Elisabetta Giorgini

List of Publications by Year in descending order

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112 3,719 28
papers citations h-index

121 121 121 2986 all docs docs citations times ranked citing authors

56

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#	Article	IF	CITATIONS
1	Application of laboratory methods for understanding fish responses to black soldier fly (Hermetia) Tj ETQq1 1 0.78	34314 rgB	T_Overlock
2	A vibrational in vitro approach to evaluate the potential of monoolein nanoparticles as isofuranodiene carrier in MDA-MB 231 breast cancer cell line: New insights from Infrared and Raman microspectroscopies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 269, 120735.	3.9	6
3	Evaluation of Controlled Ovarian Stimulation Protocols in Patients with Normal and Low Ovarian Reserve: Analyses of miRNAs and Selected Target Genes Involved in the Proliferation of Human Cumulus Cells and Oocyte Quality. International Journal of Molecular Sciences, 2022, 23, 1713.	4.1	1
4	Conventional feed additives or red claw crayfish meal and dried microbial biomass as feed supplement in fish meal-free diets for rainbow trout (Oncorhynchus mykiss): Possible ameliorative effects on growth and gut health status. Aquaculture, 2022, 554, 738137.	3 . 5	13
5	Zebrafish caudal fin as a model to investigate the role of probiotics in bone regeneration. Scientific Reports, 2022, 12, 8057.	3.3	8
6	Altered type I collagen networking in osteoporotic human femoral head revealed by histomorphometric and Fourier transform infrared imaging correlated analyses. BioFactors, 2022, 48, 1089-1110.	5.4	11
7	Raman Microspectroscopy Detection and Characterisation of Microplastics in Human Breastmilk. Polymers, 2022, 14, 2700.	4.5	190
8	Uterine leiomyoma as useful model to unveil morphometric and macromolecular collagen state and impairment in fibrotic diseases: An ex-vivo human study. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166494.	3.8	10
9	Plasticenta: First evidence of microplastics in human placenta. Environment International, 2021, 146, 106274.	10.0	1,225
10	Automatic Classification of Human Granulosa Cells in Assisted Reproductive Technology using vibrational spectroscopy imaging. , 2021, , .		0
11	Potential Impact of Microplastics and Additives on the Health Status of Loggerhead Turtles (Caretta) Tj ETQq1 1 C).784314 r 2.4	gBT /Over <mark>lo</mark>
12	Hermetia illucens and Poultry by-Product Meals as Alternatives to Plant Protein Sources in Gilthead Seabream (Sparus aurata) Diet: A Multidisciplinary Study on Fish Gut Status. Animals, 2021, 11, 677.	2.3	52
13	A Spectroscopic Approach to Evaluate the Effects of Different Soil Tillage Methods and Nitrogen Fertilization Levels on the Biochemical Composition of Durum Wheat (Triticum turgidum subsp.) Tj ETQq1 1 0.784	4 31 14 rgBT	/Overlock 1
14	Physiological response of rainbow trout (Oncorhynchus mykiss) to graded levels of Hermetia illucens or poultry by-product meals as single or combined substitute ingredients to dietary plant proteins. Aquaculture, 2021, 538, 736550.	3.5	52
15	Cytotoxic Effects of 5-Azacytidine on Primary Tumour Cells and Cancer Stem Cells from Oral Squamous Cell Carcinoma: An In Vitro FTIRM Analysis. Cells, 2021, 10, 2127.	4.1	18
16	Cubic and Hexagonal Mesophases for Protein Encapsulation: Structural Effects of Insulin Confinement. Langmuir, 2021, 37, 10166-10176.	3.5	7
17	Hyperspectral characterization of the MSTO-211H cell spheroid model: A FPA–FTIR imaging approach. Clinical Spectroscopy, 2021, 3, 100011.	1.3	10
18	Physiological responses of Siberian sturgeon (Acipenser baerii) juveniles fed on full-fat insect-based diet in an aquaponic system. Scientific Reports, 2021, 11, 1057.	3.3	25

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19	Vibrational Imaging Techniques for the Characterization of Hard Dental Tissues: From Bench-Top to Chair-Side. Applied Sciences (Switzerland), 2021, 11, 11953.	2.5	11
20	Investigation of human pancreatic cancer tissues by Fourier Transform Infrared Hyperspectral Imaging. Journal of Biophotonics, 2020, 13, e201960071.	2.3	39
21	Fatty acids profile of black soldier fly (Hermetia illucens): Influence of feeding substrate based on coffee-waste silverskin enriched with microalgae. Animal Feed Science and Technology, 2020, 259, 114309.	2.2	59
22	Black Soldier Fly (Hermetia illucens) reared on roasted coffee by-product and Schizochytrium sp. as a sustainable terrestrial ingredient for aquafeeds production. Aquaculture, 2020, 518, 734659.	3.5	60
23	The Impact of Controlled Ovarian Stimulation Hormones on the Metabolic State and Endocannabinoid System of Human Cumulus Cells. International Journal of Molecular Sciences, 2020, 21, 7124.	4.1	13
24	Exploiting fourier transform infrared and Raman microspectroscopies on cancer stem cells from oral squamous cells carcinoma: new evidence of acquired cisplatin chemoresistance. Analyst, The, 2020, 145, 8038-8049.	3.5	22
25	Zebrafish (Danio rerio) physiological and behavioural responses to insect-based diets: a multidisciplinary approach. Scientific Reports, 2020, 10, 10648.	3.3	52
26	Synchrotron Characterization of Hexagonal and Cubic Lipidic Phases Loaded with Azolate/Phosphane Gold(I) Compounds: A New Approach to the Uploading of Gold(I)-Based Drugs. Nanomaterials, 2020, 10, 1851.	4.1	7
27	Can Insect-Based Diets Affect Zebrafish (Danio rerio) Reproduction? A Multidisciplinary Study. Zebrafish, 2020, 17, 287-304.	1.1	12
28	A mixed-valence diruthenium(ii,iii) complex endowed with high stability: from experimental evidence to theoretical interpretation. Dalton Transactions, 2020, 49, 14520-14527.	3.3	25
29	Knockout of the Glucocorticoid Receptor Impairs Reproduction in Female Zebrafish. International Journal of Molecular Sciences, 2020, 21, 9073.	4.1	18
30	Synthesis, Structural Insights and Activity of Different Classes of Biomolecules. , 2020, , 463-482.		1
31	Insect meal based diets for clownfish: Biometric, histological, spectroscopic, biochemical and molecular implications. Aquaculture, 2019, 498, 1-11.	3.5	55
32	Setting of a precision farming robotic laboratory for cropping system sustainability and food safety and security: preliminary results. IOP Conference Series: Earth and Environmental Science, 2019, 275, 012021.	0.3	11
33	Macromolecular Characterization of Swordfish Oocytes by FTIR Imaging Spectroscopy. Scientific Reports, 2019, 9, 8850.	3.3	10
34	Nitrogen and chlorophyll status determination in durum wheat as influenced by fertilization and soil management: Preliminary results. PLoS ONE, 2019, 14, e0225126.	2.5	29
35	Effects of Graded Dietary Inclusion Level of Full-Fat Hermetia illucens Prepupae Meal in Practical Diets for Rainbow Trout (Oncorhynchus mykiss). Animals, 2019, 9, 251.	2.3	91
36	Dietary diisononylphthalate contamination induces hepatic stress: a multidisciplinary investigation in gilthead seabream (Sparus aurata) liver. Archives of Toxicology, 2019, 93, 2361-2373.	4.2	15

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37	A six-months study on Black Soldier Fly (Hermetia illucens) based diets in zebrafish. Scientific Reports, 2019, 9, 8598.	3.3	65
38	Effects of a cationic surfactant incorporation in phytantriol bulk cubic phases and dispersions loaded with the anticancer drug 5-fluorouracil. Journal of Molecular Liquids, 2019, 286, 110954.	4.9	15
39	Adsorption of indium by waste biomass of brown alga Ascophyllum nodosum. Scientific Reports, 2019, 9, 16763.	3.3	19
40	Diets contaminated with Bisphenol A and Di-isononyl phtalate modify skeletal muscle composition: A new target for environmental pollutant action. Science of the Total Environment, 2019, 658, 250-259.	8.0	14
41	Vibrational characterization of granulosa cells from patients affected by unilateral ovarian endometriosis: New insights from infrared and Raman microspectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 212, 206-214.	3.9	32
42	Effects of diethylene glycol dibenzoate and Bisphenol A on the lipid metabolism of Danio rerio. Science of the Total Environment, 2018, 636, 641-655.	8.0	58
43	Rearing Zebrafish on Black Soldier Fly (<i>Hermetia illucens</i>): Biometric, Histological, Spectroscopic, Biochemical, and Molecular Implications. Zebrafish, 2018, 15, 404-419.	1.1	53
44	The influence of diet on the early development of two seahorse species (H. guttulatus and H. reidi): Traditional and innovative approaches. Aquaculture, 2018, 490, 75-90.	3.5	41
45	<i>In vitro</i> FTIR microspectroscopy analysis of primary oral squamous carcinoma cells treated with cisplatin and 5-fluorouracil: a new spectroscopic approach for studying the drug–cell interaction. Analyst, The, 2018, 143, 3317-3326.	3.5	32
46	Does the molecular and metabolic profile of human granulosa cells correlate with oocyte fate? New insights by Fourier transform infrared microspectroscopy analysis. Molecular Human Reproduction, 2018, 24, 521-532.	2.8	15
47	New insights on the macromolecular building of rainbow trout (O. mykiss) intestine: FTIR Imaging and histological correlative study. Aquaculture, 2018, 497, 1-9.	3.5	31
48	Fourier Transform Infrared Imaging analysis of dental pulp inflammatory diseases. Oral Diseases, 2017, 23, 484-491.	3.0	11
49	Dietary administration of EDC mixtures: A focus on fish lipid metabolism. Aquatic Toxicology, 2017, 185, 95-104.	4.0	63
50	Lyotropic Liquid-Crystalline Nanosystems as Drug Delivery Agents for 5-Fluorouracil: Structure and Cytotoxicity. Langmuir, 2017, 33, 12369-12378.	3.5	56
51	Infrared spectroscopy as a new tool for studying single living cells: Is there a niche?. Biomedical Spectroscopy and Imaging, 2017, 6, 85-99.	1.2	48
52	A comparison of techniques for studying oogenesis in the European eel <i>Anguilla anguilla</i> Journal of Fish Biology, 2016, 89, 2055-2069.	1.6	5
53	Could the unilateral ovarian endometriosis affectÂthe contralateral ovary? new insights from Fourier Transform infrared (FTIR) spectroscopy. Fertility and Sterility, 2015, 104, e158.	1.0	1
54	Endocannabinoid system modulation in women affected by unilateral endometrioma. Fertility and Sterility, 2015, 104, e68-e69.	1.0	1

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55	Human granulosa cells in vitro exposure to bisphenol a: FTIR microspectroscopy and molecular evidences. Fertility and Sterility, 2015, 104, e141.	1.0	O
56	Vibrational mapping of sinonasal lesions by Fourier transform infrared imaging spectroscopy. Journal of Biomedical Optics, 2015, 20, 125003.	2.6	26
57	FTIR microspectroscopic characterization of Spitz nevi. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 141, 99-103.	3.9	18
58	Melatonin-mediated effects on killifish reproductive axis. Comparative Biochemistry and Physiology Part A, Molecular & Drysiology, 2014, 172, 31-38.	1.8	25
59	A new approach to evaluate aging effects on human oocytes: Fourier transform infrared imaging spectroscopy study. Fertility and Sterility, 2014, 101, 120-127.	1.0	22
60	Vibrational characterization of female gametes: a comparative study. Analyst, The, 2014, 139, 5049-5060.	3.5	10
61	The Influence of Probiotics on Zebrafish <i>Danio Rerio</i> Innate Immunity and Hepatic Stress. Zebrafish, 2014, 11, 98-106.	1.1	66
62	Insights on diagnosis of oral cavity pathologies by infrared spectroscopy: A review. Journal of Molecular Structure, 2013, 1051, 226-232.	3.6	14
63	Infrared microspectroscopy of Oral Squamous Cell Carcinoma: Spectral signatures of cancer grading. Vibrational Spectroscopy, 2013, 68, 196-203.	2.2	18
64	Melatonin and Peripheral Circuitries: Insights on Appetite and Metabolism in <i>Danio Rerio</i> Zebrafish, 2013, 10, 275-282.	1.1	34
65	Melatonin effects on Fundulus heteroclitus reproduction. Reproduction, Fertility and Development, 2012, 24, 794.	0.4	17
66	The role of melatonin on zebrafish follicle development: An FT-IR imaging approach. Vibrational Spectroscopy, 2012, 62, 279-285.	2.2	14
67	Probiotics Can Induce Follicle Maturational Competence: The Danio rerioCase1. Biology of Reproduction, 2012, 86, 65.	2.7	71
68	Evaluation of human oocytes ageing by focal plane array (FPA) fourier transform infrared (FT-IR) imaging spectroscopy. Fertility and Sterility, 2011, 96, S238-S239.	1.0	4
69	FT-IR microscopic analysis on human dental pulp stem cells. Vibrational Spectroscopy, 2011, 57, 30-30.	2.2	20
70	Microimaging FT-IR of head and neck tumors. V. Odontogenic cystic lesions. Vibrational Spectroscopy, 2011, , .	2.2	2
71	Effects of Lactobacillus rhamnosus on zebrafish oocyte maturation: an FTIR imaging and biochemical analysis. Analytical and Bioanalytical Chemistry, 2010, 398, 3063-3072.	3.7	60
72	Melatonin control of oogenesis and metabolic resources in Zebrafish. Journal of Applied Ichthyology, 2010, 26, 826-830.	0.7	18

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73	FTIR microspectroscopy of melanocytic skin lesions: a preliminary study. Analyst, The, 2010, 135, 3213.	3.5	28
74	Microimaging FTIR of head and neck tumors. IV. Microscopy Research and Technique, 2009, 72, 67-75.	2.2	28
75	Micro-FTIR imaging spectroscopy of calcified atheromatous carotid plaques. Part IV. Journal of Molecular Structure, 2009, 922, 58-63.	3.6	1
76	Microimaging FT-IR of Head and Neck Tumours. The case of salivary glands. Head $\&$ Neck Oncology, 2009, 1, .	2.3	3
77	FT-IR Microspectroscopy on molecular building of Zebrafish oocytes. Journal of Molecular Structure, 2009, 938, 207-213.	3.6	26
78	Microimaging FT-IR spectroscopy on pathological breast tissues. Vibrational Spectroscopy, 2009, 51, 270-275.	2.2	55
79	FT-IR microimaging spectroscopy: A comparison between healthy and neoplastic human colon tissues. Journal of Molecular Structure, 2008, 881, 46-51.	3.6	41
80	Microimaging FT-IR of oral cavity tumours. Part III: Cells, inoculated tissues and human tissues. Journal of Molecular Structure, 2007, 834-836, 86-94.	3 . 6	19
81	FT-IR study on solvent effects in building blocks of bioactive compounds. V. Journal of Molecular Structure, 2006, 790, 89-93.	3.6	0
82	Spectroscopic and mechanical properties of dental resin composites cured with different light sources. Journal of Molecular Structure, 2005, 744-747, 641-646.	3 . 6	20
83	FT-IR microscopy imaging on oral cavity tumours, II. Journal of Molecular Structure, 2005, 744-747, 187-193.	3.6	20
84	FT-IR of trichloroacetoimidates in different solvent systems. Journal of Molecular Structure, 2005, 744-747, 417-423.	3.6	7
85	Self-Assembled Liposome-DNA-Metal Complexes Related to DNA Delivery. Molecular Crystals and Liquid Crystals, 2005, 434, 315/[643]-323/[651].	0.9	14
86	Histological and microscopy FT-IR imaging study on the proliferative activity and angiogenesis in head and neck tumours. Faraday Discussions, 2004, 126, 19.	3.2	23
87	FT-IR of unsaturated \hat{I}^2 -amino acids in different solvents systems. Journal of Molecular Structure, 2003, 651-653, 245-252.	3.6	9
88	Infrared microscopy characterisation of carotid plaques and thyroid tissue biopsies. Journal of Molecular Structure, 2003, 651-653, 419-426.	3.6	5
89	FT-IR study of two [2-oxo-pyrrolidin-4-yl]carboxylate diastereomers in different solvent systems. Journal of Molecular Structure, 1999, 480-481, 379-385.	3.6	20
90	Fourier transform infrared spectroscopy characterisation of carotid plaques. II. Journal of Molecular Structure, 1999, 482-483, 469-474.	3.6	3

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91	Nucleophilic attack on the nitrone tautomeric form of 1-hydroxy-2-phenylindole. Tetrahedron, 1998, 54, 5305-5314.	1.9	10
92	Competition between nucleophilic addition and electron-transfer process in the reaction of 9-diazo-10-anthrone with grignard reagents. Tetrahedron, 1996, 52, 6795-6802.	1.9	8
93	Fourier transform infrared spectrometry investigation of solvent effect on NH and CO stretching modes in N-acylaminopyridines. Vibrational Spectroscopy, 1996, 12, 249-255.	2.2	13
94	Complexes of azobisindoles with π-organic acceptors. Journal of Chemical Crystallography, 1995, 25, 683-691.	1.1	17
95	Molecular associations between indolizines and tetracyanoethylene. Journal of Heterocyclic Chemistry, 1994, 31, 1115-1119.	2.6	4
96	Molecular associations of hydrazones. X. Dihydrazones as twin-site donors. Journal of Crystallographic and Spectroscopic Research, 1992, 22, 443-447.	0.2	1
97	Molecular associations of [2.2]paracyclophanearylhydrazones with organic acceptors, VIII. Monatshefte FÃ1⁄4r Chemie, 1992, 123, 73-80.	1.8	2
98	Molecular complexes of hydrazides with copper(II). Monatshefte Fýr Chemie, 1992, 123, 231-236.	1.8	4
99	Molecular associations of hydrazones of heterocyclic systems. XI . Journal of Heterocyclic Chemistry, 1992, 29, 1331-1336.	2.6	0
100	Acid catalyzed rearrangements in the arylimino indoline series. PartIV. Reactions of 1,2-dihydro-2-phenyl-2-(indol-3-yl-derivatives)-3-phenylimino-3H-indole with trichloroacetic and hydrochloric acids. Crystal structure of 1,2-dihydro-2-phenyl-2-(indol-3-yl)-3-phenylimino-3H-indole. Journal of Heterocyclic Chemistry, 1992, 29, 1349-1355.	2.6	10
101	Molecular associations by Fourier transform infrared spectrometry. Part IV. Complexes of indoles with π*-organic acceptors. Vibrational Spectroscopy, 1992, 3, 67-71.	2.2	1
102	Fourier transform infrared spectroscopy: complexes of aromatic amines with organic acceptors. Part III. Vibrational Spectroscopy, 1991, 1, 347-351.	2.2	1
103	Molecular complexes. Spectrochimica Acta Part A: Molecular Spectroscopy, 1991, 47, 665-666.	0.1	6
104	Molecular associations of hydrazones with nitroaromatic acceptorsâ€"IX. Spectrochimica Acta Part A: Molecular Spectroscopy, 1991, 47, 1783-1785.	0.1	2
105	Crystal structure of the complex between 7,7,8,8-tetracyanoquinodimethane and 1-oxide-2-phenyl-quinoline. Journal of Crystallographic and Spectroscopic Research, 1990, 20, 419-423.	0.2	1
106	Molecular interactions between arylazopyridines and N-hydroxyindoles. Monatshefte FÃ $\frac{1}{4}$ r Chemie, 1990, 121, 165-171.	1.8	4
107	Molecular complexes of hydrazonesâ€"VIII. Nitrofluorenes and arylhydrazones. Spectrochimica Acta Part A: Molecular Spectroscopy, 1990, 46, 389-396.	0.1	8
108	The reaction of 1,1,2,2-ethenetetracarbonitrile (TCNE) with aminopyridines: Salts and charge transfer complex formation. Spectrochimica Acta Part A: Molecular Spectroscopy, 1989, 45, 519-523.	0.1	13

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109	METHYLATION OF BIDENTATE NITROGEN-CONTAINING HETEROCYCLES WITH METHYL IODIDE AND POTASSIUM HYDROXIDE IN DIMETHYL SULFOXIDE. Organic Preparations and Procedures International, 1989, 21, 751-756.	1.3	3
110	Electron-Donor-Acceptor (EDA) Complexes Of Aromatic Hydrocarbons With Organic Acceptors In Solution And In The Solid State. A Quantitative FT-IR Investigation Proceedings of SPIE, 1989, , .	0.8	1
111	Reactions of (tertiary phosphine)gold(I) substituted imidazoles or pyrazolones with acidic reagents: protonation, zole displacement, and adduct formation. Crystal structure determination of the adduct 1-methyl-2-(cyclohexylphosphinegoldthiolato)imidazole · 2benzimidazole. Journal of Organometallic Chemistry, 1988, 344, 119-135.	1.8	47
112	Gold(I) derivatives of heterocycles. Inorganica Chimica Acta, 1987, 137, 81-85.	2.4	13