

Umile Gianfranco Spizzirri

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86

papers

3,201

citations

32

h-index

55

g-index

92

ext. papers

3,591

ext. citations

4.8

avg, IF

4.94

L-index

#	Paper	IF	Citations
86	New EU regulation aspects and global market of active and intelligent packaging for food industry applications. <i>Food Control</i> , 2010 , 21, 1425-1435	6.2	308
85	Covalent insertion of antioxidant molecules on chitosan by a free radical grafting procedure. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 5933-8	5.7	256
84	Polymer in Agriculture: a Review. <i>American Journal of Agricultural and Biological Science</i> , 2008 , 3, 299-314.	4.7	170
83	Synthesis of antioxidant polymers by grafting of gallic acid and catechin on gelatin. <i>Biomacromolecules</i> , 2009 , 10, 1923-30	6.9	157
82	Molecularly imprinted solid phase extraction for detection of sudan I in food matrices. <i>Food Chemistry</i> , 2005 , 93, 349-353	8.5	152
81	New restricted access materials combined to molecularly imprinted polymers for selective recognition/release in water media. <i>European Polymer Journal</i> , 2009 , 45, 1634-1640	5.2	106
80	Carbon nanotubes hybrid hydrogels in drug delivery: a perspective review. <i>BioMed Research International</i> , 2014 , 2014, 825017	3	105
79	Antioxidant polysaccharide conjugates for food application by eco-friendly grafting procedure. <i>Carbohydrate Polymers</i> , 2010 , 79, 333-340	10.3	99
78	Molecularly imprinted polymers for the selective extraction of glycyrrhizic acid from liquorice roots. <i>Food Chemistry</i> , 2011 , 125, 1058-1063	8.5	79
77	pH-sensitive hydrogels based on bovine serum albumin for oral drug delivery. <i>International Journal of Pharmaceutics</i> , 2006 , 312, 151-7	6.5	74
76	Polyphenol Conjugates and Human Health: A Perspective Review. <i>Critical Reviews in Food Science and Nutrition</i> , 2016 , 56, 326-37	11.5	73
75	Spherical gelatin/CNTs hybrid microgels as electro-responsive drug delivery systems. <i>International Journal of Pharmaceutics</i> , 2013 , 448, 115-22	6.5	70
74	Technological aspects and analytical determination of biogenic amines in cheese. <i>Trends in Food Science and Technology</i> , 2013 , 30, 38-55	15.3	70
73	Biological activity of a gallic acid-gelatin conjugate. <i>Biomacromolecules</i> , 2010 , 11, 3309-15	6.9	69
72	Grafted thermo-responsive gelatin microspheres as delivery systems in triggered drug release. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010 , 76, 48-55	5.7	67
71	Antioxidant multi-walled carbon nanotubes by free radical grafting of gallic acid: new materials for biomedical applications. <i>Journal of Pharmacy and Pharmacology</i> , 2011 , 63, 179-88	4.8	64
70	Enzyme immobilization on smart polymers: Catalysis on demand. <i>Reactive and Functional Polymers</i> , 2014 , 83, 62-69	4.6	53

69	Incorporation of carbon nanotubes into a gelatin-catechin conjugate: innovative approach for the preparation of anticancer materials. <i>International Journal of Pharmaceutics</i> , 2013 , 446, 176-82	6.5	46
68	Injectable Hydrogels for Cancer Therapy over the Last Decade. <i>Pharmaceutics</i> , 2019 , 11,	6.4	44
67	Removal of metal ions from aqueous solution by chelating polymeric microspheres bearing phytic acid derivatives. <i>European Polymer Journal</i> , 2008 , 44, 1183-1190	5.2	44
66	Determination of biogenic amines in different cheese samples by LC with evaporative light scattering detector. <i>Journal of Food Composition and Analysis</i> , 2013 , 29, 43-51	4.1	43
65	A new method for the determination of biogenic amines in cheese by LC with evaporative light scattering detector. <i>Talanta</i> , 2011 , 85, 363-9	6.2	43
64	Synthesis of methacrylic-ferulic acid copolymer with antioxidant properties by single-step free radical polymerization. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 10646-50	5.7	43
63	Selective determination of melamine in aqueous medium by molecularly imprinted solid phase extraction. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 11883-7	5.7	42
62	Starch-quercetin conjugate by radical grafting: synthesis and biological characterization. <i>Pharmaceutical Development and Technology</i> , 2012 , 17, 466-76	3.4	41
61	Structural Analysis and Diffusional Behavior of Molecularly Imprinted Polymer Networks for Cholesterol Recognition. <i>Chemistry of Materials</i> , 2005 , 17, 6719-6727	9.6	41
60	Determination of Phospholipids in Food Samples. <i>Food Reviews International</i> , 2012 , 28, 1-46	5.5	39
59	Surface modifications of molecularly imprinted polymers for improved template recognition in water media. <i>Journal of Polymer Research</i> , 2010 , 17, 355-362	2.7	39
58	Brewing effect on levels of biogenic amines in different coffee samples as determined by LC-UV. <i>Food Chemistry</i> , 2015 , 175, 143-50	8.5	38
57	Biodegradable gelatin-based nanospheres as pH-responsive drug delivery systems. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	37
56	Ferulic acid as a comonomer in the synthesis of a novel polymeric chain with biological properties. <i>Journal of Applied Polymer Science</i> , 2010 , 115, 784-789	2.9	35
55	Tunable thermo-responsive hydrogels: synthesis, structural analysis and drug release studies. <i>Materials Science and Engineering C</i> , 2015 , 48, 499-510	8.3	33
54	Albumin nanoparticles for glutathione-responsive release of cisplatin: New opportunities for medulloblastoma. <i>International Journal of Pharmaceutics</i> , 2017 , 517, 168-174	6.5	32
53	Carbon nanotubes hybrid hydrogels for electrically tunable release of Curcumin. <i>European Polymer Journal</i> , 2017 , 90, 1-12	5.2	31
52	Combining Carbon Nanotubes and Chitosan for the Vectorization of Methotrexate to Lung Cancer Cells. <i>Materials</i> , 2019 , 12,	3.5	27

51	Recent Advances in the Synthesis and Biomedical Applications of Nanocomposite Hydrogels. <i>Pharmaceutics</i> , 2015 , 7, 413-37	6.4	26
50	Accumulation of Biogenic Amines in Wine: Role of Alcoholic and Malolactic Fermentation. <i>Fermentation</i> , 2018 , 4, 6	4.7	24
49	Negative thermo-responsive microspheres based on hydrolyzed gelatin as drug delivery device. <i>AAPS PharmSciTech</i> , 2010 , 11, 652-62	3.9	23
48	Evaluation of fatty acids and biogenic amines profiles in mullet and tuna roe during six months of storage at 4°C. <i>Journal of Food Composition and Analysis</i> , 2015 , 40, 52-60	4.1	21
47	Polyphenol Conjugates by Immobilized Laccase: The Green Synthesis of Dextran-Catechin. <i>Macromolecular Chemistry and Physics</i> , 2016 , 217, 1488-1492	2.6	20
46	Novel functional cisplatin carrier based on carbon nanotubes-Quercetin nano hybrid induces synergistic anticancer activity against neuroblastoma in vitro. <i>RSC Advances</i> , 2014 , 4, 31378	3.7	19
45	Functional Gelatin-Carbon Nanotubes Nanohybrids With Enhanced Antibacterial Activity. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2015 , 64, 439-447	3	16
44	Synthesis of hydrophilic microspheres with LCST close to body temperature for controlled dual-sensitive drug release. <i>Polymers for Advanced Technologies</i> , 2011 , 22, 1705-1712	3.2	16
43	Synthesis of stimuli-responsive microgels for in vitro release of diclofenac diethyl ammonium. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011 , 22, 823-44	3.5	16
42	Antioxidant and spectroscopic studies of crosslinked polymers synthesized by grafting polymerization of ferulic acid. <i>Polymers for Advanced Technologies</i> , 2010 , 21, 774-779	3.2	16
41	Autochthonous white grape pomaces as bioactive source for functional jams. <i>International Journal of Food Science and Technology</i> , 2019 , 54, 1313-1320	3.8	16
40	Vasoactivity of Mantonico and Pecorello grape pomaces on rat aorta rings: An insight into nutraceutical development. <i>Journal of Functional Foods</i> , 2019 , 57, 328-334	5.1	15
39	Antioxidant activity of a Mediterranean food product: "fig syrup". <i>Nutrients</i> , 2011 , 3, 317-29	6.7	15
38	Chitosan-Quercetin Bioconjugate as Multi-Functional Component of Antioxidants and Dual-Responsive Hydrogel Networks. <i>Macromolecular Materials and Engineering</i> , 2019 , 304, 1800728	3.9	14
37	Synthesis and antioxidant efficiency of a new copolymer containing phosphorylated myo-inositol. <i>Macromolecular Bioscience</i> , 2005 , 5, 1049-56	5.5	14
36	Recent Development in the Synthesis of Eco-Friendly Polymeric Antioxidants. <i>Current Organic Chemistry</i> , 2014 , 18, 2912-2927	1.7	14
35	Poly(2-hydroxyethyl methacrylate)-quercetin Conjugate as Biomaterial in Ophthalmology: An "ab initio" Study. <i>Journal of Functional Biomaterials</i> , 2011 , 2, 1-17	4.8	13
34	Sangiovese Pomace Seeds Extract-Fortified Kefir Exerts Anti-Inflammatory Activity in an Model of Intestinal Epithelium Using Caco-2 Cells. <i>Antioxidants</i> , 2020 , 9,	7.1	12

33	Ciprofloxacin-collagen conjugate in the wound healing treatment. <i>Journal of Functional Biomaterials</i> , 2012 , 3, 361-71	4.8	12
32	Gastro-intestinal sustained release of phytic acid by molecularly imprinted microparticles. <i>Pharmaceutical Development and Technology</i> , 2010 , 15, 526-31	3.4	12
31	Molecular imprinting polymerization by Fenton reaction. <i>Colloid and Polymer Science</i> , 2010 , 288, 689-693	3.4	12
30	Improving Kefir Bioactive Properties by Functional Enrichment with Plant and Agro-Food Waste Extracts. <i>Fermentation</i> , 2020 , 6, 83	4.7	12
29	Influence of packaging conditions on biogenic amines and fatty acids evolution during 15 months storage of a typical spreadable salami ('Nduja). <i>Food Chemistry</i> , 2016 , 213, 115-122	8.5	12
28	Biogenic Amines, Phenolic, and Aroma-Related Compounds of Unroasted and Roasted Cocoa Beans with Different Origin. <i>Foods</i> , 2019 , 8,	4.9	10
27	Determination of biogenic amine profiles in conventional and organic cocoa-based products. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015 , 32, 1156-63	3.2	10
26	Carbon Nanohybrids as Electro-Responsive Drug Delivery Systems. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016 , 16, 658-67	3.2	10
25	Extraction Efficiency of Different Solvents and LC-UV Determination of Biogenic Amines in Tea Leaves and Infusions. <i>Journal of Analytical Methods in Chemistry</i> , 2016 , 2016, 8715287	2	10
24	Hydrolyzed gelatin-based polymersomes as delivery devices of anticancer drugs. <i>European Polymer Journal</i> , 2015 , 67, 304-313	5.2	9
23	Flavonoids preservation and release by methacrylic acid-grafted (N-vinyl-pyrrolidone). <i>Pharmaceutical Development and Technology</i> , 2013 , 18, 1058-65	3.4	9
22	Thermo-responsive albumin hydrogels with LCST near the physiological temperature. <i>Journal of Applied Polymer Science</i> , 2011 , 121, 342-351	2.9	9
21	Application of LC with Evaporative Light Scattering Detector for Biogenic Amines Determination in Fair Trade Cocoa-Based Products. <i>Food Analytical Methods</i> , 2016 , 9, 2200-2209	3.4	8
20	Temperature-sensitive hydrogels by graft polymerization of chitosan and N-isopropylacrylamide for drug release. <i>Pharmaceutical Development and Technology</i> , 2013 , 18, 1026-34	3.4	8
19	Stabilization of oxidable vitamins by flavonoid-based hydrogels. <i>Reactive and Functional Polymers</i> , 2013 , 73, 1030-1037	4.6	8
18	Cotton gauze-hydrogel composites: Valuable tools for electrically modulated drug delivery. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2016 , 65, 442-450	3	7
17	Synthesis, characterization and antimicrobial activity of conjugates based on fluoroquinolon-type antibiotics and gelatin. <i>Journal of Materials Science: Materials in Medicine</i> , 2014 , 25, 67-77	4.5	7
16	Dual Stimuli Responsive Gelatin-CNT Hybrid Films as a Versatile Tool for the Delivery of Anionic Drugs. <i>Macromolecular Materials and Engineering</i> , 2016 , 301, 1537-1547	3.9	6

15	Flavonoid-based pH-responsive hydrogels as carrier of unstable drugs in oxidative conditions. <i>Pharmaceutical Development and Technology</i> , 2015 , 20, 288-96	3-4	5
14	LC with Evaporative Light-Scattering Detection for Quantitative Analysis of Organic Acids in Juices. <i>Food Analytical Methods</i> , 2017 , 10, 704-712	3-4	5
13	Biogenic Amines as Quality Marker in Organic and Fair-Trade Cocoa-Based Products. <i>Sustainability</i> , 2016 , 8, 856	3.6	5
12	Valorisation of olive oil pomace extracts for a functional pear beverage formulation. <i>International Journal of Food Science and Technology</i> , 2020 ,	3.8	5
11	Biogenic amines profile and concentration in commercial milks for infants and young children. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2019 , 36, 337-349	3.2	4
10	Vasorelaxant Effects Induced by Red Wine and Pomace Extracts of Magliocco Dolce. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	4
9	Tailoring Flavonoids Antioxidant Properties Through Covalent Immobilization Into Dual Stimuli Responsive Polymers. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2015 , 64, 587-596	3	4
8	Nanotechnologies: An Innovative Tool to Release Natural Extracts with Antimicrobial Properties. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4
7	Formulation of New Baking (+)-Catechin Based Leavening Agents: Effects on Rheology, Sensory and Antioxidant Features during Muffin Preparation. <i>Foods</i> , 2020 , 9,	4.9	3
6	Functional Albumin Nanoformulations to Fight Adrenocortical Carcinoma: a Redox-Responsive Approach. <i>Pharmaceutical Research</i> , 2020 , 37, 55	4.5	3
5	Functional hydrogels with a multicyclic activity for bioremediation: Single-step preparation and characterization. <i>Journal of Applied Polymer Science</i> , 2016 , 133, n/a-n/a	2.9	3
4	Quality and Safety Issues Related With the Presence of Biogenic Amines in Coffee, Tea, and Cocoa-Based Beverages 2019 , 47-88		1
3	Food Security: A Global Problem 2013 , 19-102		
2	Hydrogels: Multi-Responsive Biomedical Devices 2017 , 699-722		
1	Food Analysis: A Brief Overview 2016 , 1-12		