

# Giuseppe Mele

## List of Publications by Year in descending order

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154  
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5,427  
citations

94269

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g-index

169  
all docs

169  
docs citations

169  
times ranked

6027  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecularly Imprinted Polymers: Present and Future Prospective. International Journal of Molecular Sciences, 2011, 12, 5908-5945.	1.8	809
2	Synthesis of a novel cardanol-based benzoxazine monomer and environmentally sustainable production of polymers and bio-composites. Green Chemistry, 2007, 9, 754.	4.6	254
3	Photocatalytic degradation of 4-nitrophenol in aqueous suspension by using polycrystalline TiO <sub>2</sub> impregnated with functionalized Cu(II)-porphyrin or Cu(II)-phthalocyanine. Journal of Catalysis, 2003, 217, 334-342.	3.1	205
4	Degradation of 4-nitrophenol (4-NP) using Fe-TiO <sub>2</sub> as a heterogeneous photo-Fenton catalyst. Journal of Hazardous Materials, 2010, 176, 569-574.	6.5	163
5	Plasticizer for poly(vinyl chloride) from cardanol as a renewable resource material. Polymer Degradation and Stability, 2010, 95, 2169-2174.	2.7	150
6	Efficient degradation of 4-nitrophenol by using functionalized porphyrin-TiO <sub>2</sub> photocatalysts under visible irradiation. Applied Catalysis B: Environmental, 2007, 76, 218-226.	10.8	134
7	Ãleo da castanha de caju: oportunidades e desafios no contexto do desenvolvimento e sustentabilidade industrial. Quimica Nova, 2009, 32, 732-741.	0.3	108
8	Cellulose Derivative-Hyaluronic Acid-Based Microporous Hydrogels Cross-Linked through Divinyl Sulfone (DVS) To Modulate Equilibrium Sorption Capacity and Network Stability. Biomacromolecules, 2004, 5, 92-96.	2.6	106
9	Enhanced photocatalytic degradation of rhodamine B by surface modification of ZnO with copper (II) porphyrin under both UV-vis and visible light irradiation. Journal of Molecular Catalysis A, 2013, 366, 84-91.	4.8	106
10	Environmentally sustainable production of cellulose-based superabsorbent hydrogels. Green Chemistry, 2006, 8, 439.	4.6	95
11	Study of technical CNSL and its main components as new green larvicides. Green Chemistry, 2009, 11, 31-33.	4.6	93
12	TRMC, XPS, and EPR Characterizations of Polycrystalline TiO <sub>2</sub> Porphyrin Impregnated Powders and Their Catalytic Activity for 4-Nitrophenol Photodegradation in Aqueous Suspension. Journal of Physical Chemistry B, 2005, 109, 12347-12352.	1.2	87
13	Photocatalytic Activity of Novel Tin Porphyrin/TiO <sub>2</sub> Based Composites. Journal of Physical Chemistry C, 2010, 114, 7857-7862.	1.5	87
14	Photocatalytic Degradation of 4-Nitrophenol in Aqueous Suspension by Using Polycrystalline TiO <sub>2</sub> Impregnated with Lanthanide Double-Decker Phthalocyanine Complexes. Journal of Physical Chemistry C, 2007, 111, 6581-6588.	1.5	85
15	Photocatalytic degradation of 4-nitrophenol in aqueous suspension by using polycrystalline TiO <sub>2</sub> samples impregnated with Cu(II)-phthalocyanine. Applied Catalysis B: Environmental, 2002, 38, 309-319.	10.8	83
16	Cardanol based matrix biocomposites reinforced with natural fibres. Composites Science and Technology, 2004, 64, 839-845.	3.8	81
17	Experimental evaluation of new inorganic phosphites as corrosion inhibitors for carbon steel in saline water from oil source wells. Desalination, 2016, 383, 38-45.	4.0	77
18	Novel meso-substituted porphyrins: Synthesis, characterization and photocatalytic activity of their TiO <sub>2</sub> -based composites. Dyes and Pigments, 2009, 80, 321-328.	2.0	70

#	ARTICLE	IF	CITATIONS
19	Polycrystalline TiO <sub>2</sub> impregnated with cardanol-based porphyrins for the photocatalytic degradation of 4-nitrophenol. <i>Green Chemistry</i> , 2004, 6, 604-608.	4.6	66
20	Influence of newly synthesized titanium phosphates on the corrosion protection properties of alkyd coating. <i>Journal of Molecular Liquids</i> , 2016, 216, 699-703.	2.3	63
21	The photocatalytic activity of novel, substituted porphyrin/TiO <sub>2</sub> -based composites. <i>Dyes and Pigments</i> , 2010, 84, 183-189.	2.0	61
22	Magnetic nanoparticles for a new drug delivery system to control quercetin releasing for cancer chemotherapy. <i>Journal of Nanoparticle Research</i> , 2011, 13, 6545-6553.	0.8	61
23	Cardanol-Based Materials as Natural Precursors for Olefin Metathesis. <i>Molecules</i> , 2011, 16, 6871-6882.	1.7	59
24	Novel epoxy/metal phthalocyanines nanocomposite coatings for corrosion protection of carbon steel. <i>Journal of Molecular Liquids</i> , 2016, 220, 513-517.	2.3	58
25	Fine Chemicals and New Hybrid Materials From Cardanol. <i>Mini-Reviews in Organic Chemistry</i> , 2008, 5, 243-253.	0.6	57
26	Novel hydroxyapatite nanorods improve anti-caries efficacy of enamel infiltrants. <i>Dental Materials</i> , 2016, 32, 784-793.	1.6	55
27	Synthesis and characteristics of alkyd resin/M-Porphyrins nanocomposite for corrosion protection application. <i>Progress in Organic Coatings</i> , 2017, 105, 286-290.	1.9	53
28	Stainless steel bipolar plate coated with polyaniline/Zn-Porphyrin composites coatings for proton exchange membrane fuel cell. <i>Scientific Reports</i> , 2020, 10, 3277.	1.6	53
29	Photoreduction of Carbon Dioxide to Formic Acid in Aqueous Suspension: A Comparison between Phthalocyanine/TiO <sub>2</sub> and Porphyrin/TiO <sub>2</sub> Catalysed Processes. <i>Molecules</i> , 2015, 20, 396-415.	1.7	51
30	TiO <sub>2</sub> -based photocatalysts impregnated with metallo-porphyrins employed for degradation of 4-nitrophenol in aqueous solutions: role of metal and macrocycle. <i>Research on Chemical Intermediates</i> , 2007, 33, 433-448.	1.3	44
31	Turning lipophilic phthalocyanines/TiO <sub>2</sub> composites into efficient photocatalysts for the conversion of CO <sub>2</sub> into formic acid under UV-vis light irradiation. <i>Applied Catalysis A: General</i> , 2014, 481, 169-172.	2.2	44
32	Metal-Free Multilayer Hybrid PENG Based on Soft Electrospun/Sprayed Membranes with Cardanol Additive for Harvesting Energy from Surgical Face Masks. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 20606-20621.	4.0	44
33	Synthesis and reactions of nitro derivatives of hydrogenated cardanol. <i>Tetrahedron</i> , 2006, 62, 6113-6120.	1.0	43
34	Solvent Free Synthesis of Novel Mono- and Bis-Benzoxazines from Cashew Nut Shell Liquid Components. <i>Current Organic Chemistry</i> , 2012, 16, 2613-2621.	0.9	41
35	Polyaniline/Zn-phthalocyanines nanocomposite for protecting zinc electrode in Zn-air battery. <i>Journal of Power Sources</i> , 2019, 443, 227264.	4.0	41
36	Heterogenized Pyridine-Substituted Cobalt(II) Phthalocyanine Yields Reduction of CO <sub>2</sub> by Tuning the Electron Affinity of the Co Center. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 5251-5258.	4.0	41

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37	Tetrabromo Hydrogenated Cardanol: Efficient and Renewable Brominating Agent. <i>Organic Letters</i> , 2006, 8, 4291-4293.	2.4	39
38	Palladium-catalysed cyclocarbonylation reactions in dimethyl carbonate, an eco-friendly solvent and ring-opening reagent. <i>Applied Organometallic Chemistry</i> , 2003, 17, 835-839.	1.7	37
39	MZnFe <sub>2</sub> O <sub>4</sub> (M <sup>A</sup> =Ni, Mn) cubic superparamagnetic nanoparticles obtained by hydrothermal synthesis. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	37
40	Rapid Sonochemical Approach Produces Functionalized Fe <sub>3</sub> O <sub>4</sub> Nanoparticles with Excellent Magnetic, Colloidal, and Relaxivity Properties for MRI Application. <i>Journal of Physical Chemistry C</i> , 2017, 121, 24206-24222.	1.5	37
41	Structural and Molecular Characterization of meso-Substituted Zinc Porphyrins: A DFT Supported Study. <i>Molecules</i> , 2011, 16, 9957-9971.	1.7	34
42	Metalloporphyrin intercalation in liposome membranes: ESR study. <i>Journal of Biological Inorganic Chemistry</i> , 2011, 16, 173-181.	1.1	34
43	Cashew Nutshell Liquid (CNSL): From an Agro-industrial Waste to a Sustainable Alternative to Petrochemical Resources. , 2017, , 19-38.		34
44	Synthesis of Heterocycles by Transition Metals-Catalyzed Cyclocarbonylation Reactions. <i>Current Organic Chemistry</i> , 2006, 10, 1397-1421.	0.9	33
45	Spectral and thermal studies on the synthesis and catalyzed oligomerization of novel cardanol-based benzoxazines. <i>Polymer</i> , 2016, 92, 189-200.	1.8	33
46	Efficient removal of low-arsenic concentrations from drinking water by combined coagulation and adsorption processes. <i>Separation and Purification Technology</i> , 2015, 147, 284-291.	3.9	32
47	Aminium salts catalyzed rearrangement of $\alpha$ -pinene and $\beta$ -ionone oxides. <i>Tetrahedron</i> , 1994, 50, 9097-9106.	1.0	31
48	Synthesis of novel lipophilic porphyrin-cardanol derivatives. <i>Journal of Porphyrins and Phthalocyanines</i> , 2004, 08, 1276-1284.	0.4	31
49	Sustainable Preparation of Cardanol-Based Nanocarriers with Embedded Natural Phenolic Compounds. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 1299-1304.	3.2	31
50	A New Ion-Imprinted Chitosan-Based Membrane with an Azo-Derivative Ligand for the Efficient Removal of Pd(II). <i>Materials</i> , 2017, 10, 1133.	1.3	29
51	PANI@Co-Porphyrins composite for the construction of supercapacitors. <i>Journal of Energy Storage</i> , 2019, 26, 101013.	3.9	29
52	Influence of Cardanol Oil on the Properties of Poly(lactic acid) Films Produced by Melt Extrusion. <i>ACS Omega</i> , 2019, 4, 718-726.	1.6	29
53	Use of Novel Cardanol-Porphyrin Hybrids and Their TiO <sub>2</sub> -Based Composites for the Photodegradation of 4-Nitrophenol in Water. <i>Molecules</i> , 2011, 16, 5769-5784.	1.7	27
54	First Example of a Lipophilic Porphyrin-Cardanol Hybrid Embedded in a Cardanol-Based Micellar Nanodispersion. <i>Molecules</i> , 2012, 17, 12252-12261.	1.7	27

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55	Novel phthalocyanines containing cardanol derivatives. <i>Journal of Porphyrins and Phthalocyanines</i> , 2003, 07, 52-57.	0.4	26
56	Magnetic nanoparticles coated with anacardic acid derived from cashew nut shell liquid. <i>Journal of Materials Science</i> , 2013, 48, 7875-7882.	1.7	26
57	Photocatalytic activity of nano and microcrystalline TiO <sub>2</sub> hybrid systems involving phthalocyanine or porphyrin sensitizers. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 361-366.	1.6	25
58	Magnetic Nanosystem for Cancer Therapy Using Oncocalyxone A, an Antitumour Secondary Metabolite Isolated from a Brazilian Plant. <i>International Journal of Molecular Sciences</i> , 2013, 14, 18269-18283.	1.8	25
59	Controlling micropollutants in tertiary municipal wastewater by O <sub>3</sub> /H <sub>2</sub> O <sub>2</sub> , granular biofiltration and UV254/H <sub>2</sub> O <sub>2</sub> for potable reuse applications. <i>Chemosphere</i> , 2020, 239, 124635.	4.2	25
60	Palladium (II) catalyzed regioselective lactonization of steroids. Chemoselective construction of novel estrone derivatives. <i>Tetrahedron Letters</i> , 1999, 40, 1771-1774.	0.7	24
61	Comparison of the photocatalytic degradation of 2-propanol in gas/solid and liquid/solid systems by using TiO <sub>2</sub> /LnPc <sub>2</sub> hybrid powders. <i>Catalysis Today</i> , 2009, 143, 203-210.	2.2	24
62	Novel Lipophilic Lanthanide Bis-Phthalocyanines Functionalized by Pentadecylphenoxy Groups: Synthesis, Characterization and UV-Photostability. <i>Molecules</i> , 2012, 17, 10738-10753.	1.7	24
63	Synthesis and Evaluation of Pyrido[2,3-d]pyrimidine and 1,8-Naphthyridine Derivatives as Potential Antitumor Agents. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 295-300.	1.4	24
64	Green Aspects in Molecularly Imprinted Polymers by Biomass Waste Utilization. <i>Polymers</i> , 2021, 13, 2430.	2.0	24
65	Synthesis of bislactones catalysed by a Pd-dppb system. <i>Applied Organometallic Chemistry</i> , 2000, 14, 739-743.	1.7	23
66	An efficient route to biscardanol derivatives and cardanol-based porphyrins via olefin metathesis. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 5383-5390.	0.8	23
67	Novel ferrofluids coated with a renewable material obtained from cashew nut shell liquid. <i>Microfluidics and Nanofluidics</i> , 2012, 12, 677-686.	1.0	23
68	Electron-transfer reactions of hindered olefins induced by aminium salts. <i>Tetrahedron Letters</i> , 1991, 32, 117-120.	0.7	22
69	Exploring corrosion protection properties of alkyd/lanthanide bis-phthalocyanine nanocomposite coatings. <i>RSC Advances</i> , 2018, 8, 1909-1916.	1.7	22
70	Impact of different TiO <sub>2</sub> samples and porphyrin substituents on the photocatalytic performance of TiO <sub>2</sub> @copper porphyrin composites. <i>Catalysis Today</i> , 2017, 281, 45-52.	2.2	21
71	Synthesis of novel porphyrins cardanol based via cross metathesis. <i>Catalysis Today</i> , 2009, 140, 37-43.	2.2	20
72	Porphyrin synthesized from cashew nut shell liquid as part of a novel superparamagnetic fluorescence nanosystem. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	20

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73	Reactions on aromatic olefins induced by aminium salts: protic-acid or radical cation catalyzed processes. <i>Tetrahedron</i> , 1994, 50, 12685-12696.	1.0	18
74	The solid- and solution-state structures of 2-nitrosopyridine and its 3- and 4-methyl derivatives. <i>Perkin Transactions II RSC</i> , 2000, , 2280-2286.	1.1	18
75	Interfacial Properties of Substituted Fulleropyrrolidines on the Water Surface. <i>Langmuir</i> , 2000, 16, 4599-4606.	1.6	18
76	New ZnO@Cardanol Porphyrin Composite Nanomaterials with Enhanced Photocatalytic Capability under Solar Light Irradiation. <i>Materials</i> , 2017, 10, 1114.	1.3	18
77	Influence of natural substituents in the polymerization behavior of novel bio-based benzoxazines. <i>Materials Today Communications</i> , 2019, 21, 100629.	0.9	18
78	Noncovalent imprinted microspheres: Preparation, evaluation and selectivity of DBU template. <i>Journal of Applied Polymer Science</i> , 2007, 105, 2190-2197.	1.3	17
79	Cyclocarbonylation reactions of allylphenols and allylnaphthols catalyzed by Pd/C-1,4-bis(diphenylphosphine)butane. <i>Applied Organometallic Chemistry</i> , 2002, 16, 543-546.	1.7	15
80	Long-range order induced by cobalt porphyrin adsorption on aminothiophenol-functionalized Au(111): the influence of the induced dipole. <i>Materials Science and Engineering C</i> , 2004, 24, 569-573.	3.8	15
81	First evidence of formation of stable DBU $\text{Zn}$ -phthalocyanine complexes: synthesis and characterization. <i>Journal of Porphyrins and Phthalocyanines</i> , 2005, 09, 519-527.	0.4	15
82	Effect of covalent functionalization of C60 fullerene on its encapsulation by water soluble calixarenes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008, 60, 71-78.	1.6	15
83	Formulation and Chemical Stability in Aqueous Media of Cannabidiol Embedded in Cardanol-Based Nanovesicles. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 8870-8875.	3.2	15
84	C3N4 Impregnated with Porphyrins as Heterogeneous Photocatalysts for the Selective Oxidation of 5-Hydroxymethyl-2-Furfural Under Solar Irradiation. <i>Topics in Catalysis</i> , 2021, 64, 758-771.	1.3	15
85	Pinacolone rearrangement induced by aminium salts. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994, , 779-781.	0.9	14
86	Catalytic and selective synthesis of lactones and bis-lactones by palladium acetate/1,4-bis(diphenylphosphino)butane system under syngas conditions. <i>Journal of Molecular Catalysis A</i> , 2003, 204-205, 97-105.	4.8	14
87	Synthesis and characterization of binuclear manganese(IV,IV) and mononuclear cobalt(II) complexes based on 2-(2-hydroxyphenyl)-1H-benzimidazole. <i>Journal of Coordination Chemistry</i> , 2010, 63, 90-98.	0.8	14
88	Effect of solvent composition on the structural and magnetic properties of MnZn ferrite nanoparticles obtained by hydrothermal synthesis. <i>Microfluidics and Nanofluidics</i> , 2014, 17, 233-244.	1.0	14
89	Ethylene photo-oxidation on copper phthalocyanine sensitized TiO <sub>2</sub> films under solar radiation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 346, 523-529.	2.0	14
90	Improving the sustainability of biodiesel by controlling the corrosive effects of soybean biodiesel on aluminum alloy 5052 H32 via cardanol. <i>Industrial Crops and Products</i> , 2019, 130, 146-150.	2.5	14

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91	Aerobic epoxidation of hindered olefins and enol ethers catalyzed by a polymerizable $\beta^2$ -ketoesterate complex of iron(III). <i>Tetrahedron Letters</i> , 1994, 35, 3633-3636.	0.7	13
92	Aminium Salts Induced Desulphurization of Allyl and Diallyl Thiiranes. Synthesis of Dienes and Trienes. <i>Tetrahedron</i> , 1995, 51, 8935-8940.	1.0	13
93	Cardanol-based green nanovesicles with antioxidant and cytotoxic activities. <i>Journal of Experimental Nanoscience</i> , 2016, 11, 1274-1284.	1.3	13
94	Photo-ignition process of multiwall carbon nanotubes and ferrocene by continuous wave Xe lamp illumination. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 134-144.	1.5	13
95	New porphyrin/Cu(II) porphyrin-TiO <sub>2</sub> nanohybrids for improved photocatalytic oxidation and reduction activities. <i>Materials Chemistry and Physics</i> , 2020, 252, 123228.	2.0	13
96	Aluminum Metal-Organic Framework Triggers Carbon Dioxide Reduction Activity. <i>ACS Applied Energy Materials</i> , 2020, 3, 1286-1291.	2.5	13
97	A dinuclear diamagnetic copper(II) complex [Cu <sub>2</sub> (ophen) <sub>2</sub> ]Cl <sub>2</sub> with hydroxylated phen. <i>Journal of Coordination Chemistry</i> , 2008, 61, 4033-4039.	0.8	12
98	Rectification in Supramolecular Zinc Porphyrin/Fulleropyrrolidine Dyads Self-Organized on Gold(111). <i>ChemPhysChem</i> , 2009, 10, 2633-2641.	1.0	12
99	Light-Emitting Porphyrin Derivative Obtained from a Subproduct of the Cashew Nut Shell Liquid: A Promising Material for OLED Applications. <i>Materials</i> , 2019, 12, 1063.	1.3	12
100	Bio-based benzoxazines synthesized in a deep eutectic solvent: A greener approach toward vesicular nanosystems. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 768-773.	1.4	12
101	Hydrogen Bond-Mediated Conjugates Involving Lanthanide Diphthalocyanines and Trifluoroacetic Acid (Lnpc <sub>2</sub> @TFA): Structure, Photoactivity, and Stability. <i>Molecules</i> , 2020, 25, 3638.	1.7	12
102	Low-temperature metalorganic vapor phase epitaxial growth of ZnS using diethyldisulphide as a sulphur precursor. <i>Journal of Applied Physics</i> , 1998, 84, 6460-6462.	1.1	11
103	meso-Aryl-substituted free-base porphyrins: formation, structure and photostability of diprotonated species. <i>Research on Chemical Intermediates</i> , 2016, 42, 3789-3804.	1.3	11
104	Novel H <sub>2</sub> Pc/Epoxy nanocomposites: Electrochemical and mechanical property investigation as anti-corrosive coating. <i>Progress in Organic Coatings</i> , 2018, 119, 31-35.	1.9	11
105	Novel nanocomposites of Ni-Pc/polyaniline for the corrosion safety of the aluminum current collector in the Li-ion battery electrolyte. <i>Scientific Reports</i> , 2021, 11, 12371.	1.6	11
106	New opportunity for sustainable benzoxazine synthesis: A straight and convenient one-pot protocol for formaldehyde-free bio-based polymers. <i>European Polymer Journal</i> , 2021, 156, 110596.	2.6	11
107	Synthesis of novel nitroso-fulleropyrrolidines. <i>Tetrahedron Letters</i> , 2002, 43, 4969-4972.	0.7	10
108	Fluidity of Liposome Membranes Doped with Metalloporphyrins: An ESR Study. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2008, 63, 440-444.	0.6	10

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109	Grain Size Control of the Magnetic Nanoparticles by Solid State Route Modification. <i>Journal of Materials Engineering and Performance</i> , 2013, 22, 2073-2079.	1.2	10
110	Hybrid TiO <sub>2</sub> @ phthalocyanine catalysts in photooxidation of 4-nitrophenol: Effect of the matrix and sensitizer type. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 387, 112124.	2.0	10
111	Development of Fully Bio-Based Lubricants from Agro-Industrial Residues under Environmentally Friendly Processes. <i>European Journal of Lipid Science and Technology</i> , 2020, 122, 1900424.	1.0	10
112	Oxidation-proof microemulsions: Microstructure and reactivity in the presence of dioxiranes. <i>Journal of Colloid and Interface Science</i> , 2013, 408, 138-144.	5.0	9
113	Nanomaterials Based on Fe <sub>3</sub> O <sub>4</sub> and Phthalocyanines Derived from Cashew Nut Shell Liquid. <i>Molecules</i> , 2019, 24, 3284.	1.7	9
114	Zinc Porphyrin-Driven Assembly of Gold Nanofingers. <i>Small</i> , 2008, 4, 497-506.	5.2	8
115	Structural, photophysical and electrochemical properties of a novel cardanol-based salophen ligand and its Mn(II) complex. <i>Journal of Molecular Structure</i> , 2019, 1181, 279-286.	1.8	8
116	Synthesis of new meso-tetraarylporphyrins bearing cardanol and further transformation of the unsaturated chains. <i>Journal of Porphyrins and Phthalocyanines</i> , 2006, 10, 1071-1079.	0.4	7
117	A self-assembly of graphene oxide@Fe <sub>3</sub> O <sub>4</sub> /metallo-phthalocyanine nanohybrid materials: synthesis, characterization, dielectric and thermal properties. <i>Journal of Materials Science</i> , 2017, 52, 9546-9557.	1.7	7
118	Experimental and theoretical evaluations on Oleuropein as a natural origin corrosion inhibitor for copper in acidic environment. <i>Scientific Reports</i> , 2022, 12, 7579.	1.6	7
119	Functional validation of novel Se and S alkyl precursors for the low temperature pyrolytic MOVPE growth of ZnSe, ZnS and ZnSSe. <i>Materials Chemistry and Physics</i> , 2000, 66, 253-258.	2.0	6
120	Superparamagnetic nano-biocomposites for application as dielectric resonator antennas. <i>Materials Chemistry and Physics</i> , 2017, 185, 104-113.	2.0	6
121	Improved Photo-Ignition of Carbon Nanotubes/Ferrocene Using a Lipophilic Porphyrin under White Power LED Irradiation. <i>Materials</i> , 2018, 11, 127.	1.3	6
122	Impact of metalloporphyrin-based porous coordination polymers on catalytic activities for the oxidation of alkylbenzene. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5501.	1.7	6
123	Photodynamic effect of palladium porphyrin derived from cashew nut shell liquid against promastigote forms of <i>Leishmania braziliensis</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 33, 102083.	1.3	6
124	One-pot conversion of $\alpha$ -substituted arylacetaldehydes into $\alpha$ -dicarbonyl compounds. <i>Tetrahedron Letters</i> , 1993, 34, 3897-3900.	0.7	5
125	Reactions on (R) and (S)-1,1,2-triphenyl-1,2-ethandiols induced by aminium salts and protic acids. Solvent effect. <i>Tetrahedron</i> , 1997, 53, 10817-10826.	1.0	5
126	Characterization of functionalised porphyrin films using synchrotron radiation. <i>Applied Surface Science</i> , 2005, 248, 40-44.	3.1	5



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127	Palladium-catalyzed asymmetric cyclocarbonylation of allyl naphthols. <i>Canadian Journal of Chemistry</i> , 2005, 83, 674-680.	0.6	5
128	In vitro antileishmanial activity of sustainable anacardic acid and cardol based silver nanoparticles on <i>L. braziliensis</i> . <i>International Journal of Pharmaceutics</i> , 2022, 619, 121698.	2.6	5
129	Optimal integration of vacuum UV with granular biofiltration for advanced wastewater treatment: Impact of process sequence on CECs removal and microbial ecology. <i>Water Research</i> , 2022, 220, 118638.	5.3	5
130	Palladium(II) and bidentate phosphine-catalyzed selective synthesis of N-aryl-2-pyrrolidinones via cyclocarbonylative coupling of 2-aminophenol and 2-aminothiophenol. <i>Applied Organometallic Chemistry</i> , 2002, 16, 537-542.	1.7	4
131	[5,10,15,20-Tetrakis(4-tert-butylphenyl)porphyrinato- $\lambda^4$ N]zinc(II) toluene solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m2582-m2582.	0.2	4
132	Cardanol-Based Heterocycles: Synthesis and Applications. , 2017, , 39-56.		4
133	TiO <sub>2</sub> @lipophilic Porphyrin Composites: New Insights into Tuning the Photoreduction of Cr(VI) to Cr(III) in Aqueous Phase. <i>Journal of Composites Science</i> , 2020, 4, 82.	1.4	4
134	Thermal and photochemical behavior of trans-ruthenium(II) dichloride tetrakisphosphite complexes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 184, 265-272.	2.0	3
135	Rectifying behaviour of self assembled porphyrin/fullerene dyads on Au(111). <i>Journal of Physics: Conference Series</i> , 2007, 61, 795-799.	0.3	3
136	Luminescence quenching of <sup>*</sup> [Ru(bpy) <sub>3</sub> ] <sup>2+</sup> by ruthenium(II) tetrakisphosphite complexes with different phosphite ligands. <i>Journal of Luminescence</i> , 2009, 129, 1260-1265.	1.5	3
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