

# Martin C Grootveld

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7900163/publications.pdf>

Version: 2024-02-01

120  
papers

4,353  
citations

126907

33  
h-index

123424

61  
g-index

125  
all docs

125  
docs citations

125  
times ranked

4101  
citing authors

#	ARTICLE	IF	CITATIONS
1	Allopurinol and oxypurinol are hydroxyl radical scavengers. <i>FEBS Letters</i> , 1987, 213, 23-28.	2.8	350
2	Cyclodextrins as encapsulation agents for plant bioactive compounds. <i>Carbohydrate Polymers</i> , 2014, 101, 121-135.	10.2	346
3	The measurement of free radical reactions in humans. <i>FEBS Letters</i> , 1987, 213, 9-14.	2.8	293
4	Undesirable and adverse effects of tooth-whitening products: a review. <i>Clinical Oral Investigations</i> , 2010, 14, 1-10.	3.0	232
5	Methods for the Measurement of Hydroxyl Radicals in Biochemical Systems: Deoxyribose Degradation and Aromatic Hydroxylation. <i>Methods of Biochemical Analysis</i> , 2006, 33, 59-90.	0.2	207
6	Biologically significant scavenging of the myeloperoxidase-derived oxidant hypochlorous acid by ascorbic acid. <i>FEBS Letters</i> , 1987, 213, 15-17.	2.8	165
7	Cobalt(II) ion as a promoter of hydroxyl radical and possible "crypto-hydroxyl" radical formation under physiological conditions. Differential effects of hydroxyl radical scavengers. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1985, 843, 261-268.	2.4	148
8	The role of iron in ascorbate-dependent deoxyribose degradation. Evidence consistent with a site-specific hydroxyl radical generation caused by iron ions bound to the deoxyribose molecule. <i>Journal of Inorganic Biochemistry</i> , 1987, 29, 289-299.	3.5	140
9	2,3-Dihydroxybenzoic acid is a product of human aspirin metabolism. <i>Biochemical Pharmacology</i> , 1988, 37, 271-280.	4.4	90
10	An investigation of the abnormal metabolic status of synovial fluid from patients with rheumatoid arthritis by high field proton nuclear magnetic resonance spectroscopy. <i>FEBS Letters</i> , 1993, 317, 135-138.	2.8	89
11	Generation of lipid peroxidation products in culinary oils and fats during episodes of thermal stressing: A high field <sup>1</sup> H NMR study. <i>FEBS Letters</i> , 1994, 355, 81-90.	2.8	89
12	Aromatic hydroxylation of phenylalanine as an assay for hydroxyl radicals: Application to activated human neutrophils and to the heme protein leghemoglobin. <i>Analytical Biochemistry</i> , 1988, 172, 360-367.	2.4	84
13	A comparative evaluation of the metabolic profiles of normal and inflammatory knee-joint synovial fluids by high resolution proton NMR spectroscopy. <i>FEBS Letters</i> , 1993, 332, 221-225.	2.8	84
14	Progress in low-field benchtop NMR spectroscopy in chemical and biochemical analysis. <i>Analytica Chimica Acta</i> , 2019, 1067, 11-30.	5.4	82
15	Multicomponent analysis of encapsulated marine oil supplements using high-resolution <sup>1</sup> H and <sup>13</sup> C NMR techniques. <i>Journal of Lipid Research</i> , 2003, 44, 2406-2427.	4.2	75
16	Detection of Aldehydes and Their Conjugated Hydroperoxy Diene Precursors in Thermally-Stressed Culinary Oils and Fats: Investigations Using High Resolution Proton Nmr Spectroscopy. <i>Free Radical Research</i> , 1995, 22, 441-482.	3.3	74
17	Potential Adverse Public Health Effects Afforded by the Ingestion of Dietary Lipid Oxidation Product Toxins: Significance of Fried Food Sources. <i>Nutrients</i> , 2020, 12, 974.	4.1	71
18	An Aromatic Hydroxylation Assay for Hydroxyl Radicals Utilizing High-Performance Liquid Chromatography (HPLC). Use to Investigate the Effect of Edta on the Fenton Reaction. <i>Free Radical Research Communications</i> , 1986, 1, 243-250.	1.8	62

#	ARTICLE	IF	CITATIONS
19	Low-Field, Benchtop NMR Spectroscopy as a Potential Tool for Point-of-Care Diagnostics of Metabolic Conditions: Validation, Protocols and Computational Models. <i>High-Throughput</i> , 2019, 8, 2.	4.4	60
20	High-Resolution NMR and Magnetic Resonance Imaging (MRI) Studies on Fresh and Frozen Cod ( <i>Gadus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10		55
21	Supervised Self Organizing Maps for Classification and Determination of Potentially Discriminatory Variables: Illustrated by Application to Nuclear Magnetic Resonance Metabolomic Profiling. <i>Analytical Chemistry</i> , 2010, 82, 628-638.	6.5	52
22	Photobiomodulation and Oral Mucositis: A Systematic Review. <i>Dentistry Journal</i> , 2020, 8, 87.	2.3	50
23	Multicomponent Investigations of the Hydrogen Peroxide- and Hydroxyl Radical-Scavenging Antioxidant Capacities of Biofluids: The Roles of Endogenous Pyruvate and Lactate Relevance to Inflammatory Joint Diseases. <i>Free Radical Research</i> , 1997, 26, 19-35.	3.3	48
24	<sup>1</sup> H, <sup>13</sup> C NMR, and electronic absorption spectroscopic studies of the interaction of cyanide with aurothiomalate. <i>Journal of Inorganic Biochemistry</i> , 1985, 25, 163-173.	3.5	47
25	Speciation of non-transferrin-bound iron ions in synovial fluid from patients with rheumatoid arthritis by proton nuclear magnetic resonance spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1991, 9, 29-32.	2.8	45
26	A multifactorial investigation of the ability of oral health care products (OHCPs) to alleviate oral malodour. <i>Journal of Clinical Periodontology</i> , 2001, 28, 634-641.	4.9	42
27	Application of high-resolution, two-dimensional <sup>1</sup> H and <sup>13</sup> C nuclear magnetic resonance techniques to the characterization of lipid oxidation products in autoxidized linoleoyl/linolenoylglycerols. <i>Lipids</i> , 1999, 34, 741-756.	1.7	39
28	Toxic aldehyde generation in and food uptake from culinary oils during frying practices: peroxidative resistance of a monounsaturate-rich algae oil. <i>Scientific Reports</i> , 2019, 9, 4125.	3.3	39
29	Action of Uric Acid, Allopurinol and Oxypurinol on the Myeloperoxidase-Derived Oxidant Hypochlorous Acid. <i>Free Radical Research Communications</i> , 1987, 4, 69-76.	1.8	38
30	Multicomponent Spectroscopic Investigations of Salivary Antioxidant Consumption by an Oral Rinse Preparation Containing the Stable Free Radical Species Chlorine Dioxide (ClO <sub>2</sub> ). <i>Free Radical Research</i> , 1997, 26, 209-234.	3.3	38
31	<sup>1</sup> H-NMR analysis of microbial-derived organic acids in primary root carious lesions and saliva. <i>NMR in Biomedicine</i> , 1999, 12, 345-356.	2.8	37
32	Photobiomodulation Dose Parameters in Dentistry: A Systematic Review and Meta-Analysis. <i>Dentistry Journal</i> , 2020, 8, 114.	2.3	37
33	Detection and investigation of the molecular nature of low-molecular-mass copper ions in isolated rheumatoid knee-joint synovial fluid. <i>FEBS Letters</i> , 1995, 361, 167-172.	2.8	36
34	Self Organising Maps for variable selection: Application to human saliva analysed by nuclear magnetic resonance spectroscopy to investigate the effect of an oral healthcare product. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2009, 98, 149-161.	3.5	36
35	High resolution proton NMR investigations of rat blood plasma Assignment of resonances for the molecularly mobile carbohydrate side-chains of acute-phase <sup>TM</sup> glycoproteins. <i>FEBS Letters</i> , 1993, 322, 266-276.	2.8	33
36	HEALTH EFFECTS OF OXIDIZED HEATED OILS1. <i>Journal of Foodservice</i> , 2001, 13, 41-55.	0.2	32

#	ARTICLE	IF	CITATIONS
37	Teratogenic Actions of Thermally-stressed Culinary Oils in Rats. Free Radical Research, 2002, 36, 1051-1058.	3.3	32
38	Control of Oxidative Damage in Rheumatoid Arthritis By Gold(I)-Thiolate Drugs. Free Radical Research Communications, 1990, 10, 199-220.	1.8	31
39	Oxidative damage to synovial fluid from the inflamed rheumatoid joint detected by <sup>1</sup> H NMR spectroscopy. Journal of Pharmaceutical and Biomedical Analysis, 1991, 9, 75-82.	2.8	29
40	<sup>1</sup> H NMR analysis as a diagnostic probe for human saliva. Biochemical and Biophysical Research Communications, 2005, 329, 1-5.	2.1	29
41	Chronic non-communicable disease risks presented by lipid oxidation products in fried foods. Hepatobiliary Surgery and Nutrition, 2018, 7, 305-312.	1.5	29
42	Current Concepts of Laser-Oral Tissue Interaction. Dentistry Journal, 2020, 8, 61.	2.3	27
43	Determination of the illicit drug gamma-hydroxybutyrate (GHB) in human saliva and beverages by <sup>1</sup> H NMR analysis. BioFactors, 2006, 27, 121-136.	5.4	24
44	Systematic Review on the Role of Lasers in Endodontic Therapy: Valuable Adjunct Treatment?. Dentistry Journal, 2020, 8, 63.	2.3	24
45	Benchtop Low-Frequency 60 MHz NMR Analysis of Urine: A Comparative Metabolomics Investigation. Metabolites, 2020, 10, 155.	2.9	23
46	EDTA bis-(ethyl phenylalaninate): A novel transition metal-Ion chelating hydroxyl radical scavenger with a potential anti-inflammatory role. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 2573-2575.	2.2	21
47	Spatial distribution mapping of drinking water fluoride levels in Karnataka, India: fluoride-related health effects. Perspectives in Public Health, 2016, 136, 353-360.	1.6	21
48	The detection of irradiated foodstuffs. Trends in Food Science and Technology, 1990, 1, 7-14.	15.1	20
49	<sup>1</sup> H NMR investigations of the molecular nature of low-molecular-mass calcium ions in biofluids. Journal of Biological Inorganic Chemistry, 2002, 7, 46-57.	2.6	20
50	Benchtop NMR Spectroscopy and Spectral Analysis of the <i>cis</i> - and <i>trans</i> -Stilbene Products of the Wittig Reaction. Journal of Chemical Education, 2019, 96, 1938-1947.	2.3	18
51	Characterisation of peroxidation products arising from culinary oils exposed to continuous and discontinuous thermal degradation processes. Food and Function, 2019, 10, 7952-7966.	4.6	18
52	Recent Advances in the Development of a Diagnostic Test for Irradiated Foodstuffs. Free Radical Research Communications, 1989, 6, 271-292.	1.8	17
53	Chemical nature of implant-derived titanium(IV) ions in synovial fluid. Biochemical and Biophysical Research Communications, 2005, 330, 784-790.	2.1	17
54	NMR analysis reveals significant differences in the plasma metabolic profiles of Niemann Pick C1 patients, heterozygous carriers, and healthy controls. Scientific Reports, 2017, 7, 6320.	3.3	17

#	ARTICLE	IF	CITATIONS
55	Differences between the structure of the anti-arthritic gold drug $\alpha$ -cyanoauric acid in the solid state and in solution: a kinetic study of dissolution. <i>Journal of Inorganic Biochemistry</i> , 1983, 19, 51-64.	3.5	16
56	Chemometric variance analysis of $^1\text{H}$ NMR metabolomics data on the effects of oral rinse on saliva. <i>Metabolomics</i> , 2012, 8, 64-80.	3.0	16
57	Evaluation of the Effect of Ozonated Plant Oils on the Quality of Osseointegration of Dental Implants Under the Influence of Cyclosporin A: An In Vivo Study. <i>Journal of Oral Implantology</i> , 2011, 37, 247-257.	1.0	15
58	An optical hydroxyl radical sensor. <i>Biosensors and Bioelectronics</i> , 1993, 8, 325-329.	10.1	14
59	High Resolution $^1\text{H}$ NMR investigations of the oxidative consumption of salivary biomolecules by ozone: Relevance to the therapeutic applications of this agent in clinical dentistry. <i>BioFactors</i> , 2006, 27, 5-18.	5.4	14
60	Computational Intelligence Techniques in Medicine. <i>Computational and Mathematical Methods in Medicine</i> , 2015, 2015, 1-2.	1.3	14
61	$^1\text{H}$ NMR-based metabolomics reveals neurochemical alterations in the brain of adolescent rats following acute methylphenidate administration. <i>Neurochemistry International</i> , 2017, 108, 109-120.	3.8	14
62	$^1\text{H}$ NMR-Linked Urinary Metabolic Profiling of Niemann-Pick Class C1 (NPC1) Disease: Identification of Potential New Biomarkers using Correlated Component Regression (CCR) and Genetic Algorithm (GA) Analysis Strategies. <i>Current Metabolomics</i> , 2014, 2, 88-121.	0.5	14
63	$^1\text{H}$ NMR-Linked Metabolomics Analysis of Liver from a Mouse Model of NP-C1 Disease. <i>Journal of Proteome Research</i> , 2016, 15, 3511-3527.	3.7	13
64	Metabolomic Studies of Lipid Storage Disorders, with Special Reference to Niemann-Pick Type C Disease: A Critical Review with Future Perspectives. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2533.	4.1	13
65	The importance of mitochondria in the tumourigenic phenotype: Gliomas as the paradigm (Review). <i>International Journal of Molecular Medicine</i> , 2011, 27, 159-71.	4.0	12
66	A Multifactorial Comparison of Ternary Combinations of Essential Oils in Topical Preparations to Current Antibiotic Prescription Therapies for the Control of Acne Vulgaris-Associated Bacteria.. <i>Phytotherapy Research</i> , 2017, 31, 410-417.	5.8	12
67	Low-field benchtop NMR spectroscopy as a potential non-stationary tool for point-of-care urinary metabolite tracking in diabetic conditions. <i>Diabetes Research and Clinical Practice</i> , 2021, 171, 108554.	2.8	12
68	Evidence-Based Challenges to the Continued Recommendation and Use of Peroxidatively-Susceptible Polyunsaturated Fatty Acid-Rich Culinary Oils for High-Temperature Frying Practises: Experimental Revelations Focused on Toxic Aldehydic Lipid Oxidation Products. <i>Frontiers in Nutrition</i> , 2021, 8, 711640.	3.7	12
69	Evaluation of the speciation status of aluminium(III) ions in isolated osteoarthritic knee-joint synovial fluid. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005, 1725, 327-339.	2.4	11
70	Teaching Analytical Chemistry to Pharmacy Students: A Combined, Iterative Approach. <i>Journal of Chemical Education</i> , 2018, 95, 47-54.	2.3	11
71	Laser-Assisted aPDT Protocols in Randomized Controlled Clinical Trials in Dentistry: A Systematic Review. <i>Dentistry Journal</i> , 2020, 8, 107.	2.3	11
72	Laser Analgesia Associated with Restorative Dental Care: A Systematic Review of the Rationale, Techniques, and Energy Dose Considerations. <i>Dentistry Journal</i> , 2020, 8, 128.	2.3	11

#	ARTICLE	IF	CITATIONS
73	Evaluations of the Peroxidative Susceptibilities of Cod Liver Oils by a 1H NMR Analysis Strategy: Peroxidative Resistivity of a Natural Collagenous and Biogenic Amine-Rich Fermented Product. <i>Nutrients</i> , 2020, 12, 753.	4.1	11
74	Commentary: Iconoclastic Reflections on the "Safety"™ of Polyunsaturated Fatty Acid-Rich Culinary Frying Oils: Some Cautions regarding the Laboratory Analysis and Dietary Ingestion of Lipid Oxidation Product Toxins. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2351.	2.5	11
75	Comparative 1H NMR-Based Chemometric Evaluations of the Time-Dependent Generation of Aldehydic Lipid Oxidation Products in Culinary Oils Exposed to Laboratory-Simulated Shallow Frying Episodes: Differential Patterns Observed for Omega-3 Fatty Acid-Containing Soybean Oils. <i>Foods</i> , 2021, 10, 2481.	4.3	11
76	The role of N-acetylcysteine in protecting synovial fluid biomolecules against radiolytically-mediated oxidative damage: A high field proton NMR study. <i>Free Radical Research</i> , 1999, 30, 351-369.	3.3	10
77	"Real-World" Evaluation of Lipid Oxidation Products and Trace Metals in French Fries From Two Chain Fast-Food Restaurants. <i>Frontiers in Nutrition</i> , 2021, 8, 620952.	3.7	10
78	Reactions of triethylphosphine gold(I) complexes with heme proteins: novel spin-state changes in cytochrome b562, myoglobin, and hemoglobin. <i>Journal of Inorganic Biochemistry</i> , 1986, 27, 1-15.	3.5	9
79	The influence of delivery power losses and full operating parametry on the effectiveness of diode visible"near infra-red (445"1064Ånm) laser therapy in dentistry" a multi-centre investigation. <i>Lasers in Medical Science</i> , 2022, 37, 2249-2257.	2.1	9
80	Photobiomodulation Effects on Periodontal Ligament Stem Cells: A Systematic Review of In Vitro Studies. <i>Current Stem Cell Research and Therapy</i> , 2024, 19, 544-558.	1.3	9
81	Multicomponent analysis of radiolytic products in human body fluids using high field proton nuclear magnetic resonance (NMR) spectroscopy. <i>Radiation Physics and Chemistry</i> , 1994, 43, 445-453.	2.8	8
82	Examination of the molecular nature of low-molecular-mass chromium(III) ions in isolated osteoarthritic knee-joint synovial fluid. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 1390-1400.	3.5	8
83	Exploring the prevalence of and factors associated with advice on prescription medicines: A survey of community pharmacies in an English city. <i>Health and Social Care in the Community</i> , 2017, 25, 1774-1786.	1.6	8
84	Methylphenidate alters monoaminergic and metabolic pathways in the cerebellum of adolescent rats. <i>European Neuropsychopharmacology</i> , 2018, 28, 513-528.	0.7	8
85	Fluoride in fish flesh, fish bone and regular diet in south-coastal area of Karnataka state of India. <i>Indian Journal of Dental Research</i> , 2018, 29, 414.	0.4	8
86	The impact of partial oil substitution and trace metal ions on the evolution of peroxidation products in thermally stressed culinary oils. <i>Food Chemistry</i> , 2022, 375, 131823.	8.2	8
87	Photobiomodulation Delivery Parameters in Dentistry: An Evidence-Based Approach. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2022, 40, 42-50.	1.4	8
88	Potential Advantages of Peroxoborates and Their Ester Adducts Over Hydrogen Peroxide as Therapeutic Agents in Oral Healthcare Products: Chemical/Biochemical Reactivity Considerations In Vitro, Ex Vivo And In Vivo. <i>Dentistry Journal</i> , 2020, 8, 89.	2.3	7
89	Extensive Chemometric Investigations of Distinctive Patterns and Levels of Biogenic Amines in Fermented Foods: Human Health Implications. <i>Foods</i> , 2020, 9, 1807.	4.3	7
90	Determinations of the peroxidative susceptibilities of cod liver oils by a newly-developed 1H NMR-based method: resistance of an antioxidant-fortified product isolated from pre-fermented sources. <i>BMC Research Notes</i> , 2020, 13, 73.	1.4	7

#	ARTICLE	IF	CITATIONS
91	Multicomponent evaluations of the oxidising actions and status of a peroxoborate-containing tooth-whitening system in whole human saliva using high resolution proton NMR spectroscopy. <i>Journal of Inorganic Biochemistry</i> , 1999, 73, 65-84.	3.5	6
92	Severe hypertension in elapid envenomation. <i>Journal of Cardiovascular Disease Research (discontinued)</i> , 2013, 4, 65-67.	0.1	6
93	A Spectrophotometric Study on Light Attenuation Properties of Dental Bleaching Gels: Potential Relevance to Irradiation Parameters. <i>Dentistry Journal</i> , 2020, 8, 137.	2.3	6
94	Molecular Composition of and Potential Health Benefits Offered by Natural East African Virgin Sunflower Oil Products: A 400 MHz <sup>1</sup> H NMR Analysis Study. <i>International Journal of Nutrition</i> , 2019, 3, 22-43.	0.7	6
95	Computational simulation of <sup>1</sup> H NMR profiles of complex biofluid analyte mixtures at differential operating frequencies: Applications to low-field benchtop spectra. <i>Magnetic Resonance in Chemistry</i> , 2022, 60, 1097-1112.	1.9	6
96	Generation of substance P carbamate in neutral aqueous solution. <i>FEBS Letters</i> , 1993, 329, 249-252.	2.8	5
97	Investigation of the Molecular Nature of Low-molecular-mass Cobalt(II) Ions in Isolated Osteoarthritic Knee-joint Synovial Fluid. <i>Free Radical Research</i> , 2004, 38, 561-571.	3.3	5
98	Systematic Review of Post-Surgical Laser-Assisted Oral Soft Tissue Outcomes Using Surgical Wavelengths Outside the 650-1350 nm Optical Window. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2020, 38, 591-606.	1.4	5
99	Rapid Identification of New Biomarkers for the Classification of GM1 Type 2 Gangliosidosis Using an Unbiased <sup>1</sup> H NMR-Linked Metabolomics Strategy. <i>Cells</i> , 2021, 10, 572.	4.1	5
100	The Role of Polydimethylsiloxane in Suppressing the Evolution of Lipid Oxidation Products in Thermo-Oxidised Sunflower Oil: Influence of Stirring Processes. <i>Frontiers in Nutrition</i> , 2021, 8, 721736.	3.7	5
101	Methods for the Detection and Measurement of Reactive Radical Species in vivo and in vitro. , 1995, , 1-21.		5
102	Urinary excretion and metabolism of miglustat and valproate in patients with Niemann-Pick type C1 disease: One- and two-dimensional solution-state <sup>1</sup> H NMR studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 117, 276-288.	2.8	4
103	Updates and Original Case Studies Focused on the NMR-Linked Metabolomics Analysis of Human Oral Fluids Part I: Emerging Platforms and Perspectives. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1235.	2.5	4
104	Editorial: Dietary Lipid Oxidation and Fried Food Toxicology. <i>Frontiers in Nutrition</i> , 2022, 9, 858063.	3.7	4
105	Effects of Methylphenidate on the Dopamine Transporter and Beyond. <i>Current Topics in Behavioral Neurosciences</i> , 2022, , 127-157.	1.7	4
106	High-resolution <sup>1</sup> H NMR investigations of the capacity of dentifrices containing a bioactive glass to influence the metabolic profile of and deliver calcium ions to human saliva. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 91B, 88-101.	3.4	3
107	<sup>1</sup> H NMR investigations of the molecular nature of cobalt(II) ions in human saliva. <i>Archives of Biochemistry and Biophysics</i> , 2012, 520, 51-65.	3.0	3
108	Errors in DFT integration grids and their potential impact on chemical shift calculations. <i>Magnetic Resonance in Chemistry</i> , 2020, 58, 116-117.	1.9	3

#	ARTICLE	IF	CITATIONS
109	Nuclear Magnetic Resonance Spectroscopic Analysis of the Evolution of Peroxidation Products Arising from Culinary Oils Exposed to Thermal Oxidation: An Investigation Employing <sup>1</sup> H and <sup>1</sup> H- <sup>1</sup> H COSY and TOCSY Techniques. <i>Foods</i> , 2022, 11, 1864.	4.3	3
110	<sup>1</sup> H and <sup>51</sup> V NMR investigations of the molecular nature of implant-derived vanadium ions in osteoarthritic knee-joint synovial fluid. <i>Clinica Chimica Acta</i> , 2007, 380, 89-99.	1.1	2
111	High-resolution <sup>1</sup> H NMR investigations of the oxidative consumption of salivary biomolecules by oral rinse peroxides. <i>Acta Odontologica Scandinavica</i> , 2013, 71, 223-235.	1.6	2
112	Iron overload, free radical damage, and rhesus haemolytic disease. <i>Lancet, The</i> , 1990, 335, 1530-1531.	13.7	1
113	Chemometric analysis of the consumption of oral rinse chlorite (ClO <sub>2</sub> <sup>-</sup> ) by human salivary biomolecules. <i>Clinical Oral Investigations</i> , 2013, 17, 2065-2078.	3.0	1
114	Data Augmentation Techniques to Improve Metabolomic Analysis in Niemann-Pick Type C Disease. <i>Lecture Notes in Computer Science</i> , 2022, , 78-91.	1.3	1
115	Methods for the detection of irradiated foodstuffs: Aromatic hydroxylation and degradation of polyunsaturated fatty acids. <i>International Journal of Radiation Applications and Instrumentation Nuclear Tracks and Radiation Measurements</i> , 1989, 34, 925-934.	0.0	0
116	Reply from Grootveld. <i>Trends in Food Science and Technology</i> , 1991, 2, 21.	15.1	0
117	Status of End Organs in Newly Detected Rural Essential Hypertensives: A Study from Southern India. <i>Clinical and Experimental Hypertension</i> , 2012, 34, 201-208.	1.3	0
118	Targeted Chemometrics Investigations of Source-, Age- and Gender-Dependencies of Oral Cavity Malodorous Volatile Sulphur Compounds. <i>Data</i> , 2021, 6, 36.	2.3	0
119	APPLICATION OF NEW ASSAYS FOR MEASURING FREE RADICAL PRODUCTION TO HUMAN RHEUMATOID PATIENTS. , 1991, , 846-855.		0
120	Metabolomics Distinction of Cigarette Smokers from Non-Smokers Using Non-Stationary Benchtop Nuclear Magnetic Resonance (NMR) Analysis of Human Saliva. <i>Dentistry</i> , 0, , .	0.0	0