Tommaso Carofiglio

List of Publications by Year in Descending Order

60 papers	1,568 citations	25 h-index	36 g-index
62 ext. papers	1,649 ext. citations	5 avg, IF	3.91 L-index

#	Paper	IF	Citations
60	Achieving selectivity in porphyrin bromination through a DoE-driven optimization under continuous flow conditions. *Journal of Flow Chemistry*, **2021**, 11, 163-169	3.3	
59	Ligand-free ZnS nanoparticles: as easy and green as it gets. *Chemical Communications*, **2020**, 56, 8707-8710	5.8	4
58	Microfluidic Crystallization of Surfactant-Free Doped Zinc Sulfide Nanoparticles for Optical Bioimaging Applications. *ACS Applied Materials & Interfaces*, **2020**, 12, 44074-44087	9.5	5
57	A microfluidic photoreactor enables 2-methylbenzophenone light-driven reactions with superior performance. *Chemical Communications*, **2018**, 54, 6820-6823	5.8	24
56	Microfluidic light-driven synthesis of tetracyclic molecular architectures. *Beilstein Journal of Organic Chemistry*, **2018**, 14, 2418-2424	2.5	14
55	Synthesis and Catalytic Activity of Gold Nanoparticles Supported on Dendrimeric Nanocellulose Hybrids. *European Journal of Organic Chemistry*, **2016**, 2016, 3186-3192	3.2	16
54	A nanocellulose-dye conjugate for multi-format optical pH-sensing. *Chemical Communications*, **2014** , 50, 9493-6	5.8	36
53	Chemistry of Carbon Nanotubes in Flow. *Journal of Flow Chemistry*, **2014**, 4, 79-85	3.3	13
52	Stereoselective photopolymerization of tetraphenylporphyrin derivatives on Ag(110) at the sub-monolayer level. *Chemistry - A European Journal*, **2014**, 20, 14296-304	4.8	35
51	Nanocrystalline cellulose-porphyrin hybrids: synthesis, supramolecular properties, and singlet-oxygen production. *Chemical Communications*, **2013**, 49, 8525-7	5.8	21
50	Sensitization of Nanocrystalline TiO2 with Multibranched Organic Dyes and Co(III)/(II) Mediators: Strategies to Improve Charge Collection Efficiency. *Journal of Physical Chemistry C*, **2013**, 117, 19885-19896	3.8	28
49	Shape-selective growth of silver nanoparticles under continuous flow photochemical conditions. *Chemical Communications*, **2013**, 49, 84-6	5.8	29
48	Tailoring the wetting properties of thiolene microfluidic materials. *Lab on A Chip*, **2012**, 12, 4041-3	7.2	19
47	The continuous-flow cycloaddition of azomethine ylides to carbon nanotubes. *Chemical Communications*, **2011**, 47, 9092-4	5.8	28
46	Efficient as-cast bulk-heterojunction solar cells based on a tert-butyl substituted methanofullerene acceptor. *Journal of Materials Chemistry*, **2011**, 21, 18308		10
45	On-line monitoring and active control of dye uptake in dye-sensitised solar cells. *Chemical Communications*, **2011**, 47, 11656-8	5.8	20
44	Surface-driven porphyrin self-assembly on pre-activated Si substrates. *Journal of Nanoscience and Nanotechnology*, **2011**, 11, 3235-44	1.3	1

43	Continuous Flow Synthesis of Methanofullerenes in Microstructured Reactors: A Kinetic Study. *European Journal of Organic Chemistry*, **2011**, 2011, 5571-5576	3.2	12
42	Bulky melamine-based Zn-porphyrin tweezer as a CD probe of molecular chirality. *Chirality*, **2011**, 23, 808-19	2.1	24
41	Continuous-flow synthesis of an efficient methanofullerene acceptor for bulk-heterojunction solar cells. *Energy and Environmental Science*, **2011**, 4, 725-727	35.4	27
40	Synthesis, heterogenization and sensing properties of melamine-bridged bis-porphyrin dimers. *Journal of Porphyrins and Phthalocyanines*, **2010**, 14, 701-707	1.8	4
39	Fullerene/porphyrin multicomponent nanostructures on Ag(110): from supramolecular self-assembly to extended copolymers. *ACS Nano*, **2010**, 4, 5147-54	16.7	40
38	Solid-supported Zn(II) porphyrin tweezers as optical sensors for diamines. *Chemical Communications*, **2010**, 46, 3678-80	5.8	24
37	Melamine-bridged bis(porphyrin-Zn(II)) receptors: molecular recognition properties. *Journal of Organic Chemistry*, **2009**, 74, 9034-43	4.2	25
36	Catalytic Strategies for Sustainable Oxidations in Water. *Synthesis*, **2008**, 2008, 1971-1978	2.9	23
35	An optical sensor for pH supported onto tentagel resin beads. *Sensors and Actuators B: Chemical*, **2008**, 130, 477-482	8.5	31
34	Design of acidochromic dyes for facile preparation of pH sensor layers. *Analytical and Bioanalytical Chemistry*, **2008**, 392, 1411-8	4.4	37
33	Fullerene-Promoted Singlet-Oxygen Photochemical Oxygenations in Glass-Polymer Microstructured Reactors. *Advanced Synthesis and Catalysis*, **2008**, 350, 2815-2822	5.6	53
32	Supporting porphyrins on resin-beads by cyanuric chloride linker. *Journal of Porphyrins and Phthalocyanines*, **2007**, 11, 749-754	1.8	10
31	Fast catalytic hydroxylation of hydrocarbons with ruthenium porphyrins. *Inorganic Chemistry*, **2006**, 45, 4769-82	5.1	76
30	Diacylglycerolipids isolated from a thermophile cyanobacterium from the Euganean hot springs. *Natural Product Research*, **2006**, 20, 766-74	2.3	27
29	Optical sensor arrays: one-pot, multiparallel synthesis and cellulose immobilization of pH and metal ion sensitive azo-dyes. *Tetrahedron*, **2006**, 62, 1502-1507	2.4	46
28	Turning optical chemosensors into optodes: a quantum chemical and experimental case-study. *Tetrahedron Letters*, **2006**, 47, 5709-5712	2	1
27	Synthesis of 6I-amino-6I-deoxy-2I-VII,3I-VII-tetradeca-O-methyl-cyclomaltoheptaose. *Carbohydrate Research*, **2004**, 339, 1361-6	2.9	10
26	One-pot synthesis of cyanuric acid-bridged porphyrin-porphyrin dyads. *Journal of Organic Chemistry* , **2004**, 69, 8121-4	4.2	30

25	Synthesis and physicochemical characterization of folate-cyclodextrin bioconjugate for active drug delivery. *Bioconjugate Chemistry*, **2003**, 14, 899-908	6.3	70
24	Capillary zone electrophoresis study of cyclodextrin--lipoic acid host-guest interaction. *Electrophoresis*, **2002**, 23, 4117-22	3.6	15
23	Efficient sensitized photooxygenation in water by a porphyrin-cyclodextrin supramolecular complex. *Organic Letters*, **2002**, 4, 4635-7	6.2	47
22	Synthesis, characterization and chemisorption on gold of a Ecyclodextrin lipoic acid conjugate. *Tetrahedron Letters*, **2001**, 42, 5241-5244	2	12
21	Capillary electrophoresis behavior of water-soluble anionic porphyrins in the presence of beta-cyclodextrin and its O-methylated derivatives. *Electrophoresis*, **2000**, 21, 619-26	3.6	14
20	A highly sensitive method for the analysis of nitrite ions by capillary zone electrophoresis using water-soluble aminophenylporphyrin derivative as chromogenic reagent. *Electrophoresis*, **2000**, 21, 2384-9	3.6	8
19	Synthesis, characterization, and supramolecular properties of a hydrophilic porphyrin--beta-cyclodextrin conjugate. *Journal of Organic Chemistry*, **2000**, 65, 9013-21	4.2	39
18	Rapid catalytic oxygenation of hydrocarbons with perhalogenated ruthenium porphyrin complexes. *Studies in Surface Science and Catalysis*, **1997**, 110, 865-872	1.8	6
17	Synthesis and spectroscopic properties of a water-soluble porphyrin-modified Ecyclodextrin compound. *Tetrahedron Letters*, **1997**, 38, 7919-7922	2	13
16	Flavins inhibit human cytomegalovirus UL80 protease via disulfide bond formation. *Biochemistry*, **1996**, 35, 5847-55	3.2	33
15	Rapid Catalytic Oxygenation of Hydrocarbons by Ruthenium Pentafluorophenylporphyrin Complexes: Evidence for the Involvement of a Ru(III) Intermediate. *Journal of the American Chemical Society*, **1996**, 118, 8961-8962	16.4	140
14	Very strong binding and mode of complexation of water-soluble porphyrins with a permethylated Ecyclodextrin. *Tetrahedron Letters*, **1996**, 37, 8019-8022	2	52
13	UV stabilizers bonded to transition metals: Synthesis and X-ray structure of 2-(2?-hydroxyphenyl)benzotriazole-oxovanadium(IV) and -dioxomolybdenum(VI) complexes. *Polyhedron*, **1996**, 15, 4435-4440	2.7	18
12	A novel class of hexanuclear titanoxanes: synthesis, structure and electronic configuration. *Journal of Organometallic Chemistry*, **1995**, 488, 141-154	2.3	19
11	Supramolecular catalysis: enantioselective oxidation of thioanisole in water by hydrogen peroxide catalyzed by Mo(VI) in the presence of .beta.-cyclodextrin-based ligands. *Journal of Organic Chemistry*, **1995**, 60, 5986-5988	4.2	45
10	CoII-induced radical oxidations by peroxomolybdenum complexes. *Journal of the Chemical Society Perkin Transactions II*, **1993**, 1923		6
9	Titanium ester homoenolates: a structural and synthetic study. *Organometallics*, **1993**, 12, 2845-2848	3.8	19
8	Determination of the composition of isomeric mixtures of allylstannanes by means of 119Sn and 13C NMR measurements. *Analytica Chimica Acta*, **1993**, 281, 119-127	6.6	3

7	Nonorganometallic pathway of the Passerini reaction assisted by titanium tetrachloride. *Organometallics*, **1993**, 12, 2726-2736	3.8	51
6	New simple route to allylstannanes by zinc-mediated coupling of allyl bromides with Bu3SnCl or Bu2SnCl2 in H2O(NH4Cl)/THF medium. *Organometallics*, **1992**, 11, 2961-2963	3.8	27
5	Monocyclopentadienylchlorooxotitanium(IV) dimers, trimers and tetramers. *Journal of the Chemical Society Dalton Transactions*, **1992**, 1081		46
4	Nonorganometallic pathway of the Passerini reaction assisted by titanium tetrachloride. *Organometallics*, **1991**, 10, 1659-1660	3.8	13
3	The bis(methylcyclopentadienyl)titanium(IV) molybdate dimer: a titanium(IV)-molybdenum(VI) eight-membered metal-oxo ring. *Inorganic Chemistry*, **1991**, 30, 3245-3246	5.1	16
2	Isocyanide complexes of titanium(IV) and vanadium(V): concerning the nonexistent insertion of isocyanides into a metal-chloride bond. *Inorganic Chemistry*, **1989**, 28, 4417-4419	5.1	33
1	Rearrangements of CN- functionalities promoted by cobalt(I): reactivity of cyclopentadienylbis(ethylene)cobalt(I) with dibenzophenone azine, benzophenone oxime, benzylidene(phenyl)amine and crystal structure determinations of the products. *Journal of the Chemical Society Dalton Transactions*, **1989**, 1957-1962		19