

# Michele Mdf Di Foggia

## List of Publications by Year in descending order

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60  
papers

1,226  
citations

361413  
20  
h-index

414414  
32  
g-index

60  
all docs

60  
docs citations

60  
times ranked

1960  
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly(lactic acid fibre-reinforced polycaprolactone scaffolds for bone tissue engineering. <i>Biomaterials</i> , 2008, 29, 3662-3670.	11.4	184
2	Adsorption and Conformational Change of Myoglobin on Biomimetic Hydroxyapatite Nanocrystals Functionalized with Alendronate. <i>Langmuir</i> , 2008, 24, 4924-4930.	3.5	78
3	Biostimulant activity of humic substances extracted from leonardites. <i>Plant and Soil</i> , 2017, 420, 119-134.	3.7	58
4	Adsorption and spectroscopic characterization of lactoferrin on hydroxyapatite nanocrystals. <i>Dalton Transactions</i> , 2011, 40, 820-827.	3.3	51
5	<i>Aureobasidium pullulans</i> volatile organic compounds as alternative postharvest method to control brown rot of stone fruits. <i>Food Microbiology</i> , 2020, 87, 103395.	4.2	49
6	Effect of sulfoxides on the thermal denaturation of hen lysozyme: A calorimetric and Raman study. <i>Journal of Molecular Structure</i> , 2008, 891, 115-122.	3.6	48
7	Conjugation of hydroxyapatite nanocrystals with human immunoglobulin G for nanomedical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 90, 1-7.	5.0	48
8	The Influence of Hydroxyapatite Particles on In Vitro Degradation Behavior of Poly( $\epsilon$ -Caprolactone)-Based Composite Scaffolds. <i>Tissue Engineering - Part A</i> , 2009, 15, 3655-3668.	3.1	45
9	Comparative study on the wear behaviour of different conventional and cross-linked polyethylenes for total hip replacement. <i>Tribology International</i> , 2008, 41, 813-822.	5.9	39
10	Raman and SERS study on atrazine, prometryn and simetryn triazine herbicides. <i>Journal of Molecular Structure</i> , 2013, 1040, 139-148.	3.6	38
11	Application of thermal and spectroscopic techniques to assess fire-induced changes to soil organic matter in a Mediterranean forest. <i>Journal of Geochemical Exploration</i> , 2014, 143, 174-182.	3.2	33
12	Effects of Two Protein Hydrolysates Obtained From Chickpea ( <i>Cicer arietinum</i> L.) and <i>Spirulina platensis</i> on <i>Zea mays</i> (L.) Plants. <i>Frontiers in Plant Science</i> , 2019, 10, 954.	3.6	32
13	Effects of sterilisation by high-energy radiation on biomedical poly-( $\mu$ -caprolactone)/hydroxyapatite composites. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 1789-1797.	3.6	30
14	Metal ions modulate thermal aggregation of beta-lactoglobulin: A joint chemical and physical characterization. <i>Journal of Inorganic Biochemistry</i> , 2014, 137, 64-73.	3.5	28
15	DSC and Raman study of DMPC liposomes in presence of Ibuprofen at different pH. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 127, 1407-1417.	3.6	24
16	In vitro Bioactivity of Poly( $\epsilon$ -Caprolactone)-Apatite (PCL-AP) Scaffolds for Bone Tissue Engineering: The Influence of the PCL/AP Ratio. <i>International Journal of Artificial Organs</i> , 2006, 29, 719-725.	1.4	22
17	Blood Meal-Based Compound. Good Choice as Iron Fertilizer for Organic Farming. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 3995-4003.	5.2	22
18	Vibrational study of auto-assembling oligopeptides for biomedical applications. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 250-259.	2.5	21

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19	Raman characterisation of conventional and cross-linked polyethylene in acetabular cups run on a hip joint simulator. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 1344-1352.	2.5	21
20	Soil pyrogenic organic matter characterisation by spectroscopic analysis: a study on combustion and pyrolysis residues. <i>Journal of Soils and Sediments</i> , 2015, 15, 769-780.	3.0	20
21	Calorimetric and Raman investigation of cow's milk lactoferrin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 103, 41-47.	3.6	18
22	Preliminary Study on the Activity of Phycobiliproteins against <i>Botrytis cinerea</i> . <i>Marine Drugs</i> , 2020, 18, 600.	4.6	18
23	Study of the efficacy of <i>Aureobasidium</i> strains belonging to three different species: <i>A. pullulans</i> , <i>A. subglaciale</i> and <i>A. melanogenum</i> against <i>Botrytis cinerea</i> of tomato. <i>Annals of Applied Biology</i> , 2020, 177, 266-275.	2.5	16
24	Tomato seed biopriming with water extracts from <i>Anabaena minutissima</i> , <i>Ecklonia maxima</i> and <i>Jania adhaerens</i> as a new agro-ecological option against <i>Rhizoctonia solani</i> . <i>Scientia Horticulturae</i> , 2021, 281, 109921.	3.6	16
25	Structural Characteristics of "Hayward" Kiwifruits from Elephantiasis-Affected Plants Studied by DRIFT, FT-Raman, NMR, and SEM Techniques. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 4827-4832.	5.2	13
26	Accurate computational prediction of the structural and vibrational properties of s-triazine derivatives in vacuo. A DFT approach. <i>Computational and Theoretical Chemistry</i> , 2013, 1013, 85-91.	2.5	13
27	Raman and SERS study on ibuprofen metal complexes with biomedical interest. <i>Vibrational Spectroscopy</i> , 2014, 73, 45-55.	2.2	13
28	Glyphosate impacts on polyphenolic composition in grapevine ( <i>Vitis vinifera</i> L.) berries and wine. <i>Food Chemistry</i> , 2016, 213, 26-30.	8.2	12
29	Silk fibres grafted with 2-hydroxyethyl methacrylate (HEMA) and 4-hydroxybutyl acrylate (HBA) for biomedical applications. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 537-548.	7.5	12
30	An in vitro study on dentin demineralization and remineralization: Collagen rearrangements and influence on the enucleated phase. <i>Journal of Inorganic Biochemistry</i> , 2019, 193, 84-93.	3.5	12
31	Interactions between oligopeptides and oxidised titanium surfaces detected by vibrational spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 276-285.	2.5	11
32	DSC and Raman study on the effect of lysozyme and bovine serum albumin on phospholipids liposomes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 111, 1871-1880.	3.6	11
33	Physiological responses in roots of the grapevine rootstock 140 Ruggeri subjected to Fe deficiency and Fe-herm nutrition. <i>Plant Physiology and Biochemistry</i> , 2015, 96, 171-179.	5.8	11
34	Monitoring of compositional changes during berry ripening in grape seed extracts of cv. Sangiovese ( <i>Vitis vinifera</i> L.). <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 3058-3064.	3.5	11
35	DSC and Raman study on the interaction of DDT [1,1,1-trichloro-2,2-bis(p-chlorophenyl)-ethane] with liposomal phospholipids. <i>Pesticide Biochemistry and Physiology</i> , 2008, 92, 144-149.	3.6	10
36	Structural Lesions of Proteins Connected to Lipid Membrane Damages Caused by Radical Stress: Assessment by Biomimetic Systems and Raman Spectroscopy. <i>Biomolecules</i> , 2019, 9, 794.	4.0	10

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37	Vibrational characterization of self-assembling oligopeptides for tissue engineering on TiO <sub>2</sub> surfaces. Journal of Molecular Structure, 2009, 924-926, 120-126.	3.6	9
38	Blood-derived compounds can efficiently prevent iron deficiency in the grapevine. Australian Journal of Grape and Wine Research, 2015, 21, 135-142.	2.1	9
39	An emerging problem affecting apple production: <i>Neofusicoccum parvum</i> . <i>Aureobasidium pullulans</i> L1 and L8 strains as an alternative control strategy. Biological Control, 2019, 134, 157-162.	3.0	9
40	Mn-Containing Bioactive Glass-Ceramics: BMP-2-Mimetic Peptide Covalent Grafting Boosts Human-Osteoblast Proliferation and Mineral Deposition. Materials, 2022, 15, 4647.	2.9	9
41	Vibrational and calorimetric study on the effect of di-n-propylsulfoxide (DPSO) on DMPC, DPPC and DMPE liposomes. Journal of Molecular Structure, 2009, 935, 115-122.	3.6	8
42	Surface enhanced Raman scattering and quantum-mechanical calculations on self-assembling oligopeptides. Journal of Raman Spectroscopy, 2018, 49, 982-996.	2.5	8
43	Post-Harvest Non-Conventional and Traditional Methods to Control <i>Cadophora luteo-olivacea</i> : Skin Pitting Agent of <i>Actinidia chinensis</i> var. <i>deliciosa</i> (A. Chev.). Horticulturae, 2021, 7, 169.	2.8	8
44	Changes in organic compounds secreted by roots in two Poaceae species ( <i>Hordeum vulgare</i> and) Tj ETQq0 0 0 rgBT /Overlook 10 Tf 50 4	2.4	8
45	Raman and SERS study on cimetidine-metal complexes with biomedical interest. Journal of Raman Spectroscopy, 2011, 42, 612-620.	2.5	7
46	Degradative Ability of Mushrooms Cultivated on Corn Silage Digestate. Molecules, 2020, 25, 3020.	3.8	7
47	Characterization of apple cultivar susceptibility to <i>Neofusicoccum parvum</i> Brazilian strains. European Journal of Plant Pathology, 2020, 156, 939-951.	1.7	7
48	Assessing the Potential of the Terrestrial Cyanobacterium <i>Anabaena minutissima</i> for Controlling <i>Botrytis cinerea</i> on Tomato Fruits. Horticulturae, 2021, 7, 210.	2.8	6
49	Analysis of the soybean metallothionein system under free radical stress: protein modification connected to lipid membrane damage. Metallomics, 2018, 10, 1792-1804.	2.4	5
50	Structural investigation on damaged hair keratin treated with $\hat{1}\pm, \hat{1}^2$ -unsaturated Michael acceptors used as repairing agents. International Journal of Biological Macromolecules, 2021, 167, 620-632.	7.5	5
51	SERS Investigation on Oligopeptides Used as Biomimetic Coatings for Medical Devices. Biomolecules, 2021, 11, 959.	4.0	5
52	Spectroscopic investigation on the structural modifications induced by radical stress on oligopeptides for tissue engineering. Journal of Raman Spectroscopy, 2013, 44, 1446-1450.	2.5	4
53	The sunk-panel book-binding of a Renaissance Venetian Commissione Dogale: the scientific examination of the decoration materials. Heritage Science, 2018, 6, .	2.3	4
54	Vibrational Raman and IR data on brown hair subjected to bleaching. Data in Brief, 2021, 38, 107439.	1.0	3

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55	Spectroscopic and morphological data assessing the apatite-forming ability of calcium hydroxide-releasing materials for pulp capping. Data in Brief, 2019, 23, 103719.	1.0	2
56	Does the addition of vitamin E to conventional UHMWPE improve the wear performance of hip acetabular cups? Micro-Raman characterization of differently processed polyethylene acetabular cups worn on a hip joint simulator. Brazilian Journal of Medical and Biological Research, 2020, 53, e9930.	1.5	2
57	Testing a Bovine Blood-Derived Compound as Iron Supply on Cucumis sativus L.. Agronomy, 2020, 10, 1480.	3.0	1
58	Heat treatment effect on <i>Cadophora luteo-olivacea</i> of kiwifruit. Plant Pathology, 2022, 71, 644-653.	2.4	1
59	Vibrational Study on Structure and Bioactivity of Protein Fibers Grafted with Phosphorylated Methacrylates. Molecules, 2021, 26, 6487.	3.8	1
60	CARACTERÍSTICAS QUÍMICAS DE SOLO COM VITICULTURA ORGÂNICA E BIODINÂMICA. Scientia Agraria, 2016, 16, .	0.5	0