

# Elisabetta Schievano

## List of Publications by Year in descending order

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73  
papers

1,518  
citations

257101

24  
h-index

360668

35  
g-index

73  
all docs

73  
docs citations

73  
times ranked

1970  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Markers of Botanical Origin and Other Compounds Extracted from Unifloral honeys. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 1747-1755.	2.4	84
2	<sup>1</sup> H Nuclear Magnetic Resonance Spectra of Chloroform Extracts of Honey for Chemometric Determination of Its Botanical Origin. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 57-65.	2.4	79
3	An NMR-based metabolomic approach to identify the botanical origin of honey. <i>Metabolomics</i> , 2012, 8, 679-690.	1.4	71
4	Concomitant Occurrence of Peptide 310- and $\alpha$ -Helices Probed by NMR. <i>Journal of the American Chemical Society</i> , 2000, 122, 11735-11736.	6.6	59
5	NMR Quantification of Carbohydrates in Complex Mixtures. A Challenge on Honey. <i>Analytical Chemistry</i> , 2017, 89, 13405-13414.	3.2	55
6	Rapid Authentication of Coffee Blends and Quantification of 16-O-Methylcafestol in Roasted Coffee Beans by Nuclear Magnetic Resonance. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 12309-12314.	2.4	52
7	Inhibition of Human Cytomegalovirus DNA Polymerase by C-Terminal Peptides from the UL54 Subunit. <i>Journal of Virology</i> , 2003, 77, 8336-8344.	1.5	47
8	Performance Assessment in Fingerprinting and Multi Component Quantitative NMR Analyses. <i>Analytical Chemistry</i> , 2015, 87, 6709-6717.	3.2	45
9	Identification of the Production Chain of Asiago d'Alpe Cheese by Nuclear Magnetic Resonance Spectroscopy and Principal Component Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 7208-7214.	2.4	44
10	NMR carbohydrate profile in tracing acacia honey authenticity. <i>Food Chemistry</i> , 2020, 309, 125788.	4.2	42
11	Green coffee oil analysis by high-resolution nuclear magnetic resonance spectroscopy. <i>Talanta</i> , 2013, 110, 118-127.	2.9	41
12	Objective Definition of Monofloral and Polyfloral Honeys Based on NMR Metabolomic Profiling. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 3645-3652.	2.4	39
13	Flooding Responses on Grapevine: A Physiological, Transcriptional, and Metabolic Perspective. <i>Frontiers in Plant Science</i> , 2019, 10, 339.	1.7	39
14	NMR quantification of 16-O-methylcafestol and kahweol in <i>Coffea canephora</i> var. <i>robusta</i> beans from different geographical origins. <i>Food Control</i> , 2017, 75, 62-69.	2.8	38
15	Conformational Studies of Mono- and Bicyclic Parathyroid Hormone-Related Protein-Derived Agonists. <i>Biochemistry</i> , 1997, 36, 10372-10383.	1.2	34
16	Aib-Rich Peptides Containing Lactam-Bridged Side Chains as Models of the 310-Helix. <i>Journal of the American Chemical Society</i> , 2001, 123, 2743-2751.	6.6	33
17	The 11-mer repeats of human $\alpha$ -synuclein in vesicle interactions and lipid composition discrimination: A cooperative role. <i>Biopolymers</i> , 2006, 84, 310-316.	1.2	33
18	Entomological authentication of stingless bee honey by 1H NMR-based metabolomics approach. <i>Food Control</i> , 2017, 82, 145-153.	2.8	33

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19	NMR assessment of European acacia honey origin and composition of EU-blend based on geographical floral markers. <i>Food Chemistry</i> , 2019, 288, 96-101.	4.2	33
20	NMR quantification of trace components in complex matrices by band-selective excitation with adiabatic pulses. <i>Magnetic Resonance in Chemistry</i> , 2009, 47, 868-872.	1.1	29
21	Identification of wine aroma precursors in Moscato Giallo grape juice: A nuclear magnetic resonance and liquid chromatography-mass spectrometry tandem study. <i>Talanta</i> , 2013, 116, 841-851.	2.9	29
22	New findings on the in vivo antioxidant activity of <i>Curcuma longa</i> extract by an integrated <sup>1</sup> H NMR and HPLC-MS metabolomic approach. <i>Food Analytical Methods</i> , 2016, 109, 125-131.	1.1	29
23	Antiadhesive Activity and Metabolomics Analysis of Rat Urine after Cranberry ( <i>Vaccinium</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 5657-5667.	2.4	29
24	Fast Determination of Histamine in Cheese by Nuclear Magnetic Resonance (NMR). <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 2647-2652.	2.4	28
25	pH-Dependent Conformational Changes and Topology of a Herpesvirus Translocating Peptide in a Membrane-Mimetic Environment. <i>Biochemistry</i> , 2004, 43, 9343-9351.	1.2	24
26	Conformational and binding properties of chicken liver basic fatty acid binding protein in solution. <i>Biopolymers</i> , 1994, 34, 879-887.	1.2	23
27	Structure-Function Studies of Analogues of Parathyroid Hormone (PTH)-1-34 Containing <sup>12</sup> -Amino Acid Residues in Positions 11-13. <i>Biochemistry</i> , 2002, 41, 8162-8175.	1.2	21
28	A Contribution to the Harmonization of Non-targeted NMR Methods for Data-Driven Food Authenticity Assessment. <i>Food Analytical Methods</i> , 2020, 13, 530-541.	1.3	21
29	Bioactive N-terminal undecapeptides derived from parathyroid hormone: the role of $\pm$ -helicity*. <i>Chemical Biology and Drug Design</i> , 2008, 65, 23-35.	1.2	20
30	Total Synthesis, Characterization, and Conformational Analysis of the Naturally Occurring Hexadecapeptide Integramide-A and a Diastereomer. <i>Chemistry - A European Journal</i> , 2010, 16, 316-327.	1.7	20
31	Preliminary Characterization of Monofloral <i>Coffea</i> spp. Honey: Correlation between Potential Biomarkers and Pollen Content. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 5858-5863.	2.4	20
32	Avidin-biotin system: a small library of cysteine biotinylated derivatives designed for the [99mTc(N)(PNP)] <sup>2+</sup> metal fragment. <i>Nuclear Medicine and Biology</i> , 2007, 34, 511-522.	0.3	18
33	Conformational studies of a potent Leu <sup>11</sup> , Asp <sup>12</sup> -containing lactam-bridged parathyroid hormone-related protein-derived antagonist. <i>Chemical Biology and Drug Design</i> , 1998, 52, 241-248.	1.2	18
34	Conformational studies of parathyroid hormone (PTH)/PTH-related protein (PTHrp) chimeric peptides. <i>Biopolymers</i> , 2000, 54, 429-447.	1.2	17
35	Conformation and interactions of bioactive peptides from insect venoms: The bombolitins. <i>Biopolymers</i> , 1997, 43, 419-431.	1.2	15
36	Conformational studies of parathyroid hormone (PTH)/PTH-related protein (PTHrP) point-mutated hybrids. <i>Biopolymers</i> , 1999, 50, 525-535.	1.2	14

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37	Conformational and biological characterization of human parathyroid hormone hPTH(1-34) analogues containing Î²-amino acid residues in positions 17-19. <i>Biopolymers</i> , 2003, 70, 534-547.	1.2	14
38	A community-built calibration system: The case study of quantification of metabolites in grape juice by qNMR spectroscopy. <i>Talanta</i> , 2020, 214, 120855.	2.9	14
39	Structure–function relationship studies of PTH(1–11) analogues containing D-amino acids. <i>European Journal of Pharmacology</i> , 2009, 611, 1-7.	1.7	13
40	Studying the effects of natural extracts with metabolomics: A longitudinal study on the supplementation of healthy rats with <i>Polygonum cuspidatum</i> Sieb. et Zucc.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 140, 62-70.	1.4	13
41	Interaction of bombolitin II with a membrane-mimetic environment: an NMR and molecular dynamics simulation approach. <i>Biophysical Chemistry</i> , 2002, 101-102, 577-591.	1.5	12
42	Structure–function relationship studies of PTH(1–11) analogues containing sterically hindered dipeptide mimetics. <i>Journal of Peptide Science</i> , 2007, 13, 504-512.	0.8	12
43	Changes in urinary metabolic profile after oral administration of curcuma extract in rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 100, 348-356.	1.4	12
44	Configurational Assignment of D- and L-isovalines in Intact, Natural, and Synthetic Peptides by 2D-NMR Spectroscopy. <i>Chemistry and Biodiversity</i> , 2010, 7, 1612-1624.	1.0	11
45	NMR Metabolite Profiles of the Bivalve Mollusc <i>Mytilus galloprovincialis</i> Before and After Immune Stimulation With <i>Vibrio splendidus</i> . <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 686770.	1.6	11
46	Conformational studies of a bicyclic, lactam-constrained parathyroid hormone-related protein-derived agonist. <i>Journal of Peptide Science</i> , 1999, 5, 330-337.	0.8	9
47	Quantification of caffeine in human saliva by Nuclear Magnetic Resonance as an alternative method for cytochrome CYP1A2 phenotyping. <i>Talanta</i> , 2015, 140, 36-41.	2.9	9
48	Conformation of uteroglobin fragments. <i>Biopolymers</i> , 1992, 32, 341-346.	1.2	8
49	Structure-function relationship studies of bovine parathyroid hormone [bPTH(1-34)] analogues containing Î±-amino-iso-butyric acid (Aib) residues. <i>Biopolymers</i> , 2003, 68, 437-457.	1.2	8
50	Conformational studies of Aib-rich peptides containing lactam-bridged side chains: Evidence of 310-helix formation. <i>Biopolymers</i> , 2005, 80, 294-302.	1.2	8
51	Synthesis and structural studies of new analogues of PTH(1–11) containing CÎ±-tetra-substituted amino acids in position 8. <i>Amino Acids</i> , 2010, 39, 1369-1379.	1.2	8
52	Limited genotypic and geographic variability of 16-O-methylated diterpene content in <i>Coffea arabica</i> green beans. <i>Food Chemistry</i> , 2020, 329, 127129.	4.2	8
53	Water Mobility and Distribution in Green Coffee Probed by Time-Domain Nuclear Magnetic Resonance. <i>Food Biophysics</i> , 2011, 6, 321-326.	1.4	7
54	Structure elucidation of the dye Acid Red 131: complete <sup>1</sup> H, <sup>13</sup> C and <sup>15</sup> N NMR data assignment. <i>Magnetic Resonance in Chemistry</i> , 2011, 49, 523-528.	1.1	7

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55	Quantification of polyols in sugar-free foodstuffs by qNMR. <i>Food Chemistry</i> , 2022, 390, 133125.	4.2	7
56	Determination of the secondary structural elements of chicken liver fatty acid binding protein by two-dimensional homonuclear NMR. , 1999, 50, 1-11.		6
57	Extraction and mass spectrometry identification of a major peach allergen Pru p 1. <i>Journal of the Science of Food and Agriculture</i> , 2012, 92, 570-576.	1.7	6
58	Aggregation and conformational transition in aqueous solution of a bombolitin III analogue containing a photoreactive side-chain group. , 1997, 42, 147-156.		5
59	Conformational Studies of a Bombolitin III-Derived Peptide Mimicking the Four-Helix Bundle Structural Motif of Proteins. <i>Journal of the American Chemical Society</i> , 2003, 125, 15314-15323.	6.6	5
60	Role of the guanidine group in the N-terminal fragment of PTH(1-11). <i>Amino Acids</i> , 2010, 38, 1269-1275.	1.2	5
61	Hypericum triquetrifolium and H. neurocalycinum as Sources of Antioxidants and Multi-Target Bioactive Compounds: A Comprehensive Characterization Combining In Vitro Bioassays and Integrated NMR and LC-MS Characterization by Using a Multivariate Approach. <i>Frontiers in Pharmacology</i> , 2021, 12, 660735.	1.6	5
62	Peptide-peptoid hybrids based on (1-11)-parathyroid hormone analogs. <i>Journal of Peptide Science</i> , 2010, 16, 480-485.	0.8	4
63	Nuclear Magnetic Resonance as a Method to Predict the Geographical and Entomological Origin of Pot-Honey. , 2013, , 429-445.		4
64	Structure-Function Relationship Study of Parathyroid Hormone (1-11) Analogues Containing D-AA. <i>Advances in Experimental Medicine and Biology</i> , 2009, 611, 113-114.	0.8	4
65	Design, synthesis and conformational analysis of hGM-CSF[13-31]-Gly-Pro-Gly-[103-116]. , 1997, 3, 323-335.		3
66	Floral origin modulates the content of a lipid marker in Apis mellifera honey. <i>Food Chemistry</i> , 2021, 361, 130050.	4.2	3
67	Structural characterization of cyclic kallidin analogues in DMSO by nuclear magnetic resonance and molecular dynamics. <i>Journal of Peptide Science</i> , 2005, 11, 3-16.	0.8	1
68	Design, synthesis, and conformational studies of the hGM-CSF derived peptide (13-27)-Gly-(75-87). <i>Biopolymers</i> , 1999, 50, 545-554.	1.2	0
69	A Library of Cysteine-Biotin Derivatives Useful for Pretargeting Avidin-Biotin Radioimmunosciintigraphy. , 2006, , 349-350.		0
70	Structure-Function Relationship Studies of Analogs of PTH(1-11) Fragment Containing Combinations of Aib and (±Me)Nle. , 2006, , 38-39.		0
71	Letter to the Editor. <i>Food Chemistry</i> , 2015, 187, 279.	4.2	0
72	Structure-Function Relationship Studies on Parathyroid Hormone (PTH) 1-34 Analogs Containing $\beta$ -Amino Acid Residues in Positions 11, 12, and 13. , 2001, , 739-741.		0

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73	Local Conformation Around Position 12 of the (1-34) Fragment of Parathyroid Hormone Probed by Substitution with Aib Residues. , 2001, , 742-743.		0