

# Jean-Marc Nuzillard

## 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.

199  
papers

3,854  
citations

32  
h-index

48  
g-index

220  
ext. papers

4,361  
ext. citations

3.9  
avg, IF

5.29  
L-index

#	Paper	IF	Citations
199	Anti-Toxoplasma gondii effect of lupane-type triterpenes from the bark of black alder (Alnus glutinosa) and identification of a potential target by reverse docking.. <i>Parasite</i> , <b>2022</b> , 29, 7	3	0
198	Investigation of antiparasitic activity of ten European tree bark extracts on and bioguided identification of triterpenes in barks. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2021</b> , AAC0109821	5.9	1
197	Tailoring the nuclear Overhauser effect for the study of small and medium-sized molecules by solvent viscosity manipulation. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , <b>2021</b> , 123, 1-50	10.4	2
196	NMReDATA: Tools and applications. <i>Magnetic Resonance in Chemistry</i> , <b>2021</b> , 59, 792-803	2.1	3
195	<sup>13</sup> C NMR Dereplication Using MixONat Software: A Practical Guide to Decipher Natural Products Mixtures. <i>Planta Medica</i> , <b>2021</b> , 87, 1061-1068	3.1	0
194	Taxonomy-Focused Natural Product Databases for Carbon-13 NMR-Based Dereplication. <i>Analytical Journal of Analytical Chemistry and Chemical Analysis</i> , <b>2021</b> , 2, 50-56	1.4	0
193	Glucosinolates of L. (Brassicaceae) from Croatia. <i>Natural Product Research</i> , <b>2021</b> , 35, 494-498	2.3	3
192	H-NMR metabolomics profiling of zebra mussel (Dreissena polymorpha): A field-scale monitoring tool in ecotoxicological studies. <i>Environmental Pollution</i> , <b>2021</b> , 270, 116048	9.3	5
191	Dereplication of Natural Extracts Diluted in Propylene Glycol, 1,3-Propanediol and Glycerin. Comparison of Leontopodium alpinum Cass. (Edelweiss) Extracts as a Case Study. <i>Cosmetics</i> , <b>2021</b> , 8, 10	2.7	
190	The Three Pillars of Natural Product Dereplication. Alkaloids from the Bulbs of (C. Presl) J.F. Macbr. as a Preliminary Test Case. <i>Molecules</i> , <b>2021</b> , 26,	4.8	4
189	Virtual decoupling to break the simplification versus resolution trade-off in nuclear magnetic resonance of complex metabolic mixtures. <i>Magnetic Resonance</i> , <b>2021</b> , 2, 619-627	2.9	
188	ViscY NMR experiments in phosphoric acid as a viscous solvent for individualization of small molecules within mixtures by spin diffusion. <i>Analyt, The</i> , <b>2021</b> , 146, 5316-5325	5	0
187	Chemical Profile and Antimicrobial Activity of the Fungus-Growing Termite Strain Used in Traditional Medicine in the Republic of Benin. <i>Molecules</i> , <b>2020</b> , 25,	4.8	3
186	Investigation of Antioxidant and Elastase Inhibitory Activities of Geum urbanum Aerial Parts, Chemical Characterization of Extracts Guided by Chemical and Biological Assays. <i>Natural Product Communications</i> , <b>2020</b> , 15, 1934578X2091530	0.9	0
185	Abundant Extractable Metabolites from Temperate Tree Barks: The Specific Antimicrobial Activity of Extracts. <i>Antibiotics</i> , <b>2020</b> , 9,	4.9	5
184	Mixture Analysis in Viscous Solvents by NMR Spin Diffusion Spectroscopy: ViscY. Application to High- and Low-Polarity Organic Compounds Dissolved in Sulfolane/Water and Sulfolane/DMSO-Blends. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 5191-5199	7.8	4
183	The Zebra Mussel () as a Model Organism for Ecotoxicological Studies: A Prior H NMR Spectrum Interpretation of a Whole Body Extract for Metabolism Monitoring. <i>Metabolites</i> , <b>2020</b> , 10,	5.6	8

182	Diterpenoids from the stem bark of <i>Croton megalocarpoides</i> Friis & M. G. Gilbert. <i>Phytochemistry Letters</i> , <b>2020</b> , 39, 1-7	1.9	2
181	In Vitro and In Vivo Activity of <i>Anogeissus leiocarpa</i> Bark Extract and Isolated Metabolites against <i>Toxoplasma gondii</i> . <i>Planta Medica</i> , <b>2020</b> , 86, 294-302	3.1	2
180	Multiple solvent signal presaturation and decoupling artifact removal in $^{13}\text{C}\{^1\text{H}\}$ nuclear magnetic resonance. <i>Magnetic Resonance</i> , <b>2020</b> , 1, 155-164	2.9	2
179	Investigation of the glucosinolates in <i>Hesperis matronalis</i> L. and <i>Hesperis laciniata</i> All.: Unveiling 4'-O- $\beta$ -apiofuranosylglucomatronalin. <i>Carbohydrate Research</i> , <b>2020</b> , 488, 107898	2.9	4
178	(S)- $\beta$ -Hydroxymethyl- $\beta$ -butenolide, a Valuable Chiral Synthone: Syntheses, Reactivity, and Applications. <i>Organic Process Research and Development</i> , <b>2020</b> , 24, 615-636	3.9	7
177	Dereplication of Natural Extracts Diluted in Glycerin: Physical Suppression of Glycerin by Centrifugal Partition Chromatography Combined with Presaturation of Solvent Signals in C-Nuclear Magnetic Resonance Spectroscopy. <i>Molecules</i> , <b>2020</b> , 25,	4.8	3
176	Glucosinolates in <i>Reseda lutea</i> L.: Distribution in plant tissues during flowering time. <i>Biochemical Systematics and Ecology</i> , <b>2020</b> , 90, 104043	1.4	5
175	Polar mixture analysis by NMR under spin diffusion conditions in viscous sucrose solution and agarose gel. <i>Faraday Discussions</i> , <b>2019</b> , 218, 233-246	3.6	4
174	The value of universally available raw NMR data for transparency, reproducibility, and integrity in natural product research. <i>Natural Product Reports</i> , <b>2019</b> , 36, 35-107	15.1	63
173	Accelerating Metabolite Identification in Natural Product Research: Toward an Ideal Combination of Liquid Chromatography-High-Resolution Tandem Mass Spectrometry and NMR Profiling, in Silico Databases, and Chemometrics. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 704-742	7.8	101
172	Enzymatic Synthesis of Resveratrol $\beta$ -Glycosides from $\beta$ -Cyclodextrin-Resveratrol Complex in Water. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 5370-5380	8.3	19
171	NMRReDATA, a standard to report the NMR assignment and parameters of organic compounds. <i>Magnetic Resonance in Chemistry</i> , <b>2018</b> , 56, 703-715	2.1	43
170	Advanced NMR-Based Structural Investigation of Glucosinolates and Desulfoglucosinolates. <i>Journal of Natural Products</i> , <b>2018</b> , 81, 323-334	4.9	15
169	Two new bis-iridoids isolated from <i>Scabiosa stellata</i> and their antibacterial, antioxidant, anti-tyrosinase and cytotoxic activities. <i>Phytotherapy Research</i> , <b>2018</b> , 32, 41-48	3.2	24
168	Reconstruction of HMBC Correlation Networks: A Novel NMR-Based Contribution to Metabolite Mixture Analysis. <i>Journal of Chemical Information and Modeling</i> , <b>2018</b> , 58, 262-270	6.1	8
167	Tutorial for the structure elucidation of small molecules by means of the LSD software. <i>Magnetic Resonance in Chemistry</i> , <b>2018</b> , 56, 458-468	2.1	12
166	Glucosinolate turnover in Brassicales species to an oxazolidin-2-one, formed via the 2-thione and without formation of thioamide. <i>Phytochemistry</i> , <b>2018</b> , 153, 79-93	4	13
165	Structural characterization and pro-tumor properties of a highly conserved matrikine. <i>Oncotarget</i> , <b>2018</b> , 9, 17839-17857	3.3	12

164	Pseudopulchellol: A unique sesquiterpene-monoterpene derived C-25 terpenoid from the leaves of <i>Croton pseudopulchellus</i> Pax (Euphorbiaceae). <i>Phytochemistry Letters</i> , <b>2018</b> , 23, 38-40	1.9	5
163	Bioactive metabolites from the leaves of <i>Withania adpressa</i> . <i>Pharmaceutical Biology</i> , <b>2018</b> , 56, 505-510	3.8	9
162	GABA and GABA-Alanine from the Red Microalgae <i>Rhodorus marinus</i> Exhibit a Significant Neuro-Soothing Activity through Inhibition of Neuro-Inflammation Mediators and Positive Regulation of TRPV1-Related Skin Sensitization. <i>Marine Drugs</i> , <b>2018</b> , 16,	6	7
161	Dereplication strategies in natural product research: How many tools and methodologies behind the same concept?. <i>Phytochemistry Reviews</i> , <b>2017</b> , 16, 55-95	7.7	130
160	An integrated process for the recovery of high added-value compounds from olive oil using solid support free liquid-liquid extraction and chromatography techniques. <i>Journal of Chromatography A</i> , <b>2017</b> , 1491, 126-136	4.5	29
159	Novel triterpenoid derivatives from <i>Eucomis bicolor</i> Bak. (Hyacinthaceae: Hyacinthoideae). <i>RSC Advances</i> , <b>2017</b> , 7, 15416-15427	3.7	2
158	Small Molecule Mixture Analysis by Heteronuclear NMR under Spin Diffusion Conditions in Viscous DMSO-Water Solvent. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 4923-4928	4.8	7
157	<i>Schinus terebinthifolius</i> countercurrent chromatography (Part III): Method transfer from small countercurrent chromatography column to preparative centrifugal partition chromatography ones as a part of method development. <i>Journal of Chromatography A</i> , <b>2017</b> , 1487, 77-82	4.5	2
156	Computer-Aided C NMR Chemical Profiling of Crude Natural Extracts without Fractionation. <i>Journal of Natural Products</i> , <b>2017</b> , 80, 1387-1396	4.9	29
155	Computer-aided Dereplication and Structure Elucidation of Natural Products at the University of Reims. <i>Molecular Informatics</i> , <b>2017</b> , 36, 1700027	3.8	9
154	New oleanane saponins from the roots of <i>Dendrobangia boliviana</i> identified by LC-SPE-NMR. <i>Magnetic Resonance in Chemistry</i> , <b>2017</b> , 55, 1036-1044	2.1	2
153	Purification of dirucotide, a synthetic 17-aminoacid peptide, by ion exchange centrifugal partition chromatography. <i>Journal of Chromatography A</i> , <b>2017</b> , 1513, 78-83	4.5	4
152	Extreme direction analysis for blind separation of nonnegative signals. <i>Signal Processing</i> , <b>2017</b> , 130, 254-267	4.4	4
151	Anti-Cancer Activity of Resveratrol and Derivatives Produced by Grapevine Cell Suspensions in a 14 L Stirred Bioreactor. <i>Molecules</i> , <b>2017</b> , 22,	4.8	39
150	Cytotoxicity of Labruscol, a New Resveratrol Dimer Produced by Grapevine Cell Suspensions, on Human Skin Melanoma Cancer Cell Line HT-144. <i>Molecules</i> , <b>2017</b> , 22,	4.8	10
149	Removal of pesticides from wastewater by ion pair Centrifugal Partition Extraction using betaine-derived ionic liquids as extractants. <i>Chemical Engineering Journal</i> , <b>2016</b> , 285, 596-604	14.7	30
148	Bioactivity-guided identification of antimicrobial metabolites in <i>Alnus glutinosa</i> bark and optimization of oregonin purification by Centrifugal Partition Chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2016</b> , 1029-1030, 121-127	3.2	19
147	C NMR and LC-MS Profiling of Stilbenes from Elicited Grapevine Hairy Root Cultures. <i>Journal of Natural Products</i> , <b>2016</b> , 79, 2846-2855	4.9	22

146	In Vitro Dermo-Cosmetic Evaluation of Bark Extracts from Common Temperate Trees. <i>Planta Medica</i> , <b>2016</b> , 82, 1351-1358	3.1	23
145	Highly Viscous Binary Solvents: DMSO-d6/Glycerol and DMSO-d6/Glycerol-d8 for Polar and Apolar Mixture Analysis by NMR. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 4508-15	7.8	12
144	Bio-Guided Isolation of Methanol-Soluble Metabolites of Common Spruce ( <i>Picea abies</i> ) Bark by-Products and Investigation of Their Dermo-Cosmetic Properties. <i>Molecules</i> , <b>2016</b> , 21,	4.8	22
143	Industrial case study on alkaloids purification by pH-zone refining centrifugal partition chromatography. <i>Journal of Chromatography A</i> , <b>2016</b> , 1474, 59-70	4.5	28
142	Methodology for optimally sized centrifugal partition chromatography columns. <i>Journal of Chromatography A</i> , <b>2015</b> , 1388, 174-83	4.5	26
141	Exploiting the Complementarity between Dereplication and Computer-Assisted Structure Elucidation for the Chemical Profiling of Natural Cosmetic Ingredients: <i>Tephrosia purpurea</i> as a Case Study. <i>Journal of Natural Products</i> , <b>2015</b> , 78, 1609-17	4.9	17
140	Glucosinolate Diversity in <i>Bretschneidera sinensis</i> of Chinese Origin. <i>Journal of Natural Products</i> , <b>2015</b> , 78, 2001-6	4.9	15
139	Modeling pH-zone refining countercurrent chromatography: a dynamic approach. <i>Journal of Chromatography A</i> , <b>2015</b> , 1391, 80-7	4.5	14
138	Antibacterial Polyketide Heterodimers from <i>Pyrenacantha kaurabassana</i> Tubers. <i>Journal of Natural Products</i> , <b>2015</b> , 78, 597-603	4.9	11
137	Intensified Separation of Steviol Glycosides from a Crude Aqueous Extract of <i>Stevia rebaudiana</i> Leaves Using Centrifugal Partition Chromatography. <i>Planta Medica</i> , <b>2015</b> , 81, 1614-20	3.1	10
136	Isolation of flavonoids and triterpenoids from the fruits of <i>Alphitonia neocaledonica</i> and evaluation of their anti-oxidant, anti-tyrosinase and cytotoxic activities. <i>Phytochemical Analysis</i> , <b>2015</b> , 26, 137-44	3.4	20
135	Fast Identification of Radical Scavengers from <i>Securigera varia</i> by Combining <sup>13</sup> C-NMR-Based Dereplication to Bioactivity-Guided Fractionation. <i>Molecules</i> , <b>2015</b> , 20, 14970-84	4.8	11
134	Temperature Dependence of CO <sub>2</sub> and Ethanol Diffusion in Champagne Wines: A Joint Molecular Dynamics and <sup>13</sup> C NMR Study. <i>ACS Symposium Series</i> , <b>2015</b> , 69-83	0.4	
133	Purification of antibiotics from the biocontrol agent <i>Streptomyces anulatus</i> S37 by centrifugal partition chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2014</b> , 944, 30-4	3.2	18
132	Unveiling the Interplay Between Diffusing CO <sub>2</sub> and Ethanol Molecules in Champagne Wines by Classical Molecular Dynamics and ( <sup>13</sup> C) NMR Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , <b>2014</b> , 5, 4232-7	6.4	7
131	Dereplication of depsides from the lichen <i>Pseudevernia furfuracea</i> by centrifugal partition chromatography combined to <sup>13</sup> C nuclear magnetic resonance pattern recognition. <i>Analytica Chimica Acta</i> , <b>2014</b> , 846, 60-7	6.6	23
130	Identification of natural metabolites in mixture: a pattern recognition strategy based on ( <sup>13</sup> C) NMR. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 2955-62	7.8	59
129	New biphasic solvent system based on cyclopentyl methyl ether for the purification of a non-polar synthetic peptide by pH-zone refining centrifugal partition chromatography. <i>Journal of Separation Science</i> , <b>2014</b> , 37, 1222-8	3.4	9

128	Automated Interpretation of NMR Spectra for Small Organic Molecules in Solution <b>2014</b> , 287-294		7
127	Human developmental anatomy: microscopic magnetic resonance imaging (MRI) of four human embryos (from Carnegie Stage 10 to 20). <i>Annals of Anatomy</i> , <b>2014</b> , 196, 402-9	2.9	7
126	Centrifugal partition extraction in the pH-zone-refining displacement mode: an efficient strategy for the screening and isolation of biologically active phenolic compounds. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2013</b> , 937, 7-12	3.2	12
125	Structure verification through computer-assisted spectral assignment of NMR spectra. <i>Magnetic Resonance in Chemistry</i> , <b>2013</b> , 51, 54-9	2.1	17
124	Purification of a modified cyclosporine A by co-current centrifugal partition chromatography: process development and intensification. <i>Journal of Chromatography A</i> , <b>2013</b> , 1311, 72-8	4.5	11
123	Polyphenol Purification by Solid Support-Free Liquid-Liquid Chromatography (CCC, CPC) <b>2013</b> , 2145-2172		1
122	Recent advances in the structure elucidation of small organic molecules by the LSD software. <i>Magnetic Resonance in Chemistry</i> , <b>2013</b> , 51, 447-53	2.1	19
121	Stepwise elution of a three-phase solvent system in centrifugal partition extraction: a new strategy for the fractionation and phytochemical screening of a crude bark extract. <i>Phytochemical Analysis</i> , <b>2013</b> , 24, 367-73	3.4	14
120	Encapsulation of contrast imaging agents by polypropyleneimine-based dendrimers. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2013</b> , 101, 613-21	5.4	6
119	Metabolomics reveals simultaneous influences of plant defence system and fungal growth in <i>Botrytis cinerea</i> -infected <i>Vitis vinifera</i> cv. Chardonnay berries. <i>Journal of Experimental Botany</i> , <b>2012</b> , 63, 5773-85	7	55
118	A geometric approach to blind separation of nonnegative and dependent source signals. <i>Signal Processing</i> , <b>2012</b> , 92, 2775-2784	4.4	11
117	New perspectives for microbial glycolipid fractionation and purification processes. <i>Comptes Rendus Chimie</i> , <b>2012</b> , 15, 18-28	2.7	15
116	Strong ion exchange in centrifugal partition extraction (SIX-CPE): effect of partition cell design and dimensions on purification process efficiency. <i>Journal of Chromatography A</i> , <b>2012</b> , 1247, 18-25	4.5	22
115	Concentration and selective fractionation of an antihypertensive peptide from an alfalfa white proteins hydrolysate by mixed ion-exchange centrifugal partition chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2012</b> , 905, 23-30	3.2	16
114	High-resolution and high-sensitivity 2D homonuclear J-resolved NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , <b>2012</b> , 50, 28-32	2.1	15
113	Ion-exchange centrifugal partition chromatography: a methodological approach for peptide separation. <i>Journal of Chromatography A</i> , <b>2012</b> , 1236, 115-22	4.5	13
112	Glycerol and glycerol carbonate as ultraviscous solvents for mixture analysis by NMR. <i>Journal of Magnetic Resonance</i> , <b>2011</b> , 212, 161-8	3	24
111	Preparative isolation of glucosinolates from various edible plants by strong ion-exchange centrifugal partition chromatography. <i>Separation and Purification Technology</i> , <b>2011</b> , 83, 15-22	8.3	11



110	Quantification of chitinase and thaumatin-like proteins in grape juices and wines. <i>Analytical and Bioanalytical Chemistry</i> , <b>2011</b> , 401, 1541-9	4.4	20
109	Intensified extraction of ionized natural products by ion pair centrifugal partition extraction. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 5254-62	4.5	21
108	New and old NMR experiments for the resonance assignment of complex oligosaccharides--application to a cyclodextrin derivative. <i>Magnetic Resonance in Chemistry</i> , <b>2011</b> , 49, 781-7	2.1	4
107	The stimulating adventure of KRN 7000. <i>Organic and Biomolecular Chemistry</i> , <b>2011</b> , 9, 3080-104	3.9	110
106	Use of the NEO strategy (Nucleophilic addition/Epoxyde Opening) for the synthesis of a new C-galactoside ester analogue of KRN 7000. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2011</b> , 21, 2510-4	2.9	6
105	New Improvements in Automatic Structure Elucidation Using the LSD (Logic for Structure Determination) and the SISTEMAT Expert Systems. <i>Natural Product Communications</i> , <b>2010</b> , 5, 1934578X1000500	0.8	2
104	Spectral aliasing: a super zoom for 2D-NMR spectra. Principles and applications. <i>Chimia</i> , <b>2010</b> , 64, 235-40	1.3	14
103	Synthesis and biological evaluation of new penta- and heptacyclic indolo- and quinolinocarbazole ring systems obtained via Pd(0) catalysed reductive N-heteroannulation. <i>Organic and Biomolecular Chemistry</i> , <b>2010</b> , 8, 4625-36	3.9	16
102	Moandaensine, a dimeric indole alkaloid from <i>Strychnos moandaensis</i> (Loganiaceae). <i>Phytochemistry Letters</i> , <b>2010</b> , 3, 100-103	1.9	9
101	S3EPY: a Sparky extension for determination of small scalar couplings from spin-state-selective excitation NMR experiments. <i>Journal of Biomolecular NMR</i> , <b>2010</b> , 46, 191-7	3	4
100	Automatic structure determination of organic molecules: Principle and implementation of the LSD program. <i>Chinese Journal of Chemistry</i> , <b>2010</b> , 21, 1263-1267	4.9	16
99	Stereoselective triplet-sensitised radical reactions of furanone derivatives. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 3341-54	4.8	36
98	Cembranolides from the stem bark of the southern African medicinal plant, <i>Croton gratissimus</i> (Euphorbiaceae). <i>Phytochemistry</i> , <b>2010</b> , 71, 1381-6	4	31
97	An alternative scheme for the multiplexed acquisition of 1D and 2D NMR spectra. <i>Journal of Magnetic Resonance</i> , <b>2010</b> , 206, 68-73	3	11
96	An unexpected rearrangement giving a new thiosubstituted carbohydrate. <i>Carbohydrate Research</i> , <b>2010</b> , 345, 1088-93	2.9	4
95	New improvements in automatic structure elucidation using the LSD (Logic for Structure Determination) and the SISTEMAT expert systems. <i>Natural Product Communications</i> , <b>2010</b> , 5, 763-70	0.9	7
94	(L)- or (D)-valine tert-butylamide grafted on permethylated beta-cyclodextrin derivatives as new mixed binary chiral selectors: versatile tools for capillary gas chromatographic enantioseparation. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 4051-62	4.5	34
93	Pilot-scale ion-exchange centrifugal partition chromatography: purification of sinalbin from white mustard seeds. <i>Journal of Separation Science</i> , <b>2009</b> , 32, 1801-7	3.4	14

92	Application of biselective refocusing soft pulses to the simplification of heteronuclear correlation spectra. <i>Journal of Magnetic Resonance</i> , <b>2008</b> , 190, 292-7	3	1
91	Application of the Quiral program to the challenge of myoinositol synthesis. <i>Journal of Chemical Information and Modeling</i> , <b>2007</b> , 47, 1979-85	6.1	8
90	quiral: a computer program for the synthesis of chiral molecules from sugars. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 2311-2313	2	9
89	Preparative isolation of huperzines A and B from <i>Huperzia serrata</i> by displacement centrifugal partition chromatography. <i>Journal of Chromatography A</i> , <b>2007</b> , 1140, 101-6	4.5	22
88	Strong ion-exchange centrifugal partition chromatography as an efficient method for the large-scale purification of glucosinolates. <i>Journal of Chromatography A</i> , <b>2007</b> , 1170, 44-51	4.5	21
87	Biselective refocusing pulses and the SERF experiment. <i>Journal of Magnetic Resonance</i> , <b>2007</b> , 187, 193-83		13
86	Chemical compounds from <i>Eperua falcata</i> and <i>Eperua grandiflora</i> heartwood and their biological activities against wood destroying fungus ( <i>Coriolus versicolor</i> ). <i>European Journal of Wood and Wood Products</i> , <b>2007</b> , 65, 23-28	2.1	17
85	A theoretical study of the biselective double pulsed field gradient spin-echo NMR experiment. <i>Molecular Physics</i> , <b>2007</b> , 105, 2243-2250	1.7	1
84	Automatic first-order multiplet analysis in liquid-state NMR. <i>Comptes Rendus Chimie</i> , <b>2006</b> , 9, 498-502	2.7	2
83	NMR metabolomics to revisit the tobacco mosaic virus infection in <i>Nicotiana tabacum</i> leaves. <i>Journal of Natural Products</i> , <b>2006</b> , 69, 742-8	4.9	142
82	Novel seco-dibenzopyrrocoline alkaloid from <i>Cryptocarya oubatchensis</i> . <i>Organic Letters</i> , <b>2006</b> , 8, 3825-86.2		34
81	Automatic Structure Elucidation through Data Base Search and 2D NMR Spectral Analysis. <i>Natural Product Communications</i> , <b>2006</b> , 1, 1934578X0600100	0.9	3
80	Automatic identification of terpenoid skeletons by feed-forward neural networks. <i>Analytica Chimica Acta</i> , <b>2006</b> , 579, 217-26	6.6	4
79	Structural and antitumor properties of the YSNSG cyclopeptide derived from tumstatin. <i>Chemistry and Biology</i> , <b>2006</b> , 13, 1307-15		17
78	Multiple dual-mode centrifugal partition chromatography, a semi-continuous development mode for routine laboratory-scale purifications. <i>Journal of Chromatography A</i> , <b>2006</b> , 1127, 45-51	4.5	80
77	Synthesis of new 4-(1-ethylthio-2,2,2-trifluoroethyl)-6-methylpyridazin-3(2H)-ones starting from S-ethyl 4-oxo-2-(pentafluoroethyl)pentanethiolate and hydrazines. <i>Journal of Fluorine Chemistry</i> , <b>2006</b> , 127, 101-107	2.1	4
76	Blind source separation of positive and partially correlated data. <i>Signal Processing</i> , <b>2005</b> , 85, 1711-1722	4.4	39
75	Use of magnetic resonance spectroscopy for the investigation of the CO <sub>2</sub> dissolved in champagne and sparkling wines: a nondestructive and unintrusive method. <i>Analytica Chimica Acta</i> , <b>2005</b> , 535, 73-78	6.6	31



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