

# Stephen E Harding

## 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.

329  
papers

8,663  
citations

51  
h-index

72  
g-index

346  
ext. papers

9,581  
ext. citations

5.3  
avg, IF

5.99  
L-index

#	Paper	IF	Citations
329	Inter-laboratory analysis of cereal beta-glucan extracts of nutritional importance: An evaluation of different methods for determining weight-average molecular weight and molecular weight distribution. <i>Food Hydrocolloids</i> , <b>2022</b> , 127, 107510	10.6	0
328	Instrumental characterization of xanthan gum and scleroglucan solutions: Comparison of rotational rheometry, capillary breakup extensional rheometry and soft-contact tribology. <i>Food Hydrocolloids</i> , <b>2022</b> , 130, 107681	10.6	0
327	Flavour compounds affect protein structure: The effect of methyl anthranilate on bovine serum albumin conformation.. <i>Food Chemistry</i> , <b>2022</b> , 388, 133013	8.5	2
326	Glycoconjugate vaccines against serovars and species: existing and emerging methods for their analysis. <i>Biophysical Reviews</i> , <b>2021</b> , 13, 1-26	3.7	4
325	Quantifying the concentration dependence of sedimentation coefficients for globular macromolecules: a continuing age-old problem. <i>Biophysical Reviews</i> , <b>2021</b> , 13, 273-288	3.7	1
324	Terpene polyacrylate TPA5 shows favorable molecular hydrodynamic properties as a potential bioinspired archaeological wood consolidant. <i>Scientific Reports</i> , <b>2021</b> , 11, 7343	4.9	3
323	Evaluation of Soda Lignin from Wheat Straw/Sarkanda Grass as a Potential Future Consolidant for Archaeological Wood. <i>Forests</i> , <b>2021</b> , 12, 911	2.8	1
322	Subdividing Y-chromosome haplogroup R1a1 reveals Norse Viking dispersal lineages in Britain. <i>European Journal of Human Genetics</i> , <b>2021</b> , 29, 512-523	5.3	2
321	Analysis of insulin glulisine at the molecular level by X-ray crystallography and biophysical techniques. <i>Scientific Reports</i> , <b>2021</b> , 11, 1737	4.9	2
320	Characterisation of mass distributions of solvent-fractionated lignins using analytical ultracentrifugation and size exclusion chromatography methods. <i>Scientific Reports</i> , <b>2021</b> , 11, 13937	4.9	2
319	Investigating the influence of pectin content and structure on its functionality in bio-flocculant extracted from okra. <i>Carbohydrate Polymers</i> , <b>2020</b> , 241, 116414	10.3	13
318	Polysaccharide valproates: Structure - property relationships in solution. <i>Carbohydrate Polymers</i> , <b>2020</b> , 246, 116652	10.3	6
317	The antibiotic vancomycin induces complexation and aggregation of gastrointestinal and submaxillary mucins. <i>Scientific Reports</i> , <b>2020</b> , 10, 960	4.9	10
316	Exploration of temperature and shelf-life dependency of the therapeutically available Insulin Detemir. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2020</b> , 152, 340-347	5.7	0
315	The gelatinase biosynthesis-activating pheromone binds and stabilises the FsrB membrane protein in <i>Enterococcus faecalis</i> quorum sensing. <i>FEBS Letters</i> , <b>2020</b> , 594, 553-563	3.8	3
314	Characterisation of the molecular properties of scleroglucan as an alternative rigid rod molecule to xanthan gum for oropharyngeal dysphagia. <i>Food Hydrocolloids</i> , <b>2020</b> , 101, 105446	10.6	11
313	Hydrodynamic Compatibility of Hyaluronic Acid and Tamarind Seed Polysaccharide as Ocular Mucin Supplements. <i>Polymers</i> , <b>2020</b> , 12,	4.5	1

312	Probing the effect of aroma compounds on the hydrodynamic properties of mucin glycoproteins. <i>European Biophysics Journal</i> , <b>2020</b> , 49, 799-808	1.9	4
311	Understanding the lost functionality of ethanol in non-alcoholic beer using sensory evaluation, aroma release and molecular hydrodynamics. <i>Scientific Reports</i> , <b>2020</b> , 10, 20855	4.9	3
310	Policy, toxicology and physicochemical considerations on the inhalation of high concentrations of food flavour. <i>Npj Science of Food</i> , <b>2020</b> , 4, 15	6.3	10
309	Isolation and Biophysical Characterisation of Bioactive Polysaccharides from Cucurbita Moschata (Butternut Squash). <i>Polymers</i> , <b>2020</b> , 12,	4.5	3
308	Tert-butyltrimethylsilyl chitosan synthesis and characterization by analytical ultracentrifugation, for archaeological wood conservation. <i>European Biophysics Journal</i> , <b>2020</b> , 49, 781-789	1.9	3
307	Aminoethyl substitution enhances the self-assembly properties of an aminocellulose as a potential archaeological wood consolidant. <i>European Biophysics Journal</i> , <b>2020</b> , 49, 791-798	1.9	3
306	Characterisation of high molecular weight hop proanthocyanidins using Analytical Ultracentrifugation. <i>Scientific Reports</i> , <b>2019</b> , 9, 12650	4.9	
305	Tapping into Synchrotron and Benchtop Circular Dichroism Spectroscopy for Expanding Studies of Complex Polysaccharides and their Interactions in Anoxic Archaeological Wood. <i>Heritage</i> , <b>2019</b> , 2, 121-134	1.6	3
304	Understanding the influence of processing conditions on the extraction of rhamnogalacturonan-I "hairy" pectin from sugar beet pulp. <i>Food Chemistry: X</i> , <b>2019</b> , 2, 100026	4.7	12
303	Submaxillary Mucin: its Effect on Aroma Release from Acidic Drinks and New Insight into the Effect of Aroma Compounds on its Macromolecular Integrity. <i>Food Biophysics</i> , <b>2019</b> , 14, 278-286	3.2	8
302	Non-chemically modified waxy rice starch stabilised w/o emulsions for salt reduction. <i>Food and Function</i> , <b>2019</b> , 10, 4242-4255	6.1	5
301	Mucin immobilization in calcium alginate: A possible mucus mimetic tool for evaluating mucoadhesion and retention of flavour. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 138, 831-836	7.9	9
300	An enzymatically controlled mucoadhesive system for enhancing flavour during food oral processing. <i>Npj Science of Food</i> , <b>2019</b> , 3, 11	6.3	4
299	H-bonds and DNA. <i>Biochemist</i> , <b>2019</b> , 41, 38-41	0.5	0
298	Glycoconjugate vaccines: some observations on carrier and production methods. <i>Biotechnology and Genetic Engineering Reviews</i> , <b>2019</b> , 35, 93-125	4.1	20
297	Stabilisation of oil-in-water emulsions with non-chemical modified gelatinised starch. <i>Food Hydrocolloids</i> , <b>2018</b> , 81, 409-418	10.6	33
296	Controlled depolymerisation assessed by analytical ultracentrifugation of low molecular weight chitosan for use in archaeological conservation. <i>European Biophysics Journal</i> , <b>2018</b> , 47, 769-775	1.9	10
295	Interaction studies of a protein and carbohydrate system using an integrated approach: a case study of the miniagrin-heparin system. <i>European Biophysics Journal</i> , <b>2018</b> , 47, 751-759	1.9	0

294	Antimicrobial resistance (AMR) nanomachines-mechanisms for fluoroquinolone and glycopeptide recognition, efflux and/or deactivation. <i>Biophysical Reviews</i> , <b>2018</b> , 10, 347-362	3.7	17
293	Production of membrane proteins for characterisation of their pheromone-sensing and antimicrobial resistance functions. <i>European Biophysics Journal</i> , <b>2018</b> , 47, 723-737	1.9	3
292	Use of the Extended Fujita method for representing the molecular weight and molecular weight distributions of native and processed oat beta-glucans. <i>Scientific Reports</i> , <b>2018</b> , 8, 11809	4.9	2
291	Characterisation of insulin analogues therapeutically available to patients. <i>PLoS ONE</i> , <b>2018</b> , 13, e0195010	3.7	10
290	Analytical ultracentrifugation in saliva research: Impact of green tea astringency and its significance on the in-vivo aroma release. <i>Scientific Reports</i> , <b>2018</b> , 8, 13350	4.9	6
289	The discovery of hydrogen bonds in DNA and a re-evaluation of the 1948 Creeth two-chain model for its structure. <i>Biochemical Society Transactions</i> , <b>2018</b> , 46, 1171-1182	5.1	11
288	The Svedberg Lecture 2017. From nano to micro: the huge dynamic range of the analytical ultracentrifuge for characterising the sizes, shapes and interactions of molecules and assemblies in Biochemistry and Polymer Science. <i>European Biophysics Journal</i> , <b>2018</b> , 47, 697-707	1.9	6
287	A simple cell-alignment protocol for sedimentation velocity analytical ultracentrifugation to complement mechanical and optical alignment procedures. <i>European Biophysics Journal</i> , <b>2018</b> , 47, 809-813	4.9	8
286	Hydrodynamics of the VanA-type VanS histidine kinase: an extended solution conformation and first evidence for interactions with vancomycin. <i>Scientific Reports</i> , <b>2017</b> , 7, 46180	4.9	15
285	In situ polymerisation of isoeugenol as a green consolidation method for waterlogged archaeological wood. <i>Scientific Reports</i> , <b>2017</b> , 7, 46481	4.9	25
284	Application of novel analytical ultracentrifuge analysis to solutions of fungal mannans. <i>European Biophysics Journal</i> , <b>2017</b> , 46, 235-245	1.9	2
283	Full hydrodynamic reversibility of the weak dimerization of vancomycin and elucidation of its interaction with VanS monomers at clinical concentration. <i>Scientific Reports</i> , <b>2017</b> , 7, 12697	4.9	8
282	Glargine and degludec: Solution behaviour of higher dose synthetic insulins. <i>Scientific Reports</i> , <b>2017</b> , 7, 7287	4.9	8
281	The Effectiveness of Lifestyle Adaptation for the Prevention of Prediabetes in Adults: A Systematic Review. <i>Journal of Diabetes Research</i> , <b>2017</b> , 2017, 8493145	3.9	36
280	Some Bacterial and Synthetic Polysaccharides <b>2017</b> , 193-220		
279	Genetic improvement of tomato by targeted control of fruit softening. <i>Nature Biotechnology</i> , <b>2016</b> , 34, 950-2	44.5	155
278	Solution conformation and flexibility of capsular polysaccharides from <i>Neisseria meningitidis</i> and glycoconjugates with the tetanus toxoid protein. <i>Scientific Reports</i> , <b>2016</b> , 6, 35588	4.9	11
277	Both Reversible Self-Association and Structural Changes Underpin Molecular Viscoelasticity of mAb Solutions. <i>Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 105, 3496-3506	3.9	19

276	The effect of thermal processing in oil on the macromolecular integrity and acrylamide formation from starch of three potato cultivars organically fertilized. <i>Cogent Food and Agriculture</i> , <b>2016</b> , 2,	1.8	2
275	Application of recent advances in hydrodynamic methods for characterising mucins in solution. <i>European Biophysics Journal</i> , <b>2016</b> , 45, 45-54	1.9	6
274	Sodium alginate decreases the permeability of intestinal mucus. <i>Food Hydrocolloids</i> , <b>2016</b> , 52, 749-755	10.6	42
273	Coiled coil type neoglycoproteins presenting three lactose residues. <i>Tetrahedron Letters</i> , <b>2016</b> , 57, 1414-1417	2	2
272	Matrix-free hydrodynamic study on the size distribution and conformation of three technical lignins from wood and non-wood. <i>Holzforschung</i> , <b>2016</b> , 70, 117-125	2	7
271	Location dependent coordination chemistry and MRI relaxivity, in designed lanthanide coiled coils. <i>Chemical Science</i> , <b>2016</b> , 7, 2207-2216	9.4	20
270	Biophysical analysis of a lethal laminin alpha-1 mutation reveals altered self-interaction. <i>Matrix Biology</i> , <b>2016</b> , 49, 93-105	11.4	8
269	Aspects of the Analytical Ultracentrifuge Determination of the Molar Mass Distribution of Polysaccharides <b>2016</b> , 375-386		1
268	Molecular weight analysis of starches: Which technique?. <i>Starch/Staerke</i> , <b>2016</b> , 68, 846-853	2.3	10
267	The chelation of colonic luminal iron by a unique sodium alginate for the improvement of gastrointestinal health. <i>Molecular Nutrition and Food Research</i> , <b>2016</b> , 60, 2098-108	5.9	7
266	A novel analytical ultracentrifugation based approach to the low resolution structure of gum arabic. <i>Biopolymers</i> , <b>2016</b> , 105, 618-25	2.2	2
265	Foreword to Quantitative and analytical relations in biochemistry: a special issue in honour of Donald J. Winzor's 80th birthday. <i>Biophysical Reviews</i> , <b>2016</b> , 8, 269-277	3.7	0
264	A glycoconjugate of Haemophilus influenzae Type b capsular polysaccharide with tetanus toxoid protein: hydrodynamic properties mainly influenced by the carbohydrate. <i>Scientific Reports</i> , <b>2016</b> , 6, 22208	4.9	11
263	Assessing sedimentation equilibrium profiles in analytical ultracentrifugation experiments on macromolecules: from simple average molecular weight analysis to molecular weight distribution and interaction analysis. <i>Biophysical Reviews</i> , <b>2016</b> , 8, 299-308	3.7	4
262	Synthesis and characterisation of lignin-like oligomers as a bio-inspired consolidant for waterlogged archaeological wood. <i>Pure and Applied Chemistry</i> , <b>2016</b> , 88, 969-977	2.1	19
261	Purification of bacterial membrane sensor kinases and biophysical methods for determination of their ligand and inhibitor interactions. <i>Biochemical Society Transactions</i> , <b>2016</b> , 44, 810-23	5.1	10
260	Ultracentrifuge Methods for the Analysis of Polysaccharides, Glycoconjugates, and Lignins. <i>Methods in Enzymology</i> , <b>2015</b> , 562, 391-439	1.7	19
259	Evaluation of diffusion coefficients by means of an approximate steady-state condition in sedimentation velocity distributions. <i>Analytical Biochemistry</i> , <b>2015</b> , 490, 20-5	3.1	4

258	Characterization of Capsular Polysaccharides and Their Glycoconjugates by Hydrodynamic Methods. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1331, 211-27	1.4	4
257	Hydrodynamic characterisation of chitosan and its interaction with two polyanions: DNA and xanthan. <i>Carbohydrate Polymers</i> , <b>2015</b> , 122, 359-66	10.3	13
256	Recent advances in the analysis of macromolecular interactions using the matrix-free method of sedimentation in the analytical ultracentrifuge. <i>Biology</i> , <b>2015</b> , 4, 237-50	4.9	3
255	A multilaboratory comparison of calibration accuracy and the performance of external references in analytical ultracentrifugation. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126420	3.7	55
254	Protein-like fully reversible tetramerisation and super-association of an aminocellulose. <i>Scientific Reports</i> , <b>2014</b> , 4, 3861	4.9	18
253	On hydrodynamic methods for the analysis of the sizes and shapes of polysaccharides in dilute solution: A short review. <i>Food Hydrocolloids</i> , <b>2014</b> , 42, 318-334	10.6	48
252	Concentration dependence of translational diffusion coefficients for globular proteins. <i>Analyst, The</i> , <b>2014</b> , 139, 6242-8	5	22
251	SEDFIT-MSTAR: molecular weight and molecular weight distribution analysis of polymers by sedimentation equilibrium in the ultracentrifuge. <i>Analyst, The</i> , <b>2014</b> , 139, 79-92	5	68
250	Comparative heterogeneity, molecular weights and viscosities of xanthans of different pyruvate and acetate content. <i>Food Hydrocolloids</i> , <b>2014</b> , 42, 335-341	10.6	15
249	The hypoglycemic effect of pumpkin seeds, Trigonelline (TRG), Nicotinic acid (NA), and D-Chiro-inositol (DCI) in controlling glycemic levels in diabetes mellitus. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2014</b> , 54, 1322-9	11.5	25
248	A review of modern approaches to the hydrodynamic characterisation of polydisperse macromolecular systems in biotechnology. <i>Biotechnology and Genetic Engineering Reviews</i> , <b>2014</b> , 30, 142-57	4.1	10
247	Solution conformation of adenovirus virus associated RNA-I and its interaction with PKR. <i>Journal of Structural Biology</i> , <b>2014</b> , 185, 48-57	3.4	18
246	Viscosity development during aqueous dispersion and dissolution: A comparison of PGX $\square$ with other dietary supplements and individual polysaccharides. <i>Food Hydrocolloids</i> , <b>2014</b> , 38, 152-162	10.6	6
245	Activation of 2Q5Qoligoadenylate synthetase by stem loops at the 5Qend of the West Nile virus genome. <i>PLoS ONE</i> , <b>2014</b> , 9, e92545	3.7	32
244	Binding of G-quadruplexes to the N-terminal recognition domain of the RNA helicase associated with AU-rich element (RHAU). <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 35014-27	5.4	41
243	Molecular weight distribution analysis by ultracentrifugation: adaptation of a new approach for mucins. <i>Carbohydrate Polymers</i> , <b>2013</b> , 93, 178-83	10.3	15
242	MultiSig: a new high-precision approach to the analysis of complex biomolecular systems. <i>European Biophysics Journal</i> , <b>2013</b> , 42, 777-86	1.9	25
241	Starch-modified magnetite nanoparticles for impregnation into cartilage. <i>Journal of Nanoparticle Research</i> , <b>2013</b> , 15, 1	2.3	18

240	Hydrodynamic modelling of protein conformation in solution: ELLIPS and HYDRO. <i>Biophysical Reviews</i> , <b>2013</b> , 5, 195-206	3.7	18
239	An analytical ultracentrifugation based study on the conformation of lambda carrageenan in aqueous solution. <i>Carbohydrate Polymers</i> , <b>2013</b> , 97, 203-9	10.3	19
238	Assembly of the yeast exoribonuclease Rrp6 with its associated cofactor Rrp47 occurs in the nucleus and is critical for the controlled expression of Rrp47. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 15959-70	5.4	23
237	Therapeutic targeting of Lewis(y) and Lewis(b) with a novel monoclonal antibody 692/29. <i>PLoS ONE</i> , <b>2013</b> , 8, e54892	3.7	13
236	Drug delivery systems for the treatment of diabetes mellitus: state of the art. <i>Current Pharmaceutical Design</i> , <b>2013</b> , 19, 7244-63	3.3	8
235	Application and use of Inulin as a tool for therapeutic drug delivery. <i>Biotechnology and Genetic Engineering Reviews</i> , <b>2012</b> , 28, 33-45	4.1	21
234	The interaction of dietary fibres with disulphide bonds (S-S) and a potential strategy to reduce the toxicity of the gluten proteins in coeliac disease. <i>Biotechnology and Genetic Engineering Reviews</i> , <b>2012</b> , 28, 115-30	4.1	3
233	Solution properties of capsular polysaccharides from <i>Streptococcus pneumoniae</i> . <i>Carbohydrate Polymers</i> , <b>2012</b> , 90, 237-42	10.3	17
232	An asymmetric and slightly dimerized structure for the tetanus toxoid protein used in glycoconjugate vaccines. <i>Carbohydrate Polymers</i> , <b>2012</b> , 90, 1831-5	10.3	19
231	Can dietary fibre help provide safer food products for sufferers of gluten intolerance? A well-established biophysical probe may help towards providing an answer. <i>BMC Biophysics</i> , <b>2012</b> , 5, 10	0	3
230	The effective time of centrifugation for the analysis of boundary spreading in sedimentation velocity experiments. <i>Analytical Biochemistry</i> , <b>2012</b> , 421, 755-8	3.1	5
229	Extraction, isolation and characterisation of oil bodies from pumpkin seeds for therapeutic use. <i>Food Chemistry</i> , <b>2012</b> , 134, 1919-25	8.5	31
228	The hypoglycaemic effect of pumpkins as anti-diabetic and functional medicines. <i>Food Research International</i> , <b>2011</b> , 44, 862-867	7	93
227	Extended Fujita approach to the molecular weight distribution of polysaccharides and other polymeric systems. <i>Methods</i> , <b>2011</b> , 54, 136-44	4.6	40
226	On the hydrodynamic analysis of conformation in mixed biopolymer systems. <i>Polymer International</i> , <b>2011</b> , 60, 2-8	3.3	19
225	Proteinliche Oligomerisierung von Kohlenhydraten. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 8761-8763	3.6	1
224	Protein-like oligomerization of carbohydrates. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 8602-4	6.4	37
223	Evidence for self-association of a miniaturized version of agrin from hydrodynamic and small-angle X-ray scattering measurements. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 11286-93	3.4	5

222	Studies on macromolecular interactions in ternary mixtures of konjac glucomannan, xanthan gum and sodium alginate. <i>Carbohydrate Polymers</i> , <b>2011</b> , 83, 329-338	10.3	41
221	The effect of prolonged storage at different temperatures on the particle size distribution of tripolyphosphate (TPP) $\chi$ chitosan nanoparticles. <i>Carbohydrate Polymers</i> , <b>2011</b> , 84, 1430-1434	10.3	91
220	State-dependent vs. central motor effects of ethanol on breathing. <i>Journal of Applied Physiology</i> , <b>2010</b> , 108, 387-400	3.7	6
219	Polysaccharide drug delivery systems based on pectin and chitosan. <i>Biotechnology and Genetic Engineering Reviews</i> , <b>2010</b> , 27, 257-84	4.1	137
218	Materials for Encapsulation <b>2010</b> , 31-100		53
217	Nano-structure of the laminin $\beta$ 1 short arm reveals an extended and curved multidomain assembly. <i>Matrix Biology</i> , <b>2010</b> , 29, 565-72	11.4	31
216	Hydrodynamic and mass spectrometry analysis of nearly-intact human fibrinogen, chicken fibrinogen, and of a substantially monodisperse human fibrinogen fragment X. <i>Archives of Biochemistry and Biophysics</i> , <b>2010</b> , 493, 157-68	4.1	20
215	Some observations on the effects of bioprocessing on biopolymer stability. <i>Journal of Drug Targeting</i> , <b>2010</b> , 18, 732-40	5.4	10
214	Insight into protein-protein interactions from analytical ultracentrifugation. <i>Biochemical Society Transactions</i> , <b>2010</b> , 38, 901-7	5.1	44
213	Coadministration of intravenous nicotine and oral alcohol in rats. <i>Psychopharmacology</i> , <b>2010</b> , 208, 475-86	4.7	48
212	Multi-scale calculation and global-fit analysis of hydrodynamic properties of biological macromolecules: determination of the overall conformation of antibody IgG molecules. <i>European Biophysics Journal</i> , <b>2010</b> , 39, 361-70	1.9	10
211	Structure and heterogeneity of gliadin: a hydrodynamic evaluation. <i>European Biophysics Journal</i> , <b>2010</b> , 39, 255-61	1.9	35
210	Physical characterisation of the rhamnogalacturonan and homogalacturonan fractions of sugar beet ( <i>Beta vulgaris</i> ) pectin. <i>Carbohydrate Polymers</i> , <b>2010</b> , 82, 1161-1167	10.3	79
209	Molecular weight distribution evaluation of polysaccharides and glycoconjugates using analytical ultracentrifugation. <i>Macromolecular Bioscience</i> , <b>2010</b> , 10, 714-20	5.5	18
208	James Michael Creeth, 1924-2010. <i>Macromolecular Bioscience</i> , <b>2010</b> , 10, 696-9	5.5	2
207	The effect of different storage temperatures on the physical properties of pectin solutions and gels. <i>Polymer Degradation and Stability</i> , <b>2010</b> , 95, 2670-2673	4.7	16
206	An analytical ultracentrifuge study on ternary mixtures of konjac glucomannan supplemented with sodium alginate and xanthan gum. <i>Carbohydrate Polymers</i> , <b>2010</b> , 81, 145-148	10.3	20
205	A novel global hydrodynamic analysis of the molecular flexibility of the dietary fibre polysaccharide konjac glucomannan. <i>Food Hydrocolloids</i> , <b>2009</b> , 23, 1910-1917	10.6	64



204	The kinetics of chitosan depolymerisation at different temperatures. <i>Polymer Degradation and Stability</i> , <b>2009</b> , 94, 1344-1348	4.7	16
203	Analysis of the continuous phase of the modified waxy maize starch suspension. <i>Carbohydrate Polymers</i> , <b>2009</b> , 77, 320-325	10.3	11
202	The role of noradrenaline and 5-hydroxytryptamine in yohimbine-induced increases in alcohol-seeking in rats. <i>Psychopharmacology</i> , <b>2009</b> , 204, 477-88	4.7	45
201	Roles of opioid receptor subtypes in mediating alcohol-seeking induced by discrete cues and context. <i>European Journal of Neuroscience</i> , <b>2009</b> , 30, 671-8	3.5	52
200	Studies on the molecular flexibility of novel dendronized carboxymethyl cellulose derivatives. <i>European Polymer Journal</i> , <b>2009</b> , 45, 1098-1110	5.2	20
199	Macromolecular conformation of chitosan in dilute solution: A new global hydrodynamic approach. <i>Carbohydrate Polymers</i> , <b>2009</b> , 76, 616-621	10.3	81
198	Effects of Ethanol on Sleep and Central Respiratory Motor Activity. <i>FASEB Journal</i> , <b>2009</b> , 23, 1010.10	0.9	
197	In vitro cytostatic and immunomodulatory properties of the medicinal mushroom <i>Lentinula edodes</i> . <i>Phytomedicine</i> , <b>2008</b> , 15, 512-9	6.5	59
196	Excavating past population structures by surname-based sampling: the genetic legacy of the Vikings in northwest England. <i>Molecular Biology and Evolution</i> , <b>2008</b> , 25, 301-9	8.3	79
195	Pectic polysaccharides from <i>Biophytum petersianum</i> Klotzsch, and their activation of macrophages and dendritic cells. <i>Glycobiology</i> , <b>2008</b> , 18, 1074-84	5.8	48
194	Intra-median raphe nucleus (MRN) infusions of muscimol, a GABA-A receptor agonist, reinstate alcohol seeking in rats: role of impulsivity and reward. <i>Psychopharmacology</i> , <b>2008</b> , 195, 605-15	4.7	32
193	The effect of a point mutation on the stability of IgG4 as monitored by analytical ultracentrifugation. <i>Journal of Pharmaceutical Sciences</i> , <b>2008</b> , 97, 960-9	3.9	17
192	Effect of PEGylation on the solution conformation of antibody fragments. <i>Journal of Pharmaceutical Sciences</i> , <b>2008</b> , 97, 2062-79	3.9	46
191	Unconventional methyl galactan synthesized via the hexyldimethylsilyl intermediate: preparation, characterization, and properties. <i>Macromolecular Bioscience</i> , <b>2008</b> , 8, 96-105	5.5	6
190	Molecular flexibility of methylcelluloses of differing degree of substitution by combined sedimentation and viscosity analysis. <i>Macromolecular Bioscience</i> , <b>2008</b> , 8, 1108-15	5.5	29
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5	Analysis of Polysaccharides by Ultracentrifugation. Size, Conformation and Interactions in Solution	211-254	20
4	Oligomerization of Hydroperoxide Lyase, a Novel P450 Enzyme in Plants	116-120	
3	An Introduction to Polysaccharide Biotechnology		14
2	An Introduction to Polysaccharide Biotechnology		16
1	Centrifugation and Ultracentrifugation	424-453	2