

# Tomas Torres

## List of Publications by Year in Descending Order

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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.

570  
papers

28,622  
citations

87  
h-index

146  
g-index

641  
ext. papers

30,897  
ext. citations

7.9  
avg, IF

7.27  
L-index

#	Paper	IF	Citations
570	Magnetic Interplay between $\pi$ -Electrons of Open-Shell Porphyrins and d-Electrons of Their Central Transition Metal Ions.. <i>Advanced Science</i> , <b>2022</b> , e2105906	13.6	1
569	Zn-Antitrypsin polymers impose molecular filtration in the endoplasmic reticulum after undergoing phase transition to a solid state.. <i>Science Advances</i> , <b>2022</b> , 8, eabm2094	14.3	1
568	Subphthalocyanines as Efficient Photosensitizers with Nanomolar Photodynamic Activity against Cancer Cells. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 17436-17447	8.3	2
567	Ultrastrong Exciton-Photon Coupling in Broadband Solar Absorbers. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 10706-10712	6.4	3
566	Peripherally Crowded Cationic Phthalocyanines as Efficient Photosensitizers for Photodynamic Therapy. <i>ACS Medicinal Chemistry Letters</i> , <b>2021</b> , 12, 502-507	4.3	9
565	Boosting the Stability of Boron Peroxides through Subphthalocyanine Coordination. <i>Organic Materials</i> , <b>2021</b> , 03, 141-145	1.9	0
564	Self-Assembled Porphyrinoids: One-Component Nanostructured Photomedicines. <i>ChemMedChem</i> , <b>2021</b> , 16, 2441-2451	3.7	3
563	Subphthalocyanine-Diketopyrrolopyrrole Conjugates: 3D Star-Shaped Systems as Non-Fullerene Acceptors in Polymer Solar Cells with High Open-Circuit Voltage. <i>ChemPlusChem</i> , <b>2021</b> , 86, 1366-1373	2.8	3
562	A Janus-Type Phthalocyanine for the Assembly of Photoactive DNA Origami Coatings. <i>Bioconjugate Chemistry</i> , <b>2021</b> , 32, 1123-1129	6.3	1
561	Tuning the Nanoaggregates of Sialylated Biohybrid Photosensitizers for Intracellular Activation of the Photodynamic Response. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 9634-9642	4.8	4
560	Bottom-up Fabrication and Atomic-Scale Characterization of Triply Linked, Laterally $\pi$ -Extended Porphyrin Nanotapes**. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 16344-16350	3.6	0
559	Bottom-up Fabrication and Atomic-Scale Characterization of Triply Linked, Laterally $\pi$ -Extended Porphyrin Nanotapes*. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 16208-16214	16.4	3
558	Unveiling Polymerization Mechanism in pH-regulated Supramolecular Fibers in Aqueous Media. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 11056-11060	4.8	2
557	Dianionic States of Trithiadodecaazahexaphyrin Complexes with Homotrinnuclear MO Clusters (M = Ni and Cu): Crystal Structures, Metal- Or Macrocycle-Centered Reduction, and Doublet-Quartet Transitions in the Dianions. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 9857-9868	5.1	2
556	Photooxidation Responsive Elastin-Like Polypeptide Conjugates for Photodynamic Therapy Application. <i>Bioconjugate Chemistry</i> , <b>2021</b> , 32, 1719-1728	6.3	0
555	Light-Harvesting Properties of a Subphthalocyanine Solar Absorber Coupled to an Optical Cavity. <i>Solar Rrl</i> , <b>2021</b> , 5, 2100308	7.1	5
554	Kontrolle des intramolekularen Förster-Resonanzenergietransfers und der Singulettspaltung in einem Subporphyrizin-Pentacen-Konjugat mittels Lösungsmittelpolarität. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 1496-1503	3.6	0

553	Controlling Intramolecular Förster Resonance Energy Transfer and Singlet Fission in a Subporphyrine-Pentacene Conjugate by Solvent Polarity. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 1474-1481	16.4	1
552	An exciting twenty-year journey exploring porphyrinoid-based photo- and electro-active systems. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 428, 213605	23.2	9
551	Synthesis of unsymmetrically substituted expanded hemiporphyrines: A monoiodo functionalized hemihexaphyrine. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2021</b> , 25, 396-399	1.8	
550	The effect of bulky electron-donating thioether substituents on the performances of phthalocyanine based dye sensitized solar cells. <i>Sustainable Energy and Fuels</i> , <b>2021</b> , 5, 584-589	5.8	5
549	Encapsulation of glycosylated porphyrins in silica nanoparticles to enhance the efficacy of cancer photodynamic therapy. <i>Materials Advances</i> , <b>2021</b> , 2, 1613-1620	3.3	0
548	A versatile, divergent route for the synthesis of ABAC tetraazaporphyrins: molecularly engineered, push-pull phthalocyanine-type dyes. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 10802-10810	7.1	2
547	Self-Assembled Binaphthyl-Bridged Amphiphilic AABB Phthalocyanines: Nanostructures for Efficient Antimicrobial Photodynamic Therapy. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 4955-4963	4.8	7
546	Subphthalocyaninato Boron(III) Hydride: Synthesis, Structure and Reactivity. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 12058-12062	4.8	3
545	Interference Controls Conductance in Phthalocyanine Molecular Junctions. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 15035-15043	3.8	2
544	Nanoparticles for Triple Drug Release for Combined Chemo- and Photodynamic Therapy. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 14610-14618	4.8	0
543	Expanding the Chemical Space of Tetracyanobuta-1,3-diene (TCBD) through a Cyano-Diels-Alder Reaction: Synthesis, Structure, and Physicochemical Properties of an Anthryl-fused-TCBD Derivative. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 16049-16055	4.8	1
542	Phthalocyanine-DNA origami complexes with enhanced stability and optical properties. <i>Chemical Communications</i> , <b>2020</b> , 56, 7341-7344	5.8	10
541	Annulative Extension of BODIPYs made easy gold(i)-catalyzed cycloisomerization. <i>Chemical Science</i> , <b>2020</b> , 11, 10778-10785	9.4	7
540	Synthesis and Optical Features of Axially and Peripherally Substituted Subporphyrins. A Paradigmatic Example of Charge Transfer versus Exciplex States. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 7920-7929	16.4	13
539	Meso-Substituted Tetrabenzotriazaporphyrins for Dye-Sensitized Solar Cells. <i>Helvetica Chimica Acta</i> , <b>2020</b> , 103, e2000085	2	3
538	Photoactive preorganized subphthalocyanine-based molecular tweezers for selective complexation of fullerenes. <i>Chemical Science</i> , <b>2020</b> , 11, 3448-3459	9.4	4
537	Highly Efficient Singlet Oxygen Generators Based on Ruthenium Phthalocyanines: Synthesis, Characterization and in vitro Evaluation for Photodynamic Therapy. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 1697	4.8	1
536	Assessing Amphiphilic ABAB Zn(II) Phthalocyanines with Enhanced Photosensitization Abilities in In Vitro Photodynamic Therapy Studies Against Cancer. <i>Molecules</i> , <b>2020</b> , 25,	4.8	7

535	Push-Pull Zinc Phthalocyanine Bearing Hexa-Tertiary Substituted Carbazolyl Donor Groups for Dye-Sensitized Solar Cells. <i>Molecules</i> , <b>2020</b> , 25,	4.8	6
534	Cyclopenta[hi]aceanthrylene Decorated with Multiple and Long Alkoxy Chains: Physicochemical Properties and Single-Walled Carbon Nanotubes Exfoliation Capability. <i>ECS Journal of Solid State Science and Technology</i> , <b>2020</b> , 9, 051011	2	1
533	Modulating the dynamics of Förster resonance energy transfer and singlet fission by variable molecular spacers. <i>Nanoscale</i> , <b>2020</b> , 12, 23061-23068	7.7	1
532	Self-assembled Zn phthalocyanine as a robust p-type selective contact in perovskite solar cells. <i>Nanoscale Horizons</i> , <b>2020</b> , 5, 1415-1419	10.8	5
531	On-Surface Synthesis and Characterization of Triply Fused Porphyrin-Graphene Nanoribbon Hybrids. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 1334-1339	16.4	23
530	Highly Efficient Singlet Oxygen Generators Based on Ruthenium Phthalocyanines: Synthesis, Characterization and in vitro Evaluation for Photodynamic Therapy. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 1789-1799	4.8	15
529	Synthesis of 1,2-dicyanoferrrocene by cyanation reactions. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2020</b> , 24, 786-793	1.8	0
528	The unique features and promises of phthalocyanines as advanced photosensitisers for photodynamic therapy of cancer. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 1041-1056	58.5	256
527	Amphiphilic phthalocyanines in polymeric micelles: a supramolecular approach toward efficient third-generation photosensitizers. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 282-289	7.3	19
526	Expanding the Subporphyrine Chromophore by Conjugation of Phenylene and Vinylene Substituents: Rainbow SubPzs. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 1948-1960	4.2	2
525	On-Surface Synthesis and Characterization of Triply Fused Porphyrin-Graphene Nanoribbon Hybrids. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 1350-1355	3.6	7
524	meso-(2-Pyridyl)-boron(III)-subporphyrin: Perimeter Iridium(III) Coordination. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 3151-3154	3.6	4
523	meso-(2-Pyridyl)-boron(III)-subporphyrin: Perimeter Iridium(III) Coordination. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 3127-3130	16.4	4
522	Innenrücktitelbild: On-Surface Synthesis and Characterization of Triply Fused Porphyrin-Graphene Nanoribbon Hybrids (Angew. Chem. 3/2020). <i>Angewandte Chemie</i> , <b>2020</b> , 132, 1371-1371	3.6	0
521	A Constrained and "Inverted" [3+3] Salphen Macrocyclic with an ortho-Phenylethynyl Substitution Pattern. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 1683-1690	4.8	3
520	Fluorine-substituted tetracationic ABAB-phthalocyanines for efficient photodynamic inactivation of Gram-positive and Gram-negative bacteria. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 187, 111957	6.8	19
519	Inducing Open-Shell Character in Porphyrins through Surface-Assisted Phenalenyl Extension. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 18109-18117	16.4	12
518	Synergie von elektrostatischen und Wechselwirkungen für die Verwirklichung von künstlichen photosynthetischen Modellsystemen auf Nano-Ebene. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 18946-18955	3.6	0

517	Synergy of Electrostatic and $\pi$ - $\pi$ Interactions in the Realization of Nanoscale Artificial Photosynthetic Model Systems. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 18786-18794	16.4	3
516	Benefits, Problems, and Solutions of Silver Nanowire Transparent Conductive Electrodes in Indium Tin Oxide (ITO)-Free Flexible Solar Cells. <i>Advanced Energy Materials</i> , <b>2020</b> , 10, 2002536	21.8	45
515	Dual-Mode Chiral Self-Assembly of Cone-Shaped Subphthalocyanine Aromatics. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 21017-21031	16.4	9
514	Enabling Racemization of Axially Chiral Subphthalocyanine-Tetracyanobutadiene-Aniline Enantiomers by Triplet State Photogeneration. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 21224-21229	16.4	6
513	Enabling Racemization of Axially Chiral Subphthalocyanine-Tetracyanobutadiene-Aniline Enantiomers by Triplet State Photogeneration. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 21410-21415	3.6	2
512	Phthalocyanine-corannulene conjugates: Synthesis, complexation studies with a pyridyl-functionalized C60 fullerene, and photophysical properties. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2020</b> , 24, 410-415	1.8	3
511	Polar columnar assemblies of subphthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2020</b> , 24, 33-42	1.8	2
510	Panchromatic Light Harvesting and Stabilizing Charge-Separated States in Corrole-Phthalocyanine Conjugates through Coordinating a Subphthalocyanine. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 13451-13461	4.8	3
509	On-surface synthesis of singly and doubly porphyrin-capped graphene nanoribbon segments. <i>Chemical Science</i> , <b>2020</b> , 12, 247-252	9.4	9
508	Synthesis and Aggregation Studies of Functional Binaphthyl-Bridged Chiral Phthalocyanines. <i>Organic Letters</i> , <b>2019</b> , 21, 8183-8186	6.2	9
507	Crosswise Phthalocyanines with Collinear Functionalization: New Paradigmatic Derivatives for Efficient Singlet Oxygen Photosensitization. <i>ChemPlusChem</i> , <b>2019</b> , 84, 673-679	2.8	10
506	Resistive switching in an organic supramolecular semiconducting ferroelectric. <i>Chemical Communications</i> , <b>2019</b> , 55, 8828-8831	5.8	13
505	Azulenocyanines immobilized on graphene; on the way to panchromatic absorption and efficient DSSC blocking layers. <i>Nanoscale</i> , <b>2019</b> , 11, 10709-10715	7.7	16
504	Phthalocyanines and porphyrinoid analogues as hole- and electron-transporting materials for perovskite solar cells. <i>Chemical Society Reviews</i> , <b>2019</b> , 48, 2738-2766	58.5	105
503	One-Pot Synthesis of $\pi$ -Extended Fluorenone-Fused Subphthalocyanines. <i>Organic Letters</i> , <b>2019</b> , 21, 2908-2912	3.2	3
502	Phthalocyanine-Virus Nanofibers as Heterogeneous Catalysts for Continuous-Flow Photo-Oxidation Processes. <i>Advanced Materials</i> , <b>2019</b> , 31, e1902582	24	13
501	Quadrupolar Cyclopenta[hi]aceanthrylene-Based Electron Donor-Acceptor-Donor Conjugates: Charge Transfer versus Charge Separation. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 14644-14652	16.4	11
500	Boosting the singlet oxygen photosensitization abilities of Zn(ii) phthalocyanines through functionalization with bulky fluorinated substituents. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 7448-7454	3.9	18

499	Quadrupolar Cyclopenta[hi]aceanthrylene-Based Electron Donor-Acceptor-Donor Conjugates: Charge Transfer versus Charge Separation. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 14786-14794	3.6	3
498	Combining Zinc Phthalocyanines, Oligo(p-Phenylenevinylenes), and Fullerenes to Impact Reorganization Energies and Attenuation Factors. <i>ChemPhysChem</i> , <b>2019</b> , 20, 2806-2815	3.2	3
497	Human serum albumin nanoparticles loaded with phthalocyanine dyes for potential use in photodynamic therapy for atherosclerotic plaques. <i>Precision Nanomedicine</i> , <b>2019</b> , 2, 279-302	1.2	1
496	Emerging Perspectives on Applications of Porphyrinoids for Photodynamic Therapy and Photoinactivation of Microorganisms. <i>Macroheterocycles</i> , <b>2019</b> , 12, 8-16	2.2	13
495	Selective guest recognition by a metallo-organic phthalocyanine-based host. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2019</b> , 23, 1570-1575	1.8	
494	Light-harvesting porphyrazines to enable intramolecular singlet fission. <i>Nanoscale</i> , <b>2019</b> , 11, 22286-22292	9.7	6
493	Subphthalocyanine-tetracyanobuta-1,3-diene-aniline conjugates: stereoisomerism and photophysical properties. <i>Chemical Science</i> , <b>2019</b> , 10, 10997-11005	9.4	17
492	Steuerung des Grenzflächen-Ladungstransfers und des Fill-Factors in CuO-basierten Grätzel-Tandemzellen. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 4097-4102	3.6	8
491	Controlling Interfacial Charge Transfer and Fill Factors in CuO-based Tandem Dye-Sensitized Solar Cells. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 4056-4060	16.4	21
490	Phthalocyanines for dye-sensitized solar cells. <i>Coordination Chemistry Reviews</i> , <b>2019</b> , 381, 1-64	23.2	173
489	Subnaphthalocyanines as Electron Acceptors in Polymer Solar Cells: Improving Device Performance by Modifying Peripheral and Axial Substituents. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 6339-6343	4.8	17
488	Improving charge injection and charge transport in CuO-based p-type DSSCs by a quick and simple precipitation method for small CuO nanoparticles. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 5176-5180	7.1	15
487	Peripherally Cyanated Subphthalocyanines as Potential n-Type Organic Semiconductors. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 8331-8342	4.8	7
486	Correction: Cationic phthalocyanine dendrimers as potential antimicrobial photosensitisers. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 1037	3.9	1
485	Dual Role of Subphthalocyanine Dyes for Optical Imaging and Therapy of Cancer. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1705938	15.6	29
484	A giant ML metallo-organic helicate based on phthalocyanines as a host for electroactive molecules. <i>Chemical Communications</i> , <b>2018</b> , 54, 2651-2654	5.8	18
483	Salt Cluster Attachment to Crown Ether Decorated Phthalocyanines in the Gas Phase. <i>Journal of Physical Chemistry A</i> , <b>2018</b> , 122, 1623-1633	2.8	3
482	From isodesmic to highly cooperative: reverting the supramolecular polymerization mechanism in water by fine monomer design. <i>Chemical Communications</i> , <b>2018</b> , 54, 4112-4115	5.8	28

481	Synthesis, Characterization and In Vitro Evaluation of Carbohydrate-Containing Ruthenium Phthalocyanines as Third Generation Photosensitizers for Photodynamic Therapy. <i>ChemPhotoChem</i> , <b>2018</b> , 2, 640-654	3.3	11
480	Effect of Co-Adsorbate and Hole Transporting Layer on the Photoinduced Charge Separation at the TiO-Phthalocyanine Interface. <i>ACS Omega</i> , <b>2018</b> , 3, 4947-4958	3.9	4
479	Porphyrinoid biohybrid materials as an emerging toolbox for biomedical light management. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 7369-7400	58.5	112
478	A Galactose Dendritic Silicon (IV) Phthalocyanine as a Photosensitizing Agent in Cancer Photodynamic Therapy. <i>ChemPlusChem</i> , <b>2018</b> , 83, 855-860	2.8	7
477	Panchromatic Photosensitizers Based on Push-Pull, Unsymmetrically Substituted Porphyrazines. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 2618-2625	4.8	16
476	Synergy of light harvesting and energy transfer as well as short-range charge shift reactions in multicomponent conjugates. <i>Nanoscale</i> , <b>2018</b> , 10, 22400-22408	7.7	9
475	Exfoliation of Graphene by Dendritic Water-Soluble Zinc Phthalocyanine Amphiphiles in Polar Media. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 18696-18704	4.8	3
474	Modifying the Semiconductor/Electrolyte Interface in CuO p-Type Dye-Sensitized Solar Cells: Optimization of Iodide/Triiodide-Based Electrolytes. <i>ACS Applied Energy Materials</i> , <b>2018</b> , 1, 6388-6400	6.1	11
473	Feinabstimmung von intramolekularem resonantem Förster-Energietransfer und Aktivierung intramolekularer Singulettspaltung. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 16528-16533	3.6	3
472	Tuning Intramolecular Förster Resonance Energy Transfer and Activating Intramolecular Singlet Fission. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 16291-16295	16.4	10
471	Photoinduced Energy Transfer in ZnCdSeS Quantum Dot-Phthalocyanines Hybrids. <i>ACS Omega</i> , <b>2018</b> , 3, 10048-10057	3.9	11
470	Unsymmetrical and Symmetrical Zn(II) Phthalocyanines as Hole-Transporting Materials for Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , <b>2018</b> , 1, 2399-2404	6.1	11
469	Peripherally Cyanated Subphthalocyanines as Potential n-Type Organic Semiconductors. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 8244-8244	4.8	1
468	Tetrathienoanthracene and Tetrathienylbenzene Derivatives as Hole-Transporting Materials for Perovskite Solar Cell. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1800681	21.8	43
467	Evidence of charge-remote fragmentation in protonated [60]fulleropyrrolidine multi-adducts. <i>International Journal of Mass Spectrometry</i> , <b>2017</b> , 413, 69-74	1.9	1
466	Photoantimicrobial Biohybrids by Supramolecular Immobilization of Cationic Phthalocyanines onto Cellulose Nanocrystals. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 4320-4326	4.8	29
465	Photoinduced Cross-Linking of Short Furan-Modified DNA on Surfaces. <i>Langmuir</i> , <b>2017</b> , 33, 1197-1201	4	7
464	Photoinduced Electron Injection from Zinc Phthalocyanines into Zinc Oxide Nanorods: Aggregation Effects. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 9594-9605	3.8	7

463	Octacationic and axially di-substituted silicon (IV) phthalocyanines for photodynamic inactivation of bacteria. <i>Dyes and Pigments</i> , <b>2017</b> , 145, 239-245	4.6	23
462	Porphyrin-based photosensitizers and their DNA conjugates for singlet oxygen induced nucleic acid interstrand crosslinking. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 5402-5409	3.9	6
461	Subphthalocyanines Axially Substituted with a Tetracyanobuta-1,3-diene-Aniline Moiety: Synthesis, Structure, and Physicochemical Properties. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 5520-5529	16.4	53
460	Pyridyl- and Picolinic Acid Substituted Zinc(II) Phthalocyanines for Dye-Sensitized Solar Cells. <i>ChemPlusChem</i> , <b>2017</b> , 82, 1057-1061	2.8	11
459	ABAB Phthalocyanines: Scaffolds for Building Unprecedented Donor-Acceptor Chromophores. <i>ChemistryOpen</i> , <b>2017</b> , 6, 121-127	2.3	12
458	Molecularly Engineered Phthalocyanines as Hole-Transporting Materials in Perovskite Solar Cells Reaching Power Conversion Efficiency of 17.5%. <i>Advanced Energy Materials</i> , <b>2017</b> , 7, 1601733	21.8	79
457	Phthalocyanines and Subphthalocyanines: Perfect Partners for Fullerenes and Carbon Nanotubes in Molecular Photovoltaics. <i>Advanced Energy Materials</i> , <b>2017</b> , 7, 1601700	21.8	71
456	Ferroelectric self-assembled molecular materials showing both rectifying and switchable conductivity. <i>Science Advances</i> , <b>2017</b> , 3, e1701017	14.3	39
455	Mediating Reductive Charge Shift Reactions in Electron Transport Chains. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 17474-17483	16.4	28
454	Cationic phthalocyanine dendrimers as potential antimicrobial photosensitisers. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 9008-9017	3.9	18
453	Long-Range Orientational Self-Assembly, Spatially Controlled Deprotonation, and Off-Centered Metalation of an Expanded Porphyrin. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 14129-14136	16.4	18
452	A New Dimension for Low-Dimensional Carbon Nanostructures. <i>CheM</i> , <b>2017</b> , 3, 21-24	16.2	1
451	PEG-containing ruthenium phthalocyanines as photosensitizers for photodynamic therapy: synthesis, characterization and in vitro evaluation. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 5862-5869	7.3	22
450	Chemical functionalization and characterization of graphene-based materials. <i>Chemical Society Reviews</i> , <b>2017</b> , 46, 4464-4500	58.5	285
449	Macrophage selective photodynamic therapy by meta-tetra(hydroxyphenyl)chlorin loaded polymeric micelles: A possible treatment for cardiovascular diseases. <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 107, 112-125	5.1	26
448	Tri- and hexaferrocenyl-substituted subphthalocyanines in the quest for the optimum electron donor-acceptor distances. <i>Chemical Communications</i> , <b>2017</b> , 53, 8525-8528	5.8	13
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165	Combination of phthalocyanine and fullerene moieties for optical limiting. <i>Chemical Physics Letters</i> , <b>2006</b> , 428, 307-311	2.5	33
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38	Synthesis and second-order non-linear optical properties of substituted aminobenzoquinones. <i>Journal of Materials Chemistry</i> , <b>1995</b> , 5, 385-387		2
37	Synthesis, magnetic and mass spectrometric studies on dinuclear complexes based on Schiff-base triazolic ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1995</b> , 2305-2310		8
36	In-plane orientation in Langmuir-Blodgett films of triazolephthalocyanines. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1995</b> , 1673-1674		19
35	Synthesis and aggregation properties of novel soluble $\pi$ -conjugated metallotriazolehemiporphyrazines. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1995</b> , 419-420		22
34	Substituted metallotriazolehemiporphyrazines: Synthesis and characterization by FAB-MS. <i>Liebigs Annalen</i> , <b>1995</b> , 1995, 495-499		12
33	Nickel(II) and copper(II) complexes of mixed benzene-triazolehemiporphyrazines. <i>Inorganica Chimica Acta</i> , <b>1995</b> , 230, 153-157	2.7	20
32	Third-Order Nonlinear Optical Properties of Soluble Metallotriazolylhemiporphyrazines. <i>The Journal of Physical Chemistry</i> , <b>1994</b> , 98, 4495-4497		47

31	Synthesis of Optically Active Macrocycles Containing Two 1,2,4-Triazole Subunits. <i>Synthesis</i> , <b>1994</b> , 1994, 1091-1095	2.9	9
30	Preparation and electrochemical switching of novel bis(anthraquinone)diazacrown ethers. <i>Tetrahedron Letters</i> , <b>1994</b> , 35, 6383-6386	2	8
29	Extraction of chiral ammonium cations and transport through supported liquid membranes mediated by 1,2,4-triazole-containing podands and macrocycles. <i>Tetrahedron Letters</i> , <b>1994</b> , 35, 7669-7672	2.2	11
28	Liquid matrix induced processes in fast atom bombardment mass spectrometry of polyazacrown transition metal complexes. <i>Inorganica Chimica Acta</i> , <b>1994</b> , 219, 85-92	2.7	3
27	Preparation and enantiomeric purity determination of new chiral C2 building blocks based on the 4-amino-1,2,4-triazole unit. <i>Tetrahedron: Asymmetry</i> , <b>1994</b> , 5, 1291-1296		8
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25	Synthesis and electrical properties of metallocrownporphyrins. <i>Synthetic Metals</i> , <b>1994</b> , 62, 281-285	3.6	39
24	Novel tribenzhexaazaporphyrins as unsymmetric phthalocyanine analogues. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1994</b> , 1525-1526		29
23	Synthesis and Electrochemical Complexation Studies of 1,8-Bis(azacrown ether)anthraquinones. <i>Journal of Organic Chemistry</i> , <b>1994</b> , 59, 3814-3820	4.2	10
22	Enantiomeric Recognition between Chiral Triazole-18-crown-6 Ligands and Organic Ammonium Cations Assessed by <sup>13</sup> C and <sup>1</sup> H NMR Relaxation Times. <i>Journal of Organic Chemistry</i> , <b>1994</b> , 59, 6539-6542	4.2	6
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17	Synthesis of 3,5-Biscarbonyl-1H-1,2,4-Triazole Derivatives. <i>Synthesis</i> , <b>1992</b> , 1992, 398-402	2.9	16
16	Protonated amine transport and chiral recognition by 1,2,4-triazole podands and macrocycles. <i>Tetrahedron</i> , <b>1992</b> , 48, 9545-9552	2.4	9
15	A facile synthesis of alkylidenebutenolides via thermal rearrangement of benzisoxazolequinones. <i>Tetrahedron Letters</i> , <b>1991</b> , 32, 5825-5828	2	7
14	Enantiometric recognition of organic ammonium salts by chiral dialkyl-substituted triazole-18-crown-6-ligands. <i>Journal of Organic Chemistry</i> , <b>1991</b> , 56, 4193-4196	4.2	31



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1	Toward Sustainable, Colorless, and Transparent Photovoltaics: State of the Art and Perspectives for the Development of Selective Near-Infrared Dye-Sensitized Solar Cells. <i>Advanced Energy Materials</i> , <b>2015</b> , 5, 2101598	21.8	11