>2016</b> , 11, 1617-1627	5.6	30

259	Purification of HIV-1 gag virus-like particles and separation of other extracellular particles. <i>Journal of Chromatography A</i> , <b>2016</b> , 1455, 93-101	4.5	47
258	Trend analysis of performance parameters of pre-packed columns for protein chromatography over a time span of ten years. <i>Journal of Chromatography A</i> , <b>2016</b> , 1465, 63-70	4.5	8
257	Mixing at the microscale: Power input in shaken microtiter plates. <i>Biotechnology Journal</i> , <b>2016</b> , 11, 1539-1549	4.5	10
256	Protein adsorption onto nanoparticles induces conformational changes: Particle size dependency, kinetics, and mechanisms. <i>Engineering in Life Sciences</i> , <b>2016</b> , 16, 238-246	3.4	99
255	Buffer recycling in downstream processing of biologics. <i>Current Opinion in Chemical Engineering</i> , <b>2015</b> , 10, 1-7	5.4	8
254	Engineering batch and pulse refolding with transition of aggregation kinetics: An investigation using green fluorescent protein (GFP). <i>Chemical Engineering Science</i> , <b>2015</b> , 131, 91-100	4.4	5
253	Red clover isoflavone metabolite bioavailability is decreased after fructooligosaccharide supplementation. <i>Phytotherapy Research</i> , <b>2015</b> , 105, 93-101	3.2	10
252	Design and optimization of protein refolding with crossflow ultrafiltration. <i>Chemical Engineering Science</i> , <b>2015</b> , 130, 290-300	4.4	5
251	Enhanced cutinase-catalyzed hydrolysis of polyethylene terephthalate by covalent fusion to hydrophobins. <i>Applied and Environmental Microbiology</i> , <b>2015</b> , 81, 3586-92	4.8	109
250	Introduction. <i>Vaccine</i> , <b>2015</b> , 33, 5889	4.1	
249	Capture and intermediate purification of recombinant antibodies with combined precipitation methods. <i>Biochemical Engineering Journal</i> , <b>2015</b> , 93, 200-211	4.2	23
248	Continuous precipitation of IgG from CHO cell culture supernatant in a tubular reactor. <i>Biotechnology Journal</i> , <b>2015</b> , 10, 1196-205	5.6	45
247	A microscale method of protein extraction from bacteria: Interaction of Escherichia coli with cationic microparticles. <i>Journal of Biotechnology</i> , <b>2015</b> , 207, 21-9	3.7	5
246	The 3D pore structure and fluid dynamics simulation of macroporous monoliths: High permeability due to alternating channel width. <i>Journal of Chromatography A</i> , <b>2015</b> , 1425, 141-9	4.5	30
245	Design of industrial crystallization of interferon gamma: Phase diagrams and solubility curves. <i>Chemical Engineering Science</i> , <b>2015</b> , 126, 341-348	4.4	13
244	Continuous processing of recombinant proteins: integration of refolding and purification using simulated moving bed size-exclusion chromatography with buffer recycling. <i>Journal of Chromatography A</i> , <b>2014</b> , 1337, 48-56	4.5	42
243	Integrated continuous dissolution, refolding and tag removal of fusion proteins from inclusion bodies in a tubular reactor. <i>Journal of Biotechnology</i> , <b>2014</b> , 185, 39-50	3.7	10
242	Ethanol precipitation for purification of recombinant antibodies. <i>Journal of Biotechnology</i> , <b>2014</b> , 188, 17-28	3.7	39

241	Combined polyethylene glycol and CaCl <sub>2</sub> precipitation for the capture and purification of recombinant antibodies. <i>Process Biochemistry</i> , <b>2014</b> , 49, 2001-2009	4.8	32
240	Lupinalbin A as the most potent estrogen receptor $\beta$ and aryl hydrocarbon receptor agonist in <i>Eriosema laurentii</i> de Wild. (Leguminosae). <i>BMC Complementary and Alternative Medicine</i> , <b>2014</b> , 14, 294	4.7	9
239	Economics of recombinant antibody production processes at various scales: Industry-standard compared to continuous precipitation. <i>Biotechnology Journal</i> , <b>2014</b> , 9, 766-75	5.6	90
238	Surfaces energies of monoliths by inverse liquid chromatography and contact angles. <i>Langmuir</i> , <b>2014</b> , 30, 5435-40	4	8
237	Getting ready for PAT: Scale up and inline monitoring of protein refolding of Npro fusion proteins. <i>Process Biochemistry</i> , <b>2014</b> , 49, 1113-1121	4.8	23
236	Continuous protein refolding in a tubular reactor. <i>Chemical Engineering Science</i> , <b>2014</b> , 116, 763-772	4.4	16
235	Phytoestrogens and the metabolic syndrome. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2014</b> , 139, 277-89	5.1	86
234	Effect of nonpersistent pesticides on estrogen receptor, androgen receptor, and aryl hydrocarbon receptor. <i>Environmental Toxicology</i> , <b>2014</b> , 29, 1201-16	4.2	43
233	Separation of recombinant antibodies from DNA using divalent cations. <i>Engineering in Life Sciences</i> , <b>2014</b> , 14, 477-484	3.4	8
232	Preparative crystallization of a single chain antibody using an aqueous two-phase system. <i>Biotechnology and Bioengineering</i> , <b>2014</b> , 111, 2192-9	4.9	15
231	Prediction of inclusion body solubilization from shaken to stirred reactors. <i>Biotechnology and Bioengineering</i> , <b>2014</b> , 111, 84-94	4.9	12
230	Highly linear pH gradients for analyzing monoclonal antibody charge heterogeneity in the alkaline range: Validation of the method parameters. <i>Journal of Chromatography A</i> , <b>2014</b> , 1373, 124-30	4.5	25
229	Continuous separation of protein loaded nanoparticles by simulated moving bed chromatography. <i>Journal of Chromatography A</i> , <b>2014</b> , 1349, 44-9	4.5	17
228	Continuous downstream processing of biopharmaceuticals. <i>Trends in Biotechnology</i> , <b>2013</b> , 31, 479-92	15.1	220
227	Liquid formulations for long-term storage of monoclonal IgGs. <i>Applied Biochemistry and Biotechnology</i> , <b>2013</b> , 169, 1431-48	3.2	18
226	Purification of infective baculoviruses by monoliths. <i>Journal of Chromatography A</i> , <b>2013</b> , 1290, 36-45	4.5	30
225	Continuous processing of recombinant proteins: Integration of inclusion body solubilization and refolding using simulated moving bed size exclusion chromatography with buffer recycling. <i>Journal of Chromatography A</i> , <b>2013</b> , 1319, 107-17	4.5	21
224	Highly linear pH gradients for analyzing monoclonal antibody charge heterogeneity in the alkaline range. <i>Journal of Chromatography A</i> , <b>2013</b> , 1319, 65-71	4.5	36



223	Liquid formulations for stabilizing IgMs during physical stress and long-term storage. <i>Pharmaceutical Research</i> , <b>2013</b> , 30, 735-50	4.5	19
222	Mechanism and model for solubilization of inclusion bodies. <i>Chemical Engineering Science</i> , <b>2013</b> , 101, 631-641	4.4	10
221	Eriosema laurentii De Wild (Leguminosae) methanol extract has estrogenic properties and prevents menopausal symptoms in ovariectomized Wistar rats. <i>Journal of Ethnopharmacology</i> , <b>2013</b> , 150, 298-307 <sup>5</sup>		17
220	Autoprotease N(pro): analysis of self-cleaving fusion protein. <i>Journal of Chromatography A</i> , <b>2013</b> , 1304, 92-100	4.5	4
219	Pomegranate: a fruit that ameliorates metabolic syndrome. <i>Food and Function</i> , <b>2013</b> , 4, 19-39	6.1	90
218	Host cell protein analysis in therapeutic protein bioprocessing - methods and applications. <i>Biotechnology Journal</i> , <b>2013</b> , 8, 655-70	5.6	74
217	Validation of the modified hemagglutination inhibition assay (mHAI), a robust and sensitive serological test for analysis of influenza virus-specific immune response. <i>Journal of Clinical Virology</i> , <b>2013</b> , 56, 323-30	14.5	9
216	Endocrine disruptors fludioxonil and fenhexamid stimulate miR-21 expression in breast cancer cells. <i>Toxicological Sciences</i> , <b>2013</b> , 131, 71-83	4.4	38
215	Spore germination of <i>Trichoderma atroviride</i> is inhibited by its LysM protein TAL6. <i>FEBS Journal</i> , <b>2013</b> , 280, 1226-36	5.7	31
214	Branched polyethylene glycol for protein precipitation. <i>Biotechnology and Bioengineering</i> , <b>2012</b> , 109, 736-46	4.9	31
213	Nano-coating protects biofunctional materials. <i>Materials Today</i> , <b>2012</b> , 15, 394-404	21.8	11
212	Protein precipitation by polyethylene glycol: a generalized model based on hydrodynamic radius. <i>Journal of Biotechnology</i> , <b>2012</b> , 157, 315-9	3.7	60
211	Anti-inflammatory properties of culinary herbs and spices that ameliorate the effects of metabolic syndrome. <i>Maturitas</i> , <b>2012</b> , 71, 227-39	5	84
210	Selective removal of undifferentiated human embryonic stem cells using magnetic activated cell sorting followed by a cytotoxic antibody. <i>Tissue Engineering - Part A</i> , <b>2012</b> , 18, 899-909	3.9	53
209	Surface energies of hydrophobic interaction chromatography media by inverse liquid chromatography. <i>Journal of Chromatography A</i> , <b>2012</b> , 1220, 115-21	4.5	8
208	Mild Friedel-Crafts Acylation of Furan with Carboxylic Acids and the Heterogeneous Catalyst Couple ALPW12O40 / Mg(OH) <sub>2</sub> . <i>Current Organic Chemistry</i> , <b>2012</b> , 16, 2739-2744	1.7	3
207	Red wine: a source of potent ligands for peroxisome proliferator-activated receptor $\alpha$ . <i>Food and Function</i> , <b>2011</b> , 2, 28-38	6.1	24
206	Atomistic structure of monomolecular surface layer self-assemblies: toward functionalized nanostructures. <i>ACS Nano</i> , <b>2011</b> , 5, 2288-97	16.7	26

205	Estrogen-like effects of wine extracts on nitric oxide synthesis in human endothelial cells. <i>Maturitas</i> , <b>2011</b> , 70, 169-75	5	19
204	Red clover and soy isoflavones--an in vitro safety assessment. <i>Gynecological Endocrinology</i> , <b>2011</b> , 27, 1037-42	2.4	18
203	PPAR $\alpha$ activation by culinary herbs and spices. <i>Planta Medica</i> , <b>2011</b> , 77, 497-504	3.1	32
202	Monolith peptide affinity chromatography for quantification of immunoglobulin M. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 2374-80	4.5	17
201	Indolylfuran, a potent aryl hydrocarbon receptor agonist from sauerkraut, interacts with the oestrogen pathway. <i>Food Chemistry</i> , <b>2011</b> , 127, 1764-1772	8.5	4
200	Phytoestrogens and their Putative Effects on the Aryl Hydrocarbon Receptor. <i>Current Bioactive Compounds</i> , <b>2011</b> , 7, 136-155	0.9	3
199	<b>2010</b> ,		152
198	Potential health-modulating effects of isoflavones and metabolites via activation of PPAR and AhR. <i>Nutrients</i> , <b>2010</b> , 2, 241-79	6.7	47
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