

Andrea Motta

List of Publications by Year in descending order

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185
papers

5,501
citations

61945

43
h-index

133188

59
g-index

203
all docs

203
docs citations

203
times ranked

5843
citing authors

#	ARTICLE	IF	CITATIONS
1	NMR spectroscopy metabolomic profiling of exhaled breath condensate in patients with stable and unstable cystic fibrosis. <i>Thorax</i> , 2012, 67, 222-228.	2.7	157
2	Metabonomic analysis of exhaled breath condensate in adults by nuclear magnetic resonance spectroscopy. <i>European Respiratory Journal</i> , 2008, 32, 1175-1183.	3.1	133
3	Synthesis and characterization of a novel alginate-poly(ethylene glycol) graft copolymer. <i>Carbohydrate Polymers</i> , 2005, 62, 274-282.	5.1	115
4	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, 6957-6960.	2.4	109
5	Separating Smoking-Related Diseases Using NMR-Based Metabolomics of Exhaled Breath Condensate. <i>Journal of Proteome Research</i> , 2013, 12, 1502-1511.	1.8	98
6	Topology of the calmodulin-melittin complex 1 Edited by P.E. Wright. <i>Journal of Molecular Biology</i> , 1998, 277, 945-958.	2.0	90
7	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, 31-34.	1.5	85
8	Nuclear magnetic resonance-based metabolomics of exhaled breath condensate: methodological aspects. <i>European Respiratory Journal</i> , 2012, 39, 498-500.	3.1	85
9	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, 10444-10450.	1.2	83
10	($\hat{\alpha}$)-Amarbellisine, a lycorine-type alkaloid from <i>Amaryllis belladonna</i> L. growing in Egypt. <i>Phytochemistry</i> , 2004, 65, 2113-2118.	1.4	75
11	Probing protein structure by solvent perturbation of nuclear magnetic resonance spectra. <i>Journal of Molecular Biology</i> , 1992, 224, 659-670.	2.0	73
12	Two non-psychoactive cannabinoids reduce intracellular lipid levels and inhibit hepatosteatosis. <i>Journal of Hepatology</i> , 2015, 62, 1382-1390.	1.8	73
13	Conformational preferences of [Leu5]enkephalin in biomimetic media. Investigation by ^1H NMR. <i>FEBS Journal</i> , 1990, 192, 433-439.	0.2	70
14	Coexistence of obesity and asthma determines a distinct respiratory metabolic phenotype. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1536-1547.e5.	1.5	70
15	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, 6309-6314.	3.3	68
16	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, 1897-1901.	1.5	68
17	Electronic Nose and Exhaled Breath NMR-based Metabolomics Applications in Airways Disease. <i>Current Topics in Medicinal Chemistry</i> , 2016, 16, 1610-1630.	1.0	65
18	Cytochalasins Z1, Z2 and Z3, three 24-oxa[14]cytochalasans produced by <i>Pyrenophora semeniperda</i> . <i>Phytochemistry</i> , 2002, 60, 45-53.	1.4	63

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19	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.	1.4	62
20	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.	1.5	62
21	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.	1.4	61
22	Brefeldin A and \pm , $\hat{1}$, $\hat{2}$ -dehydrocurvularin, two phytotoxins from <i>Alternaria zinniae</i> , a biocontrol agent of <i>Xanthium occidentale</i> . <i>Plant Science</i> , 1998, 138, 67-79.	1.7	61
23	Persistent Endothelial Dysfunction in Post-Acute COVID-19 Syndrome: A Case-Control Study. <i>Biomedicines</i> , 2021, 9, 957.	1.4	61
24	NMR Metabolomic Analysis of Exhaled Breath Condensate of Asthmatic Patients at Two Different Temperatures. <i>Journal of Proteome Research</i> , 2014, 13, 6107-6120.	1.8	56
25	Vitamin C and l-Proline Antagonistic Effects Capture Alternative States in the Pluripotency Continuum. <i>Stem Cell Reports</i> , 2017, 8, 1-10.	2.3	56
26	Complete assignment of the aromatic proton magnetic resonance spectrum of the kringle 1 domain from human plasminogen: the structure of the ligand-binding site. <i>Biochemistry</i> , 1987, 26, 3827-3836.	1.2	52
27	Peagol and peagoldione, two new strigolactone-like metabolites isolated from pea root exudates. <i>Tetrahedron Letters</i> , 2009, 50, 6955-6958.	0.7	52
28	Exploring Airway Diseases by NMR-Based Metabonomics: A Review of Application to Exhaled Breath Condensate. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-7.	3.0	52
29	Structural Determinants of Salmon Calcitonin Bioactivity. <i>Journal of Biological Chemistry</i> , 2006, 281, 24193-24203.	1.6	50
30	Ophiobolin E and 8-epi-ophiobolin J produced by <i>Drechslera gigantea</i> , a potential mycoherbicide of weedy grasses. <i>Phytochemistry</i> , 2006, 67, 2281-2287.	1.4	49
31	Trigoxazonane, a monosubstituted trioxazonane from <i>Trigonella foenum-graecum</i> root exudate, inhibits <i>Orobanche crenata</i> seed germination. <i>Phytochemistry</i> , 2007, 68, 2487-2492.	1.4	49
32	Polyphenols, Including the New Peapolyphenols $A\hat{a}^{13}C$, from Pea Root Exudates Stimulate <i>Orobanche foetida</i> Seed Germination. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 2902-2907.	2.4	49
33	Recent Advances on Nitric Oxide in the Upper Airways. <i>Current Medicinal Chemistry</i> , 2016, 23, 2736-2745.	1.2	47
34	Bioactive conformation of linear peptides in solution: An elusive goal?. <i>Biopolymers</i> , 1989, 28, 91-107.	1.2	46
35	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, 313-315.	1.5	46
36	Nuclear Magnetic Resonance $\hat{a}^{13}C$ -based Metabolomics Discriminates Primary Ciliary Dyskinesia from Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 229-233.	2.5	46

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37	Clinical metabolomics of exhaled breath condensate in chronic respiratory diseases. <i>Advances in Clinical Chemistry</i> , 2019, 88, 121-149.	1.8	46
38	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, 27165-27171.	1.6	45
39	Milk Identification of Different Species: ¹³ C-NMR Spectroscopy of Triacylglycerols from Cows and Buffaloes's Milks. <i>Journal of Dairy Science</i> , 2000, 83, 2432-2437.	1.4	45
40	Metabolomics Using ¹ H-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, 170-180.	0.7	45
41	Phyllostictines A-D, oxazatricycloalkenones produced by <i>Phyllosticta cirsii</i> , a potential mycoherbicide for <i>Cirsium arvense</i> biocontrol. <i>Tetrahedron</i> , 2008, 64, 1612-1619.	1.0	44
42	Monitoring Real-Time Metabolism of Living Cells by Fast Two-Dimensional NMR Spectroscopy. <i>Analytical Chemistry</i> , 2010, 82, 2405-2411.	3.2	44
43	A proton NMR study of human calcitonin in solution. <i>Biochemistry</i> , 1991, 30, 2364-2371.	1.2	43
44	SDS-resistant Active and Thermostable Dimers Are Obtained from the Dissociation of Homotetrameric β -2-Glycosidase from Hyperthermophilic <i>Sulfolobus solfataricus</i> in SDS. <i>Journal of Biological Chemistry</i> , 2002, 277, 44050-44060.	1.6	43
45	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, 148-154.	1.3	43
46	Ascaulitoxin, a phytotoxic bis-amino acid N-glucoside from <i>Ascochyta caulina</i> . <i>Phytochemistry</i> , 1998, 48, 1131-1137.	1.4	42
47	Differential diagnosis between newly diagnosed asthma and COPD using exhaled breath condensate metabolomics: a pilot study. <i>European Respiratory Journal</i> , 2018, 51, 1701825.	3.1	42
48	Sequential proton NMR assignment and secondary structure determination of salmon calcitonin in solution. <i>Biochemistry</i> , 1989, 28, 7996-8002.	1.2	41
49	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, 253-256.	1.5	41
50	The Cytoplasmic Tail of Invariant Chain Regulates Endosome Fusion and Morphology. <i>Molecular Biology of the Cell</i> , 2002, 13, 1846-1856.	0.9	41
51	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, 10754-10762.	1.2	40
52	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, 111-131.	1.2	40
53	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, 6656-6660.	2.4	40
54	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.	0.6	40

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55	Neuroendocrine Transdifferentiation in Human Prostate Cancer Cells: An Integrated Approach. <i>Cancer Research</i> , 2015, 75, 2975-2986.	0.4	39
56	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.	3.3	39
57	A left-handed α -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.	1.5	38
58	A Calmodulin-binding Sequence in the C-terminus of Human Cardiac Titin Kinase. <i>FEBS Journal</i> , 1995, 230, 752-759.	0.2	37
59	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.	1.4	36
60	Trans-4-aminoproline, a phytotoxic metabolite with herbicidal activity produced by <i>Ascochyta caulina</i> . <i>Phytochemistry</i> , 2000, 53, 231-237.	1.4	36
61	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, 884-888.	2.4	35
62	Conformational analysis of an opioid peptide in solvent media that mimic cytoplasm viscosity. <i>Biopolymers</i> , 1992, 32, 367-372.	1.2	34
63	Conformational flexibility in calcitonin: the dynamic properties of human and salmon calcitonin in solution. <i>Journal of Biomolecular NMR</i> , 1999, 13, 161-174.	1.6	34
64	The Preferred Conformation of the Tripeptide Ala-Phe-Ala in Water Is an Inverse β -Turn: Implications for Protein Folding and Drug Design. <i>Biochemistry</i> , 2005, 44, 14170-14178.	1.2	34
65	Nobilisitin a and B, two masanane-type alkaloids from <i>Clivia nobilis</i> f1. <i>Phytochemistry</i> , 1999, 51, 1151-1155.	1.4	33
66	13 C NMR spectra of TAG: An easy way to distinguish milks from different animal species. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2002, 79, 123-127.	0.8	33
67	Endothelial Dysfunction in COVID-19: A Unifying Mechanism and a Potential Therapeutic Target. <i>Biomedicines</i> , 2022, 10, 812.	1.4	33
68	Role of Branched-Chain Amino Acid Metabolism in Type 2 Diabetes, Obesity, Cardiovascular Disease and Non-Alcoholic Fatty Liver Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4325.	1.8	33
69	Diplobifuranylonones A and B, 5- β -Monosubstituted 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, 671-674.	1.5	32
70	Agropyrenol, a Phytotoxic Fungal Metabolite, and Its Derivatives: A Structure-Activity Relationship Study. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 1779-1783.	2.4	31
71	Cytochalasins Z4, Z5, and Z6, Three New 24-Oxa[14]cytochalasans Produced by <i>Phoma exigua</i> var. <i>heteromorpha</i> . <i>Journal of Natural Products</i> , 2003, 66, 1540-1544.	1.5	30
72	Drazepinone, a trisubstituted tetrahydronaphthofuroazepinone with herbicidal activity produced by <i>Drechslera siccans</i> . <i>Phytochemistry</i> , 2005, 66, 715-721.	1.4	30

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73	A 500 MHz study of peptide T in a DMSO solution. <i>FEBS Letters</i> , 1988, 231, 159-163.	1.3	29
74	Viscosity as a conformational sieve. NOE of linear peptides in cryoprotective mixtures. <i>Journal of Magnetic Resonance</i> , 1991, 95, 201-207.	0.5	29
75	Rapid and sensitive NMR method for osmolyte determination. <i>Journal of Microbiological Methods</i> , 2004, 58, 289-294.	0.7	29
76	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, 1019-1028.	1.4	29
77	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.	0.8	29
78	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, 2707-2718.	1.6	29
79	Afritoxinones A and B, dihydrofuopyran-2-ones produced by <i>Diplodia africana</i> the causal agent of branch dieback on <i>Juniperus phoenicea</i> . <i>Phytochemistry</i> , 2012, 77, 245-250.	1.4	29
80	Low temperature nmr studies of leu-enkephalins in cryoprotective solvents.. <i>Tetrahedron</i> , 1988, 44, 975-990.	1.0	28
81	Conformation-activity relationship of tachykinin neurokinin A(4-10) and of some [Xaa8] analogs. <i>Biochemistry</i> , 1991, 30, 10175-10181.	1.2	28
82	Characterization of buffalo milk by 31P-nuclear magnetic resonance spectroscopy. <i>Journal of Food Composition and Analysis</i> , 2006, 19, 843-849.	1.9	28
83	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, 817-823.	1.4	27
84	Agropyrenol and agropyrenal, phytotoxins from <i>Ascochyta agropyrina</i> var. <i>nana</i> , a fungal pathogen of <i>Elytrigia repens</i> . <i>Phytochemistry</i> , 2012, 79, 102-108.	1.4	27
85	Seasonal changes in the metabolic fingerprint of <i>Juniperus communis</i> L. berry extracts by 1H NMR-based metabolomics. <i>Metabolomics</i> , 2014, 10, 165-174.	1.4	27
86	<p>Biomimetic hydroxyapatite nanocrystals are an active carrier for Salmonella bacteriophages<p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2219-2232.	3.3	27
87	Clinical Assessment of Endothelial Function in Convalescent COVID-19 Patients Undergoing Multidisciplinary Pulmonary Rehabilitation. <i>Biomedicines</i> , 2021, 9, 614.	1.4	27
88	Proton resonance assignment and secondary structure determination of the dimerization domain of transcription factor LFB1. <i>Biochemistry</i> , 1991, 30, 148-153.	1.2	26
89	Nuclear Overhauser effects in linear peptides A low-temperature 500 MHz study of Met-enkephalin. <i>FEBS Letters</i> , 1987, 215, 215-218.	1.3	25
90	Plant Dynamic Metabolic Response to Bacteriophage Treatment After <i>Xanthomonas campestris</i> pv. <i>campestris</i> Infection. <i>Frontiers in Microbiology</i> , 2020, 11, 732.	1.5	25

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91	NOE measurements on linear peptides in cryoprotective aqueous mixtures. <i>Journal of Magnetic Resonance</i> , 1987, 75, 364-370.	0.5	24
92	Conformational analysis of peptide T and of its C-pentapeptide fragment. <i>Biopolymers</i> , 1989, 28, 479-486.	1.2	24
93	Sphaeropsidones, Phytotoxic Dimedone Methyl Ethers Produced by <i>Diplodia cupressi</i> : A Structure-Activity Relationship Study. <i>Journal of Natural Products</i> , 2011, 74, 757-763.	1.5	24
94	The hypothesis that <i>Helicobacter pylori</i> predisposes to Alzheimer's disease is biologically plausible. <i>Scientific Reports</i> , 2017, 7, 7817.	1.6	24
95	Mechanisms and Clinical Implications of Endothelial Dysfunction in Arterial Hypertension. <i>Journal of Cardiovascular Development and Disease</i> , 2022, 9, 136.	0.8	24
96	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, 418-432.	0.1	23
97	Blood biomarkers indicate that the preclinical stages of Alzheimer's disease present overlapping molecular features. <i>Scientific Reports</i> , 2020, 10, 15612.	1.6	23
98	Seiricardines B and C, phytotoxic sesquiterpenes from three species of <i>Seiridium</i> pathogenic for cypress. <i>Phytochemistry</i> , 1993, 33, 69-78.	1.4	22
99	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.	1.3	22
100	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.	1.5	21
101	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.	1.3	20
102	Kringle 4 from human plasminogen: 1H-nuclear magnetic resonance study of the interactions between ¹⁵ N-amino acid ligands and aromatic residues at the lysine-binding site. <i>Journal of Biosciences</i> , 1985, 8, 121-139.	0.5	19
103	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, 335-348.	1.6	19
104	A new triple-stranded α -helical bundle in solution: the assembling of the cytosolic tail of MHC-associated invariant chain. <i>Structure</i> , 1997, 5, 1453-1464.	1.6	19
105	Modulating Calcitonin Fibrillogenesis. <i>Journal of Biological Chemistry</i> , 2004, 279, 6364-6370.	1.6	19
106	An Innovative Approach to Control <i>H. pylori</i> -Induced Persistent Inflammation and Colonization. <i>Microorganisms</i> , 2020, 8, 1214.	1.6	19
107	Nasal Nitric Oxide in Chronic Rhinosinusitis with or without Nasal Polyps: A Systematic Review with Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2020, 9, 200.	1.0	19
108	Ascocochine, the enol tautomer of 4-pyridylpyruvic acid with herbicidal activity produced by <i>Ascochyta sonchi</i> . <i>Phytochemistry</i> , 2004, 65, 475-480.	1.4	18

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109	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.	1.4	18
110	Macro- and micro-stabilities of the kringle 4 domain from plasminogen. The effect of ligand binding. <i>Biophysical Journal</i> , 1985, 48, 411-422.	0.2	17
111	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, 131-141.	0.7	17
112	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, 1922-1928.	1.7	17
113	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.	1.5	17
114	An In Vitro Model to Investigate the Role of <i>Helicobacter pylori</i> in Type 2 Diabetes, Obesity, Alzheimer's Disease and Cardiometabolic Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8369.	1.8	17
115	High resolution ¹³ C/ ¹ H 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.	1.0	16
116	Nuclear magnetic resonance-based metabolomics in respiratory medicine. <i>European Respiratory Journal</i> , 2018, 52, 1801107.	3.1	16
117	Comparison of three different exhaled nitric oxide analyzers in chronic respiratory disorders. <i>Journal of Breath Research</i> , 2019, 13, 021002.	1.5	16
118	Beclin-1-mediated activation of autophagy improves proximal and distal urea cycle disorders. <i>EMBO Molecular Medicine</i> , 2021, 13, e13158.	3.3	16
119	A New Time-Domain Frequency-Selective Quantification Algorithm. <i>Journal of Magnetic Resonance</i> , 2002, 155, 226-235.	1.2	15
120	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.	0.5	14
121	Temporal Dynamics of ¹ H-NMR-Visible Metabolites during Radiation-Induced Apoptosis in MG-63 Human Osteosarcoma Spheroids. <i>Radiation Research</i> , 2006, 166, 734-745.	0.7	14
122	Metabolomics of exhaled breath condensate: a means for phenotyping respiratory diseases?. <i>Biomarkers in Medicine</i> , 2017, 11, 405-407.	0.6	14
123	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.	1.6	14
124	Clinical application of nasal nitric oxide measurement in allergic rhinitis. <i>Annals of Allergy, Asthma and Immunology</i> , 2020, 125, 447-459.e5.	0.5	14
125	Inflammatory metabolites in exhaled breath condensate characterize the obese respiratory phenotype. <i>Metabolomics</i> , 2015, 11, 1934-1939.	1.4	13
126	D2A sequence of the urokinase receptor induces cell growth through α 2 β 3 integrin and EGFR. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 1889-1907.	2.4	13

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127	Proton magnetic resonance study of kringle 1 from human plasminogen. Insights into the domain structure.. Journal of Biological Chemistry, 1986, 261, 13684-13692.	1.6	13
128	Metabolomics of Exhaled Breath Condensate by Nuclear Magnetic Resonance Spectroscopy and Mass Spectrometry: A Methodological Approach. Current Medicinal Chemistry, 2020, 27, 2381-2399.	1.2	13
129	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. Chemical Research in Toxicology, 2004, 17, 63-74.	1.7	12
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