

Andrea Motta

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178
papers

4,328
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38
h-index

51
g-index

203
ext. papers

4,938
ext. citations

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avg, IF

5.15
L-index

#	Paper	IF	Citations
178	NMR spectroscopy metabolomic profiling of exhaled breath condensate in patients with stable and unstable cystic fibrosis. <i>Thorax</i> , 2012 , 67, 222-8	7.3	121
177	Metabonomic analysis of exhaled breath condensate in adults by nuclear magnetic resonance spectroscopy. <i>European Respiratory Journal</i> , 2008 , 32, 1175-83	13.6	101
176	Synthesis and characterization of a novel alginate- β poly(ethylene glycol) graft copolymer. <i>Carbohydrate Polymers</i> , 2005 , 62, 274-282	10.3	99
175	Viridepyronone, a new antifungal 6-substituted 2H-pyran-2-one produced by <i>Trichoderma viride</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 6957-60	5.7	96
174	Topology of the calmodulin-melittin complex. <i>Journal of Molecular Biology</i> , 1998 , 277, 945-58	6.5	85
173	Solution conformation of salmon calcitonin in sodium dodecyl sulfate micelles as determined by two-dimensional NMR and distance geometry calculations. <i>Biochemistry</i> , 1991 , 30, 10444-50	3.2	78
172	Stagonolides B-F, nonenolides produced by <i>Stagonospora cirsii</i> , a potential mycoherbicide of <i>Cirsium arvense</i> . <i>Journal of Natural Products</i> , 2008 , 71, 31-4	4.9	77
171	Separating smoking-related diseases using NMR-based metabolomics of exhaled breath condensate. <i>Journal of Proteome Research</i> , 2013 , 12, 1502-11	5.6	73
170	Probing protein structure by solvent perturbation of nuclear magnetic resonance spectra. Nuclear magnetic resonance spectral editing and topological mapping in proteins by paramagnetic relaxation filtering. <i>Journal of Molecular Biology</i> , 1992 , 224, 659-70	6.5	66
169	Conformational preferences of [Leu5]enkephalin in biomimetic media. Investigation by ^1H NMR. <i>FEBS Journal</i> , 1990 , 192, 433-9		65
168	Nuclear magnetic resonance-based metabolomics of exhaled breath condensate: methodological aspects. <i>European Respiratory Journal</i> , 2012 , 39, 498-500	13.6	64
167	A folding-dependent mechanism of antimicrobial peptide resistance to degradation unveiled by solution structure of distinctin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 6309-14	11.5	64
166	(-)-Amarbellisine, a lycorine-type alkaloid from <i>Amaryllis belladonna</i> L. growing in Egypt. <i>Phytochemistry</i> , 2004 , 65, 2113-8	4	61
165	Solution structure of human calcitonin in membrane-mimetic environment: The role of the amphipathic helix. <i>Proteins: Structure, Function and Bioinformatics</i> , 1998 , 32, 314-323	4.2	59
164	Cytochalasins Z1, Z2 and Z3, three 24-oxa[14]cytochalasans produced by <i>Pyrenophora semeniperda</i> . <i>Phytochemistry</i> , 2002 , 60, 45-53	4	56
163	Stagonolides G-I and modiolide A, nonenolides produced by <i>Stagonospora cirsii</i> , a potential mycoherbicide for <i>Cirsium arvense</i> . <i>Journal of Natural Products</i> , 2008 , 71, 1897-901	4.9	55
162	Coexistence of obesity and asthma determines a distinct respiratory metabolic phenotype. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 1536-1547.e5	11.5	53

161	Electronic Nose and Exhaled Breath NMR-based Metabolomics Applications in Airways Disease. <i>Current Topics in Medicinal Chemistry</i> , 2016 , 16, 1610-30	3	53
160	Brefeldin A and 7-Dehydrocurvularin, two phytotoxins from <i>Alternaria zinniae</i> , a biocontrol agent of <i>Xanthium occidentale</i> . <i>Plant Science</i> , 1998 , 138, 67-79	5.3	51
159	A phytotoxic pimarane diterpene of <i>Sphaeropsis sapinea</i> f. sp. <i>Cupressi</i> , the pathogen of a canker disease of cypress. <i>Phytochemistry</i> , 1996 , 42, 1541-1546	4	51
158	Sphaeropsidins B and C, phytotoxic pimarane diterpenes from <i>Sphaeropsis sapinea</i> f. sp. <i>Cupressi</i> and <i>Diplodia mutila</i> . <i>Phytochemistry</i> , 1997 , 45, 705-713	4	50
157	Complete assignment of the aromatic proton magnetic resonance spectrum of the kringle 1 domain from human plasminogen: structure of the ligand-binding site. <i>Biochemistry</i> , 1987 , 26, 3827-36	3.2	50
156	Two non-psychoactive cannabinoids reduce intracellular lipid levels and inhibit hepatosteatosis. <i>Journal of Hepatology</i> , 2015 , 62, 1382-90	13.4	49
155	Peagol and peagoldione, two new strigolactone-like metabolites isolated from pea root exudates. <i>Tetrahedron Letters</i> , 2009 , 50, 6955-6958	2	45
154	NMR metabolomic analysis of exhaled breath condensate of asthmatic patients at two different temperatures. <i>Journal of Proteome Research</i> , 2014 , 13, 6107-20	5.6	44
153	Structural determinants of salmon calcitonin bioactivity: the role of the Leu-based amphipathic alpha-helix. <i>Journal of Biological Chemistry</i> , 2006 , 281, 24193-203	5.4	44
152	Vitamin C and L-Proline Antagonistic Effects Capture Alternative States in the Pluripotency Continuum. <i>Stem Cell Reports</i> , 2017 , 8, 1-10	8	43
151	SDS-resistant active and thermostable dimers are obtained from the dissociation of homotetrameric beta-glycosidase from hyperthermophilic <i>Sulfolobus solfataricus</i> in SDS. Stabilizing role of the A-C intermonomeric interface. <i>Journal of Biological Chemistry</i> , 2002 , 277, 44050-60	5.4	43
150	Structure-activity relationship of the leucine-based sorting motifs in the cytosolic tail of the major histocompatibility complex-associated invariant chain. <i>Journal of Biological Chemistry</i> , 1995 , 270, 27165-71	5.4	43
149	Polyphenols, including the new Peapolyphenols A-C, from pea root exudates stimulate <i>Orobanche foetida</i> seed germination. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 2902-7	5.7	42
148	Ophiobolin E and 8-epi-ophiobolin J produced by <i>Drechslera gigantea</i> , a potential mycoherbicide of weedy grasses. <i>Phytochemistry</i> , 2006 , 67, 2281-7	4	42
147	Metabolomics using 1H-NMR of apoptosis and Necrosis in HL60 leukemia cells: differences between the two types of cell death and independence from the stimulus of apoptosis used. <i>Radiation Research</i> , 2008 , 169, 170-80	3.1	41
146	Trigoxazonane, a monosubstituted trioxazonane from <i>Trigonella foenum-graecum</i> root exudate, inhibits <i>Orobanche crenata</i> seed germination. <i>Phytochemistry</i> , 2007 , 68, 2487-92	4	41
145	Diplopyrone, a new phytotoxic tetrahydropyranpyran-2-one produced by <i>Diplodia mutila</i> , a fungus pathogen of cork oak. <i>Journal of Natural Products</i> , 2003 , 66, 313-5	4.9	41
144	Bioactive conformation of linear peptides in solution: an elusive goal?. <i>Biopolymers</i> , 1989 , 28, 91-107	2.2	40

143	A ¹ H NMR study of human calcitonin in solution. <i>Biochemistry</i> , 1991 , 30, 2364-71	3.2	40
142	Sequential ¹ H NMR assignment and secondary structure determination of salmon calcitonin in solution. <i>Biochemistry</i> , 1989 , 28, 7996-8002	3.2	39
141	Nuclear magnetic resonance-based metabolomics discriminates primary ciliary dyskinesia from cystic fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 229-33	10.2	38
140	Exploring airway diseases by NMR-based metabolomics: a review of application to exhaled breath condensate. <i>Journal of Biomedicine and Biotechnology</i> , 2011 , 2011, 403260		38
139	Ascaulitoxin, a phytotoxic bis-amino acid N-glucoside from <i>Ascochyta caulina</i> . <i>Phytochemistry</i> , 1998 , 48, 1131-1137	4	38
138	Multiple conformations and proline cis-trans isomerization in salmon calcitonin: a combined nuclear magnetic resonance, distance geometry, and molecular mechanics study. <i>Biochemistry</i> , 1994 , 33, 10754-62	2.2	38
137	Phyllostictines AD, oxazatricycloalkenones produced by <i>Phyllosticta cirsii</i> , a potential mycoherbicide for <i>Cirsium arvense</i> biocontrol. <i>Tetrahedron</i> , 2008 , 64, 1612-1619	2.4	37
136	Milk identification of different species: ¹³ C-NMR spectroscopy of triacylglycerols from cows and buffaloes. <i>Journal of Dairy Science</i> , 2000 , 83, 2432-7	4	37
135	Monitoring real-time metabolism of living cells by fast two-dimensional NMR spectroscopy. <i>Analytical Chemistry</i> , 2010 , 82, 2405-11	7.8	36
134	The cytoplasmic tail of invariant chain regulates endosome fusion and morphology. <i>Molecular Biology of the Cell</i> , 2002 , 13, 1846-56	3.5	36
133	MG-63 human osteosarcoma cells grown in monolayer and as three-dimensional tumor spheroids present a different metabolic profile: a (¹ H) NMR study. <i>FEBS Letters</i> , 2004 , 557, 148-54	3.8	35
132	The relationship between ¹ H-NMR mobile lipid intensity and cholesterol in two human tumor multidrug resistant cell lines (MCF-7 and LoVo). <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2001 , 1531, 111-31	5	35
131	Alternethanoxins A and B, polycyclic ethanones produced by <i>Alternaria sonchi</i> , potential mycoherbicides for <i>Sonchus arvensis</i> biocontrol. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 6656-60	5.7	34
130	The preferred conformation of the tripeptide Ala-Phe-Ala in water is an inverse gamma-turn: implications for protein folding and drug design. <i>Biochemistry</i> , 2005 , 44, 14170-8	3.2	34
129	Sapinofuranones A and B, two new 2(3H)-dihydrofuranones produced by <i>sphaeropsis sapinea</i> , a common pathogen of conifers. <i>Journal of Natural Products</i> , 1999 , 62, 253-6	4.9	34
128	Trans-4-aminoproline, a phytotoxic metabolite with herbicidal activity produced by <i>Ascochyta caulina</i> . <i>Phytochemistry</i> , 2000 , 53, 231-7	4	33
127	Conformational analysis of an opioid peptide in solvent media that mimic cytoplasm viscosity. <i>Biopolymers</i> , 1992 , 32, 367-72	2.2	32
126	Sphaeropsidone and episphaeropsidone, phytotoxic dimedone methylethers produced by <i>Sphaeropsis sapinea</i> f. sp. <i>Cupressi</i> grown in liquid culture. <i>Phytochemistry</i> , 1998 , 48, 1139-1143	4	31

125	Phyllostoxin and phyllostin, bioactive metabolites produced by <i>Phyllosticta cirsii</i> , a potential mycoherbicide for <i>Cirsium arvense</i> biocontrol. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 884-897	5.7	31
124	A left-handed alpha-helix containing both L- and D-amino acids: the solution structure of the antimicrobial lipodepsipeptide tolaasin. <i>Proteins: Structure, Function and Bioinformatics</i> , 2003 , 52, 534-543	4.2	30
123	Recent Advances on Nitric Oxide in the Upper Airways. <i>Current Medicinal Chemistry</i> , 2016 , 23, 2736-2745	4.3	30
122	Cytochalasins Z4, Z5, and Z6, three new 24-Oxa[14]cytochalasans produced by <i>Phoma exigua</i> var. heteromorpha. <i>Journal of Natural Products</i> , 2003 , 66, 1540-4	4.9	29
121	Conformational flexibility in calcitonin: the dynamic properties of human and salmon calcitonin in solution. <i>Journal of Biomolecular NMR</i> , 1999 , 13, 161-74	3	29
120	Diplobifuranylonones A and B, 5Smonosubstituted tetrahydro-2H-bifuranyl-5-ones produced by <i>Diplodia corticola</i> , a fungus pathogen of cork oak. <i>Journal of Natural Products</i> , 2006 , 69, 671-4	4.9	28
119	Nobilisatine a and B, two masanane-type alkaloids from <i>Clivia nobilis</i> fn1. <i>Phytochemistry</i> , 1999 , 51, 1151-1155	4.1	28
118	A Calmodulin-binding Sequence in the C-terminus of Human Cardiac Titin Kinase. <i>FEBS Journal</i> , 1995 , 230, 752-759		28
117	Conformation-activity relationship of tachykinin neurokinin A (4-10) and of some [Xaa8] analogues. <i>Biochemistry</i> , 1991 , 30, 10175-81	3.2	28
116	¹³ C NMR spectra of TAG: An easy way to distinguish milks from different animal species. <i>JAOCs, Journal of the American Oil Chemists Society</i> , 2002 , 79, 123-127	1.8	27
115	Neuroendocrine Transdifferentiation in Human Prostate Cancer Cells: An Integrated Approach. <i>Cancer Research</i> , 2015 , 75, 2975-86	10.1	26
114	Afritoxinones A and B, dihydrofuropyran-2-ones produced by <i>Diplodia africana</i> the causal agent of branch dieback on <i>Juniperus phoenicea</i> . <i>Phytochemistry</i> , 2012 , 77, 245-50	4	26
113	A 500 MHz study of peptide T in a DMSO solution. <i>FEBS Letters</i> , 1988 , 231, 159-63	3.8	26
112	Differential diagnosis between newly diagnosed asthma and COPD using exhaled breath condensate metabolomics: a pilot study. <i>European Respiratory Journal</i> , 2018 , 51,	13.6	25
111	Agropyrenol, a phytotoxic fungal metabolite, and its derivatives: a structure-activity relationship study. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 1779-83	5.7	25
110	Chemical and biological characterisation of sapinopyridione, a phytotoxic 3,3,6-trisubstituted-2,4-pyridione produced by <i>Sphaeropsis sapinea</i> , a toxigenic pathogen of native and exotic conifers, and its derivatives. <i>Phytochemistry</i> , 2006 , 67, 1019-28	4	25
109	Rapid and sensitive NMR method for osmolyte determination. <i>Journal of Microbiological Methods</i> , 2004 , 58, 289-94	2.8	25
108	¹ H resonance assignment and secondary structure determination of the dimerization domain of transcription factor LFB1. <i>Biochemistry</i> , 1991 , 30, 148-53	3.2	25

107	Phytotoxic polyketides produced by <i>Phomopsis foeniculi</i> , a strain isolated from diseased Bulgarian fennel. <i>European Journal of Plant Pathology</i> , 2011 , 130, 173-182	2.1	24
106	Characterization of buffalo milk by ³¹ P-nuclear magnetic resonance spectroscopy. <i>Journal of Food Composition and Analysis</i> , 2006 , 19, 843-849	4.1	24
105	Drazeponone, a trisubstituted tetrahydronaphthofuroazepinone with herbicidal activity produced by <i>Drechslera siccans</i> . <i>Phytochemistry</i> , 2005 , 66, 715-21	4	24
104	Conformational analysis of peptide T and of its C-pentapeptide fragment. <i>Biopolymers</i> , 1989 , 28, 479-86	2.2	24
103	Nuclear Overhauser effects in linear peptides. A low-temperature 500 MHz study of Met-enkephalin. <i>FEBS Letters</i> , 1987 , 215, 215-8	3.8	24
102	Low temperature nmr studies of leu-enkephalins in cryoprotective solvents.. <i>Tetrahedron</i> , 1988 , 44, 975-990	2.2	24
101	Clinical metabolomics of exhaled breath condensate in chronic respiratory diseases. <i>Advances in Clinical Chemistry</i> , 2019 , 88, 121-149	5.8	24
100	Enhancement of hepatic autophagy increases ureagenesis and protects against hyperammonemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 391-396	11.5	23
99	Converting the highly amyloidogenic human calcitonin into a powerful fibril inhibitor by three-dimensional structure homology with a non-amyloidogenic analogue. <i>Journal of Biological Chemistry</i> , 2011 , 286, 2707-18	5.4	23
98	Agropyrenol and agropyrenal, phytotoxins from <i>Ascochyta agropyrina</i> var. <i>nana</i> , a fungal pathogen of <i>Elitrigia repens</i> . <i>Phytochemistry</i> , 2012 , 79, 102-8	4	22
97	Sphaeropsidins D and E, two other pimarane diterpenes, produced in vitro by the plant pathogenic fungus <i>Sphaeropsis sapinea</i> f. sp. <i>cupressi</i> . <i>Phytochemistry</i> , 2002 , 59, 817-23	4	22
96	Sphaeropsidones, phytotoxic dimedone methyl ethers produced by <i>Diplodia cupressi</i> : a structure-activity relationship study. <i>Journal of Natural Products</i> , 2011 , 74, 757-63	4.9	21
95	Cyclic hexapeptides related to somatostatin. Conformational analysis employing ¹ H-NMR and molecular dynamics. <i>International Journal of Peptide and Protein Research</i> , 1990 , 36, 418-32		21
94	Persistent Endothelial Dysfunction in Post-Acute COVID-19 Syndrome: A Case-Control Study. <i>Biomedicines</i> , 2021 , 9,	4.8	21
93	Solution structure of human calcitonin in membrane-mimetic environment: the role of the amphipathic helix. <i>Proteins: Structure, Function and Bioinformatics</i> , 1998 , 32, 314-23	4.2	21
92	NADP(+)-dependent dehydrogenase activity of carbonyl reductase on glutathionylhydroxynonanal as a new pathway for hydroxynonanal detoxification. <i>Free Radical Biology and Medicine</i> , 2015 , 83, 66-76	7.8	19
91	Fractional Exhaled Nitric Oxide (FENO) in the management of asthma: a position paper of the Italian Respiratory Society (SIP/IRS) and Italian Society of Allergy, Asthma and Clinical Immunology (SIAAIC). <i>Multidisciplinary Respiratory Medicine</i> , 2020 , 15, 36	3	19
90	Biomimetic hydroxyapatite nanocrystals are an active carrier for bacteriophages. <i>International Journal of Nanomedicine</i> , 2019 , 14, 2219-2232	7.3	18

89	Seasonal changes in the metabolic fingerprint of <i>Juniperus communis</i> L. berry extracts by ¹ H NMR-based metabolomics. <i>Metabolomics</i> , 2014 , 10, 165-174	4.7	18
88	Modulating calcitonin fibrillogenesis: an antiparallel alpha-helical dimer inhibits fibrillation of salmon calcitonin. <i>Journal of Biological Chemistry</i> , 2004 , 279, 6364-70	5.4	18
87	Dynamic properties of salmon calcitonin bound to sodium dodecyl sulfate micelles: a restrained molecular dynamics study from NMR data. <i>Journal of Biomolecular NMR</i> , 1992 , 2, 335-48	3	18
86	Seiricardines B and C, phytotoxic sesquiterpenes from three species of <i>Seiridium</i> pathogenic for cypress. <i>Phytochemistry</i> , 1993 , 33, 69-78	4	18
85	NOE measurements on linear peptides in cryoprotective aqueous mixtures. <i>Journal of Magnetic Resonance</i> , 1987 , 75, 364-370		18
84	Kringle 4 from human plasminogen: ¹ H-nuclear magnetic resonance study of the interactions between amino acid ligands and aromatic residues at the lysine-binding site. <i>Journal of Biosciences</i> , 1985 , 8, 121-139	2.3	18
83	A new triple-stranded alpha-helical bundle in solution: the assembling of the cytosolic tail of MHC-associated invariant chain. <i>Structure</i> , 1997 , 5, 1453-64	5.2	16
82	Ascocochine, the enol tautomer of 4-pyridylpyruvic acid with herbicidal activity produced by <i>Ascochyta sonchi</i> . <i>Phytochemistry</i> , 2004 , 65, 475-80	4	16
81	Viscosity as a conformational sieve. NOE of linear peptides in cryoprotective mixtures. <i>Journal of Magnetic Resonance</i> , 1991 , 95, 201-207		16
80	Macro- and micro-stabilities of the kringle 4 domain from plasminogen. The effect of ligand binding. <i>Biophysical Journal</i> , 1985 , 48, 411-22	2.9	16
79	Differential reactivity of purified bioactive coffee furans, cafestol and kahweol, with acidic nitrite: product characterization and factors controlling nitrosation versus ring-opening pathways. <i>Chemical Research in Toxicology</i> , 2009 , 22, 1922-8	4	15
78	Long-term effect of weight loss induced by bariatric surgery on asthma control and health related quality of life in asthmatic patients with severe obesity: A pilot study. <i>Respiratory Medicine</i> , 2017 , 130, 69-74	4.6	14
77	Clinical and Inflammatory Phenotyping: Can Electronic Nose and NMR-based Metabolomics Work at the Bedside?. <i>Archives of Medical Research</i> , 2018 , 49, 74-76	6.6	14
76	The hypothesis that <i>Helicobacter pylori</i> predisposes to Alzheimer's disease is biologically plausible. <i>Scientific Reports</i> , 2017 , 7, 7817	4.9	14
75	A new time-domain frequency-selective quantification algorithm. <i>Journal of Magnetic Resonance</i> , 2002 , 155, 226-35	3	14
74	High resolution ¹³ C NMR detection of short- and medium-chain synthetic triacylglycerols used in butterfat adulteration. <i>European Journal of Lipid Science and Technology</i> , 2013 , 115, 858-864	3	13
73	Increases in ¹ H-NMR mobile lipids are not always associated with overt apoptosis: evidence from MG-63 human osteosarcoma three-dimensional spheroids exposed to a low dose (2 Gy) of ionizing radiation. <i>Radiation Research</i> , 2006 , 165, 131-41	3.1	13
72	Clinical Assessment of Endothelial Function in Convalescent COVID-19 Patients Undergoing Multidisciplinary Pulmonary Rehabilitation. <i>Biomedicine</i> , 2021 , 9,	4.8	13

71	Environmental fine particulate matter (PM 2.5) activates the RAW 264.7 macrophage cell line even at very low concentrations as revealed by ¹ H NMR. <i>Chemical Research in Toxicology</i> , 2004 , 17, 63-74	4	12
70	Comparison of three different exhaled nitric oxide analyzers in chronic respiratory disorders. <i>Journal of Breath Research</i> , 2019 , 13, 021002	3.1	11
69	Inflammatory metabolites in exhaled breath condensate characterize the obese respiratory phenotype. <i>Metabolomics</i> , 2015 , 11, 1934-1939	4.7	11
68	Phomentrioloxin, a fungal phytotoxin with potential herbicidal activity, and its derivatives: a structure-activity relationship study. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 9645-9	5.7	11
67	Sphaeropsidin F, a New Pimarane Diterpene Produced in Vitro by the Cypress Pathogen <i>Sphaeropsis sapinea</i> f. sp. <i>Cupressi</i> . <i>Australian Journal of Chemistry</i> , 2003 , 56, 615	1.2	11
66	Blood biomarkers indicate that the preclinical stages of Alzheimer's disease present overlapping molecular features. <i>Scientific Reports</i> , 2020 , 10, 15612	4.9	11
65	Monitoring liver alterations during hepatic tumorigenesis by NMR profiling and pattern recognition. <i>Metabolomics</i> , 2010 , 6, 405-416	4.7	10
64	Temporal dynamics of ¹ H-NMR-visible metabolites during radiation-induced apoptosis in MG-63 human osteosarcoma spheroids. <i>Radiation Research</i> , 2006 , 166, 734-45	3.1	10
63	Viridenepoxydiol, a new pentasubstituted oxiranyldecene produced by <i>Trichoderma viride</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 6588-92	5.7	10
62	A 700 MHz ¹ H-NMR study reveals apoptosis-like behavior in human K562 erythroleukemic cells exposed to a 50 Hz sinusoidal magnetic field. <i>International Journal of Radiation Biology</i> , 2005 , 81, 97-113 ^{2.9}	2.9	10
61	An In Vitro Model to Investigate the Role of in Type 2 Diabetes, Obesity, Alzheimer's Disease and Cardiometabolic Disease. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
60	D2A sequence of the urokinase receptor induces cell growth through $\alpha 5 \beta 1$ integrin and EGFR. <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 1889-1907	10.3	10
59	Low alveolar and bronchial nitric oxide in severe uncomplicated obesity. <i>Obesity Research and Clinical Practice</i> , 2015 , 9, 603-8	5.4	9
58	Plant Dynamic Metabolic Response to Bacteriophage Treatment After pv. Infection. <i>Frontiers in Microbiology</i> , 2020 , 11, 732	5.7	9
57	Metabolomic Analysis by Nuclear Magnetic Resonance Spectroscopy as a New Approach to Understanding Inflammation and Monitoring of Pharmacological Therapy in Children and Young Adults With Cystic Fibrosis. <i>Frontiers in Pharmacology</i> , 2018 , 9, 595	5.6	9
56	Metabolite variation in three edible Italian <i>Allium cepa</i> L. by NMR-based metabolomics: a comparative study in fresh and stored bulbs. <i>Metabolomics</i> , 2019 , 15, 105	4.7	9
55	In vivo NMR metabolic profiling of <i>Fabrea salina</i> reveals sequential defense mechanisms against ultraviolet radiation. <i>Biophysical Journal</i> , 2011 , 100, 215-24	2.9	9
54	Phomachalasin AD, 26-oxa[16] and [15]cytochalasins produced by <i>Phoma exigua</i> var. <i>exigua</i> , a potential mycoherbicide for <i>Cirsium arvense</i> biocontrol. <i>Tetrahedron</i> , 2011 , 67, 1557-1563	2.4	9

53	An Innovative Approach to Control -Induced Persistent Inflammation and Colonization. <i>Microorganisms</i> , 2020 , 8,	4.9	9
52	Nuclear magnetic resonance-based metabolomics in respiratory medicine. <i>European Respiratory Journal</i> , 2018 , 52,	13.6	8
51	Effect of low density lipoprotein fatty acid composition on copper-induced peroxidation: 1H-nuclear magnetic resonance analysis. <i>Clinica Chimica Acta</i> , 1997 , 258, 193-200	6.2	8
50	Probing protein structure by solvent perturbation of NMR spectra. II. Determination of surface and buried residues in homologous proteins. <i>Biopolymers</i> , 1993 , 33, 839-46	2.2	8
49	Proton magnetic resonance study of kringle 1 from human plasminogen. Insights into the domain structure.. <i>Journal of Biological Chemistry</i> , 1986 , 261, 13684-13692	5.4	8
48	Interaction between MyD88, TIRAP and IL1RL1 against Helicobacter pylori infection. <i>Scientific Reports</i> , 2020 , 10, 15831	4.9	8
47	Two distinct calcium-calmodulin interactions with N-terminal regions of the olfactory and rod cyclic nucleotide-gated channels characterized by NMR spectroscopy. <i>FEBS Letters</i> , 2003 , 548, 11-6	3.8	7
46	Forced adhesive growth of K562 leukemic cells that normally grow in suspension induces variations in membrane lipids and energy metabolism: a proton NMR study. <i>Journal of Biomedical Materials Research Part B</i> , 1999 , 46, 171-8		7
45	Exhaled and nasal nitric oxide measurement in the evaluation of chronic cough. <i>Nitric Oxide - Biology and Chemistry</i> , 2019 , 83, 19-23	5	7
44	Bacteriophages Promote Metabolic Changes in Bacteria Biofilm. <i>Microorganisms</i> , 2020 , 8,	4.9	7
43	Biomonitoring of workers using nuclear magnetic resonance-based metabolomics of exhaled breath condensate: A pilot study. <i>Toxicology Letters</i> , 2018 , 298, 4-12	4.4	7
42	Clinical application of nasal nitric oxide measurement in allergic rhinitis: A systematic review and meta-analysis. <i>Annals of Allergy, Asthma and Immunology</i> , 2020 , 125, 447-459.e5	3.2	6
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