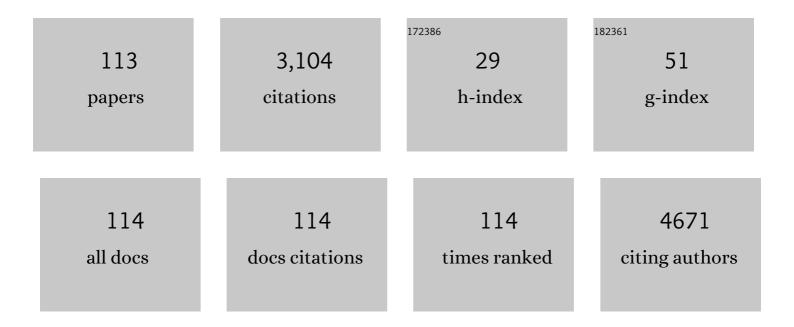
Giuseppe Ciccarella

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	HPLC-MS/MS method applied to an untargeted metabolomics approach for the diagnosis of "olive quick decline syndrome― Analytical and Bioanalytical Chemistry, 2022, 414, 465-473.	1.9	9
2	Controlled biocide release from smart delivery systems. , 2022, , 31-147.		0
3	Enhanced Bioactivity of Pomegranate Peel Extract following Controlled Release from CaCO3 Nanocrystals. Bioinorganic Chemistry and Applications, 2022, 2022, 1-16.	1.8	10
4	Effect of Nano Particles of Pomegranate Peel Extract on Shelf Life of Some Fruit and Vegetable Products. Lecture Notes in Civil Engineering, 2022, , 479-485.	0.3	0
5	Low-Intensity Light-Responsive Anticancer Activity of Platinum(II) Complex Nanocolloids on 2D and 3D In Vitro Cancer Cell Model. Bioinorganic Chemistry and Applications, 2022, 2022, 1-15.	1.8	2
6	Combustion performance of a low NOx gas turbine combustor using urea addition into liquid fuel. Fuel, 2021, 288, 119701.	3.4	5
7	HPLC-HRMS Global Metabolomics Approach for the Diagnosis of "Olive Quick Decline Syndrome― Markers in Olive Trees Leaves. Metabolites, 2021, 11, 40.	1.3	7
8	Biology-inspired photocatalysis: Recent advances in biomimetic photocatalytic nanosystems synthesis and applications. , 2021, , 603-648.		1
9	Application of calcium carbonate nanocarriers for controlled release of phytodrugs against <i>Xylella fastidiosa</i> pathogen. Pure and Applied Chemistry, 2020, 92, 429-444.	0.9	15
10	Insights into the role of the lead/surfactant ratio in the formation and passivation of cesium lead bromide perovskite nanocrystals. Nanoscale, 2020, 12, 623-637.	2.8	48
11	Visible Light-Activated Water-Soluble Platicur Nanocolloids: Photocytotoxicity and Metabolomics Studies in Cancer Cells. ACS Applied Bio Materials, 2020, 3, 6836-6851.	2.3	11
12	Sonication-Assisted Production of Fosetyl-Al Nanocrystals: Investigation of Human Toxicity and In Vitro Antibacterial Efficacy against Xylella fastidiosa. Nanomaterials, 2020, 10, 1174.	1.9	16
13	CaCO3 as an Environmentally Friendly Renewable Material for Drug Delivery Systems: Uptake of HSA-CaCO3 Nanocrystals Conjugates in Cancer Cell Lines. Materials, 2019, 12, 1481.	1.3	18
14	Effect of jet-A1 emulsified fuel on aero-engine performance and emissions. AIP Conference Proceedings, 2019, , .	0.3	2
15	Effects of Emulsified Fuel on the Performance and Emission Characteristics of Aeroengine Combustors. Journal of Engineering for Gas Turbines and Power, 2019, 141, .	0.5	4
16	Sub-nanomolar detection of biogenic amines by SERS effect induced by hairy Janus silver nanoparticles. Sensors and Actuators B: Chemical, 2018, 267, 265-271.	4.0	25
17	A Metabolomic Approach Applied to a Liquid Chromatography Coupled to Highâ€Resolution Tandem Mass Spectrometry Method (HPLCâ€ESIâ€HRMS/MS): Towards the Comprehensive Evaluation of the Chemical Composition of Cannabis Medicinal Extracts. Phytochemical Analysis, 2018, 29, 144-155.	1.2	35
18	Neuroprotective Investigation of Chitosan Nanoparticles for Dopamine Delivery. Applied Sciences (Switzerland), 2018, 8, 474.	1.3	18

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19	Cell-Penetrating CaCO3 Nanocrystals for Improved Transport of NVP-BEZ235 across Membrane Barrier in T-Cell Lymphoma. Cancers, 2018, 10, 31.	1.7	13
20	Scalable production of calcite nanocrystals by atomization process: Synthesis, characterization and biological interactions study. Advanced Powder Technology, 2017, 28, 2445-2455.	2.0	8
21	Glucose capped silver nanoparticles induce cell cycle arrest in HeLa cells. Toxicology in Vitro, 2017, 41, 64-74.	1.1	47
22	Effects of donor position on dibenzofulvene-based organic dyes for photovoltaics. Journal of Materials Science: Materials in Electronics, 2017, 28, 8694-8707.	1.1	8
23	Nanostructured polysaccharidic microcapsules for intracellular release of cisplatin. International Journal of Biological Macromolecules, 2017, 99, 187-195.	3.6	18
24	Orthogonal electronic coupling in multicentre arylamine mixed-valence compounds based on a dibenzofulvene–thiophene conjugated bridge. Chemical Communications, 2017, 53, 8960-8963.	2.2	19
25	Thermal and mechanical performance of rigid polyurethane foam added with commercial nanoparticles. Nanomaterials and Nanotechnology, 2017, 7, 184798041668411.	1.2	25
26	Biocatalytic Synthesis of Phospholipids and Their Application as Coating Agents for CaCO ₃ Nano-crystals: Characterization and Intracellular Localization Analysis. ChemistrySelect, 2016, 1, 6507-6514.	0.7	15
27	Surface reactivity and in vitro toxicity on human bronchial epithelial cells (BEAS-2B) of nanomaterials intermediates of the production of titania-based composites. Toxicology in Vitro, 2016, 34, 171-178.	1.1	10
28	Analytical and preparative enantioseparation and main chiroptical properties of Iridium(III) bis(4,6-difluorophenylpyridinato)picolinato. Journal of Chromatography A, 2016, 1467, 335-346.	1.8	30
29	Medicinal cannabis: Principal cannabinoids concentration and their stability evaluated by a high performance liquid chromatography coupled to diode array and quadrupole time of flight mass spectrometry method. Journal of Pharmaceutical and Biomedical Analysis, 2016, 128, 201-209.	1.4	113
30	Photodynamic activity of thiophene-derived lysosome-specific dyes. Journal of Photochemistry and Photobiology B: Biology, 2016, 158, 16-22.	1.7	7
31	A series of diphenylamine-fluorenone derivatives as potential fluorescent probes for neuroblastoma cell staining. Tetrahedron, 2016, 72, 2920-2928.	1.0	17
32	Synthesis and photovoltaic performance of dibenzofulvene-based organic sensitizers for DSSC. Tetrahedron, 2016, 72, 5788-5797.	1.0	5
33	An unexpected reversal in the pharmacological stereoselectivity of benzothiadiazine AMPA positive allosteric modulators. MedChemComm, 2016, 7, 2410-2417.	3.5	9
34	Trojan horses for drugs. Current Opinion in Lipidology, 2016, 27, 638-639.	1.2	0
35	Exploiting Photo- and Electroluminescence Properties of FIrpic Organic Crystals. Inorganic Chemistry, 2016, 55, 6532-6538.	1.9	5
36	Multiwalled Carbon Nanotubes (MWCNTs) as Ignition Agents for Air/Methane Mixtures. IEEE Nanotechnology Magazine, 2016, 15, 699-704.	1.1	13

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#	Article	IF	CITATIONS
37	[1]Benzothieno[3,2- <i>b</i>]benzothiophene-Based Organic Dyes for Dye-Sensitized Solar Cells. Journal of Organic Chemistry, 2016, 81, 3235-3245.	1.7	52
38	"Heart-cut―bidimensional achiral-chiral liquid chromatography applied to the evaluation of stereoselective metabolism, in vivo biological activity and brain response to chiral drug candidates targeting the central nervous system. Journal of Chromatography A, 2016, 1443, 152-161.	1.8	15
39	Synthesis and characterization of a new series of dibenzofulvene based organic dyes for DSSCs. Dyes and Pigments, 2016, 130, 79-89.	2.0	26
40	7-Chloro-5-(furan-3-yl)-3-methyl-4 <i>H</i> -benzo[<i>e</i>][1,2,4]thiadiazine 1,1-Dioxide as Positive Allosteric Modulator of α-Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid (AMPA) Receptor. The End of the Unsaturated-Inactive Paradigm?. ACS Chemical Neuroscience, 2016, 7, 149-160.	1.7	15
41	Efficient, Green Non-Aqueous Microwave-Assisted Synthesis of Anatase TiO2 and Pt Loaded TiO2 Nanorods with High Photocatalytic Performance. Nanomaterials and Nanotechnology, 2015, 5, 31.	1.2	8
42	Characterization of Polyurethane Foam Added with Synthesized Acetic and Oleic-Modified TiO ₂ Nanocrystals. Nanomaterials and Nanotechnology, 2015, 5, 26.	1.2	13
43	Interaction between Human Serum Albumin and Different Anatase TiO ₂ Nanoparticles: A Nano-bio Interface Study. Nanomaterials and Nanotechnology, 2015, 5, 30.	1.2	21
44	Synthesis of calcium carbonate nanocrystals and their potential application as vessels for drug delivery. AIP Conference Proceedings, 2015, , .	0.3	12
45	Properties of Aluminosilicate Refractories with Synthesized Boron-Modified TiO2 Nanocrystals. Nanomaterials and Nanotechnology, 2015, 5, 8.	1.2	9
46	Enhanced Photocatalytic Activity of Pure Anatase Tio2 and Pt-Tio2 Nanoparticles Synthesized by Green Microwave Assisted Route. Materials Research, 2015, 18, 473-481.	0.6	71
47	Properties of Nanocrystals-Formulated Aluminosilicate Bricks. Nanomaterials and Nanotechnology, 2015, 5, 28.	1.2	4
48	Synthesis of biocompatible polymeric nano-capsules based on calcium carbonate: A potential cisplatin delivery system. Journal of Inorganic Biochemistry, 2015, 153, 284-292.	1.5	29
49	Facile preparation of TiO2–polyvinyl alcohol hybrid nanoparticles with improved visible light photocatalytic activity. Applied Surface Science, 2015, 331, 292-298.	3.1	37
50	Design and synthesis of fluorenone-based dyes: two-photon excited fluorescent probes for imaging of lysosomes and mitochondria in living cells. Journal of Materials Chemistry B, 2015, 3, 3315-3323.	2.9	50
51	A predictive model of iron oxide nanoparticles flocculation tuning Z-potential in aqueous environment for biological application. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	28
52	Thiophene-based fluorescent probes with low cytotoxicity and high photostability for lysosomes in living cells. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 385-392.	1.1	14
53	Microwave-Assisted Synthesis of Boron-Modified TiO2 Nanocrystals. Inorganics, 2014, 2, 264-277.	1.2	14
54	External and internal gelation of pectin solutions: microscopic dynamics versus macroscopic rheology. Journal of Physics Condensed Matter, 2014, 26, 464106.	0.7	20

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#	Article	IF	CITATIONS
55	New organic dyes based on a dibenzofulvene bridge for highly efficient dye-sensitized solar cells. Journal of Materials Chemistry A, 2014, 2, 14181-14188.	5.2	31
56	Selective synthesis of TiO2 nanocrystals with morphology control with the microwave-solvothermal method. CrystEngComm, 2014, 16, 1817.	1.3	27
57	Synthesis of Ultrafine Anatase Titanium Dioxide (TiO ₂) Nanocrystals by the Microwave-Solvothermal Method. Journal of Nanoengineering and Nanomanufacturing, 2014, 4, 28-32.	0.3	10
58	Controllable One-Pot Synthesis of Anatase TiO2 Nanorods with the Microwave-Solvothermal Method. Science of Advanced Materials, 2014, 6, 1668-1675.	0.1	15
59	Fluorine–thiophene-substituted organic dyes for dye sensitized solar cells. Journal of Materials Chemistry A, 2013, 1, 11909.	5.2	25
60	Spray coating fabrication of organic solar cells bypassing the limit of orthogonal solvents. Applied Physics Letters, 2013, 102, .	1.5	13
61	Nonhydrolytic Route to Boronâ€Đoped TiO ₂ Nanocrystals. European Journal of Inorganic Chemistry, 2013, 2013, 364-374.	1.0	19
62	TGF-Beta Inihibitor-loaded Polyelectrolyte Multilayers Capsules for Sustained Targeting of Hepatocarcinoma Cells. Current Pharmaceutical Design, 2012, 18, 4155-4164.	0.9	16
63	Alkyl-vinyl-ethers from alcoholic substrates and the Zeise's salt, via square planarÂ[PtCl(N–N)(η1-CH2CH2OR)] complexes. Journal of Organometallic Chemistry, 2012, 714, 104-108.	0.8	20
64	Polyelectrolyte Capsules as Carriers for Growth Factor Inhibitor Delivery to Hepatocellular Carcinoma. Macromolecular Bioscience, 2012, 12, 656-665.	2.1	24
65	Ultra lightweight PMMA-based composite plates with robust super-hydrophobic surfaces. Journal of Colloid and Interface Science, 2011, 363, 668-675.	5.0	11
66	Organic Dyes Containing A Triple Bond Spacer for Dye Sensitized Solar Cells: A Combined Experimental and Theoretical Investigation. Current Organic Chemistry, 2011, 15, 3535-3543.	0.9	8
67	Modification of micro-channel filling flow by poly(dimethylsiloxane) surface functionalization with fluorine—Substituted aminonaphthols. Journal of Fluorine Chemistry, 2010, 131, 357-363.	0.9	9
68	Nanogels of poly(acrylic acid): Uptake and release behavior with fluorescent oligothiopheneâ€labeled bovine serum albumin. Journal of Applied Polymer Science, 2010, 116, 2808-2815.	1.3	9
69	Novel Preparation Method of TiO ₂ -Nanorod-Based Photoelectrodes for Dye-Sensitized Solar Cells with Improved Light-Harvesting Efficiency. Journal of Physical Chemistry C, 2010, 114, 4228-4236.	1.5	99
70	Surfactant-free synthesis of pure anatase TiO2 nanorods suitable for dye-sensitized solar cells. Journal of Materials Chemistry, 2010, 20, 7248.	6.7	55
71	First disubstituted dibenzothiophene-5,5-dioxide monodispersed molecular materials for efficient blue-electroluminescence. Journal of Materials Chemistry, 2010, 20, 1012-1018.	6.7	29
72	Synthesis of Poly(acrylic acid) Nanogels and Application in Loading and Release of an Oligothiophene Fluorophore and Its Bovine Serum Albumin Conjugate. Macromolecular Symposia, 2009, 281, 69-76.	0.4	15

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73	Solid Polymer Electrolyte Water Electrolyser Based on Nafionâ€TiO ₂ Composite Membrane for High Temperature Operation. Fuel Cells, 2009, 9, 247-252.	1.5	71
74	Smart surfaces for pH controlled cell staining. Soft Matter, 2009, 5, 4101.	1.2	10
75	Synthesis and optical behaviour of monodispersed oligo(fluorenylidene)s. Tetrahedron Letters, 2008, 49, 2078-2082.	0.7	12
76	Experimental Evidence That a DNA Polymerase Can Incorporate N7â€Platinated Guanines To Give Platinated DNA. Angewandte Chemie - International Edition, 2008, 47, 507-510.	7.2	31
77	RANDOM POLY(2, 7-FLUORENYLENEVINYLENE) COPOLYMERS OBTAINED BY A SUZUKI-HECK REACTION: SYNTHESIS AND PROPERTIES. AIP Conference Proceedings, 2008, , .	0.3	0
78	Synthesis, Spectral Stability, and Electroluminescent Properties of Random Poly(2,7-fluorenylenevinylene-co-3,6-carbazolylenevinylene) Obtained by a Suzukiâ^'Heck Cascade Reaction. Macromolecules, 2007, 40, 4865-4873.	2.2	34
79	Sequential Growth of Magic-Size CdSe Nanocrystals. Advanced Materials, 2007, 19, 548-552.	11.1	289
80	Microfluidic behaviour of perfluoropolyether fluids in poly(dimethylsiloxane) micro-channels. Journal of Fluorine Chemistry, 2007, 128, 1335-1339.	0.9	3
81	TiO2 nanoparticle thin film deposition by matrix assisted pulsed laser evaporation for sensing applications. Applied Surface Science, 2007, 253, 7937-7941.	3.1	31
82	Selective reactions on the tips of colloidal semiconductor nanorods. Journal of Materials Chemistry, 2006, 16, 3952.	6.7	108
83	Heterodimers Based on CoPt3â	6.6	202
84	A novel multisensing optical approach based on a single phthalocyanine thin films to monitoring volatile organic compounds. Sensors and Actuators B: Chemical, 2006, 113, 516-525.	4.0	41
85	Novel bifluorene based conjugated systems: synthesis and properties. Tetrahedron, 2006, 62, 627-634.	1.0	22
86	Heterogeneous optochemical VOC sensing layers selected by ESI-mass spectrometry. Biosensors and Bioelectronics, 2006, 22, 415-422.	5.3	5
87	Stepwise Sulfuration of the Terminal Phosphido Complextrans-[PtCl(PHCy2)2(PCy2)]: Synthesis of [Pt(l̂º2S,Sâ€2-PS2Cy2)(PHCy2)2]Cl and [Pt(l̂º2S,Sâ€2-PS2Cy2){l̂ºP-P(S)Cy2}(PHCy2)] and Crystal Structure of [Pt(l̂º2-S,S-PCy2S2)(l̂º-S-PCy2S2)(PHCy2)]. European Journal of Inorganic Chemistry, 2006, 2006, 2634-2641.	1.0	11
88	Synthesis of a Molecularly Imprinted Polymer for Dioxin. Sensors, 2006, 6, 915-924.	2.1	7
89	Use of cholesteryl polysulfides in self-assembly and soft lithography on Au(111) and ITO. Applied Surface Science, 2005, 246, 313-322.	3.1	5
90	Formation and characterization of glutamate dehydrogenase monolayers on silicon supports. Biosensors and Bioelectronics, 2005, 21, 30-40.	5.3	12

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91	Synthesis of Phosphido-Bridged Phosphinito Platinum(I) Complexes by Reaction of cis-PtCl2(PHCy2)2 with Oxygenated Bases - Crystal Structure of [(PCy2OMe)Pt(I¼-PCy2)]2(Pt-Pt). European Journal of Inorganic Chemistry, 2005, 2005, 4607-4616.	1.0	29
92	Optical characterization and analysis of the gas/surface adsorption phenomena on phthalocyanines thin films for gas sensing application. Sensors and Actuators B: Chemical, 2005, 106, 212-220.	4.0	53
93	Study of the surface morphology of a cholesteryl tethering system for lipidic bilayers. Biochimica Et Biophysica Acta - Biomembranes, 2005, 1714, 93-102.	1.4	3
94	Spin-coated thin films of different metal phthalocyanines and porphyrin-phthalocyanine blend for optochemical sensors of volatile organic compounds. , 2004, , .		1
95	Spectroscopic investigation of inner filter effects by phthalocyanine solutions. Journal of Photochemistry and Photobiology A: Chemistry, 2004, 163, 113-120.	2.0	13
96	Synthesis and Carbonylation of Platinum(II) Organometallic Complexes with Bis(phosphanyl) Monosulfidesâ^' Crystal Structures of [κ2P,S-{Ph2CH2P(S)Ph2}Pt(CH3)(Cl)] and [κP,μ-κS-{Ph2CH2CH2P(S)Ph2}Pt-(CH3)]2[BF4]2. European Journal of Inorganic Chemistry, 2004, 2004, 1234-1242.	1.0	14
97	Spin-coated thin films of metal porphyrin–phthalocyanine blend for an optochemical sensor of alcohol vapours. Sensors and Actuators B: Chemical, 2004, 100, 88-93.	4.0	78
98	UV-Vis absorption optosensing materials based on metallophthalocyanines thin films. Sensors and Actuators B: Chemical, 2004, 100, 135-138.	4.0	28
99	molecular oxygen with a terminal phosphido complexElectronic supplementary information (ESI) available: Fig. S1: ESI-MS positive spectrum of 2. Fig. S2: 1H NMR spectrum of 2 in the low-field region. Fig. S3: 195Pt{1H} NMR spectrum of 2. Fig. S4: 2-D 1H/195Pt XHCOR NMR spectrum of 2. Fig. S5: IR spectrum of 2 (Nuiol mull). Fig. S6: 31P{1H} NMR spectrum of 2. Fig. S7: I-resolved 1H NMR spots of 2. Table S1:	1.6	13
100	Spectrosco. Dalton Transactions, 2004, , 1117. Variation in the Optical Sensing Responses toward Vapors of a Porphyrin/Phthalocyanine Hybrid Thin Film. Chemistry of Materials, 2004, 16, 2083-2090.	3.2	46
101	OPTICAL SENSING PROPERTIES OF PHTHALOCYANINES THIN FILMS IN ARRAY CONFIGURATION AND THEIR APPLICATION IN VOCS DETECTION. , 2004, , .		2
102	Optochemical vapour detection using spin coated thin films of metal substituted phthalocyanines. Sensors and Actuators B: Chemical, 2003, 89, 86-91.	4.0	50
103	Metallophthalocyanines thin films in array configuration for electronic optical nose applications. Sensors and Actuators B: Chemical, 2003, 96, 489-497.	4.0	52
104	Novel phthalocyanines containing cardanol derivatives. Journal of Porphyrins and Phthalocyanines, 2003, 07, 52-57.	0.4	26
105	Synthesis of tailored phthalocyanines and their application as spin coated films in volatile organic compound detection. Journal of Porphyrins and Phthalocyanines, 2003, 07, 572-578.	0.4	10
106	Optical characterization of glutamate dehydrogenase monolayers chemisorbed onSiO2. Physical Review E, 2003, 67, 041902.	0.8	11
107	Optical sensors based on phthalocyanine thin films. , 2003, , .		0
108	Photocatalytic degradation of 4-nitrophenol in aqueous suspension by using polycrystalline TiO2 samples impregnated with Cu(II)-phthalocyanine. Applied Catalysis B: Environmental, 2002, 38, 309-319.	10.8	83

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109	Palladium(II) and bidentate phosphine-catalyzed selective synthesis ofN-aryl-2-pyrrolidinones via cyclocarbonylative coupling of 2-aminophenol and 2-aminothiophenol. Applied Organometallic Chemistry, 2002, 16, 537-542.	1.7	4
110	Cyclocarbonylation reactions of allylphenols and allylnaphthols catalyzed by Pd/C- 1,4-bis(diphenylphosphine)butane. Applied Organometallic Chemistry, 2002, 16, 543-546.	1.7	15
111	Synthesis and characterization of poly(2,3,5,6-tetrafluoro-1,4-phenylenevinylene). Chemical Communications, 2001, , 1940-1941.	2.2	32
112	Use of readily available chiral compounds related to the betti base in the enantioselective addition of diethylzinc to aryl aldehydes. Tetrahedron, 1999, 55, 14685-14692.	1.0	110
113	The Betti base: absolute configuration and routes to a family of related chiral nonracemic bases. Tetrahedron: Asymmetry, 1998, 9, 3667-3675.	1.8	76