

Karl Kadish

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.

549
papers

18,795
citations

66
h-index

96
g-index

572
ext. papers

20,014
ext. citations

5.9
avg, IF

6.17
L-index

#	Paper	IF	Citations
549	Multiple established forms of palladium acetate binding to the four N-atom donor 2,3-dicyano-5,6-di(2-pyridyl)-pyrazine, [(CN) ₂ dpp]. <i>Inorganica Chimica Acta</i> , 2022 , 534, 120773	2.7	
548	Nickel(II) monobenzoporphyrins and chlorins: synthesis, electrochemistry and anion sensing properties. <i>Dalton Transactions</i> , 2021 , 50, 17086-17100	4.3	1
547	Application of Lever's Parameter Scale toward Fe(II)/Fe(III) versus Pc(2-)/Pc(1-) Oxidation Process Crossover Point in Axially Coordinated Iron(II) Phthalocyanine Complexes. <i>Inorganic Chemistry</i> , 2021 , 60, 16626-16644	5.1	3
546	Electrochemical Characterization of Bis-Cobalt Hexaphyrin: A Selective Electrocatalyst for the Two-Electron Reduction of Oxygen in Acid Media. <i>ChemElectroChem</i> , 2021 , 8, 928-936	4.3	0
545	Meso-Biphenyl-Linked, Near- and Far-Infrared Emitting, Chlorin and Bacteriochlorin Dimers: Synthesis, Excitation Transfer, and Singlet Oxygen Production. <i>ChemPlusChem</i> , 2021 , 86, 674-680	2.8	1
544	Electrochemistry of metal-metal bonded diruthenium complexes. <i>Coordination Chemistry Reviews</i> , 2021 , 434, 213706	23.2	3
543	Electrochemical characterization of β -butanoporphyrins containing sterically hindered meso-2,6-dihalogenophenyl substituents and first-row transition metal ions in nonaqueous media. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021 , 25, 555-570	1.8	
542	Synthesis, electrochemistry, protonation and X-ray analysis of meso-aryl substituted open-chain pentapyrroles 2021 , 1289-1298		
541	Here's looking at the reduction of noninnocent copper corroles via anion induced electron transfer. <i>Comptes Rendus Chimie</i> , 2021 , 24, 1-12	2.7	1
540	Facile synthesis of antipodal β -arylaminodibromoporphyrins through Buchwald-Hartwig C-N coupling reaction and exploring their spectral and electrochemical redox properties. <i>Journal of Organometallic Chemistry</i> , 2021 , 956, 122114	2.3	
539	Axial coordination reactions with nitrogenous bases and determination of equilibrium constants for zinc tetraarylporphyrins containing four β -fused butano and benzo groups in nonaqueous media 2021 , 1279-1288		
538	Facile Heterogeneous and Homogeneous Anion Induced Electrosynthesis: An Efficient Method for Obtaining β -Extended Porphyrins. <i>Inorganic Chemistry</i> , 2020 , 59, 16737-16746	5.1	4
537	Electrochemistry of Tri-substituted Porphyrins with β -Appended Ethyl Acetoacetate and Acetylacetone in Neutral and Basic Nonaqueous Solvents. <i>ChemElectroChem</i> , 2020 , 7, 1723-1732	4.3	1
536	Meso-Tetraapyrenylporphyrins: Synthesis, structural, spectral, electrochemical properties and F β ster energy transfer (FRET) studies. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020 , 24, 985-992	1.8	2
535	Old Dog, New Tricks: Innocent, Five-coordinate Cyanocobalt Corroles. <i>Inorganic Chemistry</i> , 2020 , 59, 8563-8579	10	
534	Structural, Photophysical, and Electrochemical Properties of Doubly Fused Porphyrins and Related Fused Chlorins. <i>Inorganic Chemistry</i> , 2020 , 59, 1481-1495	5.1	7
533	Synthesis, Structural and Physicochemical Properties of Water-Soluble Mixed-Ligand Diruthenium Complexes Containing Anilinopyridinate Bridging Ligands. <i>Inorganic Chemistry</i> , 2020 , 59, 584-594	5.1	5

532	Synthesis and the Effect of Anions on the Spectroscopy and Electrochemistry of Mono(dimethyl sulfoxide)-Ligated Cobalt Corroles. <i>Inorganic Chemistry</i> , 2020 , 59, 595-611	5.1	17
531	Tetra-2,3-pyrazinoporphyrazines with peripherally appended pyridine rings. 21. Mono- and pentanuclear FeII complexes: Solid state and solution studies. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020 , 24, 725-736	1.8	0
530	Solvent and Anion Effects on the Electrochemistry of Manganese Dipyrrin-Bisphenols. <i>Inorganic Chemistry</i> , 2020 , 59, 15913-15927	5.1	1
529	Effect of fused indanedione (IND) groups and antipodal substituents on electrochemical properties of unsymmetrical metalloporphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020 , 24, 1155-1165	1.8	1
528	meso- and Pyrrole-Linked Chlorin-Bacteriochlorin Dyads for Promoting Far-Red FRET and Singlet Oxygen Production. <i>Chemistry - A European Journal</i> , 2020 , 26, 14996-15006	4.8	5
527	Smartphone coupled with a paper-based optode: Towards a selective cyanide detection. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020 , 24, 964-972	1.8	6
526	Spectral, Electrochemical, and ESR Characterization of Manganese Tetraarylporphyrins Containing Four Pyrrole Fused Butano and Benzo Groups in Nonaqueous Media. <i>Inorganic Chemistry</i> , 2019 , 58, 2576-2587	5.1	7
525	Synthesis, electrochemistry, protonation and X-ray analysis of meso-aryl substituted open-chain pentapyrroles. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019 , 23, 213-222	1.8	1
524	Electrochemical, Spectroelectrochemical, and Structural Studies of Mono- and Diphosphorylated Zinc Porphyrins and Their Self-Assemblies. <i>Inorganic Chemistry</i> , 2019 , 58, 4665-4678	5.1	6
523	Coordination self-assembly through weak interactions in meso-dialkoxyphosphoryl-substituted zinc porphyrinates. <i>Dalton Transactions</i> , 2019 , 48, 5372-5383	4.3	2
522	Axial coordination reactions with nitrogenous bases and determination of equilibrium constants for zinc tetraarylporphyrins containing four pyrrole-fused butano and benzo groups in nonaqueous media. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019 , 23, 196-205	1.8	7
521	Arylethynyl substituted silver corrole complexes. <i>Dalton Transactions</i> , 2019 , 48, 13589-13598	4.3	10
520	Acceleration and Stabilization of Electron Transfer Products with Improved Quantum Yields upon Cation Binding to a Fused Bis-Zinc Porphyrin-Quinone Donor-Acceptor Conjugate. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 22066-22073	3.8	4
519	Electrochemical and spectroelectrochemical characterization of Cu(II) and Mn(III) tetrabutano- and tetrabenzoporphyrrins containing sterically hindered meso -(2,6-difluorophenyl) substituents in nonaqueous media. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019 , 23, 1057-1071	1.8	2
518	Tetra-2,3-pyrazinoporphyrazines with Peripherally Appended Pyridine Rings. 20. Mono- and Pentanuclear Al and Ga Complexes: Synthesis and Physicochemical and Photoactivity Studies. <i>Inorganic Chemistry</i> , 2019 , 58, 15269-15282	5.1	2
517	Synthesis, Electrochemistry, and Reversible Interconversion among Perhalogenated Hydroxyphenyl Ni(II) Porphyrins, Porphodimethenes, and Porpho-5,15-bis-paraquinone Methide. <i>Inorganic Chemistry</i> , 2019 , 58, 14361-14376	5.1	3
516	Tetra-2,3-pyrazinoporphyrazines with Peripherally Appended Pyridine Rings. 19. Pentanuclear Octa(2-pyridyl)tetrapyrazinoporphyrazines Carrying Externally Carboranthiolate Groups: Physicochemical Properties and Potentialities as Anticancer Drugs. <i>Inorganic Chemistry</i> , 2019 , 58, 1120-1133	5.1	10
515	Ligand Noninnocence in Cobalt Dipyrrin-Bisphenols: Spectroscopic, Electrochemical, and Theoretical Insights Indicating an Emerging Analogy with Corroles. <i>Inorganic Chemistry</i> , 2019 , 58, 7677-7689	5.1	10

514	Mono-DMSO ligated cobalt nitrophenylcorroles: electrochemical and spectral characterization. <i>New Journal of Chemistry</i> , 2018 , 42, 8220-8229	3.6	17
513	Functionalized trans-A2B2 push-pull tetrabenzoporphyrins. <i>Chemical Communications</i> , 2018 , 54, 5303-5306	3.0	12
512	A Comprehensive Scope of Peripheral and Axial Substituent Effect on the Spectroelectrochemistry of Boron Subphthalocyanines. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 4414-4424	2.8	18
511	Iron, iron everywhere: synthesis and characterization of iron 5,10,15-triferrocenylcorrole complexes. <i>New Journal of Chemistry</i> , 2018 , 42, 8207-8219	3.6	5
510	Electrochemistry of Bis(pyridine)cobalt (Nitrophenyl)corroles in Nonaqueous Media. <i>Inorganic Chemistry</i> , 2018 , 57, 1226-1241	5.1	17
509	Electrochemistry and Spectroelectrochemistry of Cobalt Porphyrins with Extending and/or Highly Electron-Withdrawing Pyrrole Substituents. In Situ Electrogeneration of Bonded Complexes. <i>Inorganic Chemistry</i> , 2018 , 57, 1490-1503	5.1	26
508	Homoleptic Platinum Azo-iminate Complexes via Hydrogenative Cleavage of Formazans. <i>Inorganic Chemistry</i> , 2018 , 57, 9468-9477	5.1	11
507	Synthesis, electrochemical and spectroelectrochemical characterization of iron(III) tetraarylporphyrins containing four β -butano and β -benzo fused rings. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018 , 22, 521-534	1.8	6
506	Electrochemistry of zinc tetraarylporphyrins containing fused butano and benzo groups. Effect of solvent and substituents on spectra, potentials and mechanism in nonaqueous media. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018 , 22, 1129-1142	1.8	5
505	Synthesis and Electrochemical Characterization of Acetylacetonate (acac) and Ethyl Acetate (EA) Appended Trisubstituted Push-Pull Porphyrins: Formation of Electronically Communicating Porphyrin Dimers. <i>Inorganic Chemistry</i> , 2018 , 57, 13213-13224	5.1	6
504	Cobalt Corroles with Bis-Ammonia or Mono-DMSO Axial Ligands. Electrochemical, Spectroscopic Characterizations and Ligand Binding Properties. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4265-4277	2.3	19
503	Effect of the Substitution Pattern (Peripheral vs Non-Peripheral) on the Spectroscopic, Electrochemical, and Magnetic Properties of Octahexylsulfanyl Copper Phthalocyanines. <i>Inorganic Chemistry</i> , 2018 , 57, 6456-6465	5.1	8
502	Electrochemistry of N-confused inner amino-substituted free-base tetraarylporphyrins in nonaqueous media. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018 , 22, 908-917	1.8	0
501	Synthesis and Spectroscopic Investigation of a Series of Push-Pull Boron Dipyrromethenes (BODIPYs). <i>Journal of Organic Chemistry</i> , 2017 , 82, 2545-2557	4.2	36
500	Microwave-Mediated Synthesis of Bulky Lanthanide Porphyrin-Phthalocyanine Triple-Deckers: Electrochemical and Magnetic Properties. <i>Inorganic Chemistry</i> , 2017 , 56, 4864-4873	5.1	15
499	Octakis(2-pyridyl)porphyrazine and Its Neutral Metal Derivatives: UV-Visible Spectral, Electrochemical, and Photoactivity Studies. <i>Inorganic Chemistry</i> , 2017 , 56, 5813-5826	5.1	3
498	Tetra-2,3-pyrazinoporphyrazines with externally appended pyridine rings. 18. Physicochemical properties and photochemical behavior of new uncharged water soluble low-symmetry macrocycles $[[\text{Pd}(\text{OAc})_2]_3(\text{PtCl}_2)\text{LM}]$ (M = MgII(H ₂ O), ZnII, PdII). <i>Journal of Porphyrins and Phthalocyanines</i> , 2017 , 21, 334-344	1.8	3
497	Electrochemistry and spectroelectrochemistry of metallohexaphyrins containing bis-copper or bis-zinc central metal ions. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017 , 21, 311-321	1.8	3

496	Protonation and Electrochemical Properties of Pyridyl- and Sulfonatophenyl-Substituted Porphyrins in Nonaqueous Media. <i>ChemElectroChem</i> , 2017 , 4, 1872-1884	4.3	3
495	Electrochemistry of Methylated N-Confused Free-Base Tetraarylporphyrins in Nonaqueous Media. <i>ChemElectroChem</i> , 2017 , 4, 1863-1871	4.3	2
494	Electrochemistry of Corroles in Nonaqueous Media. <i>Chemical Reviews</i> , 2017 , 117, 3377-3419	68.1	127
493	Cobalt Tetrabutano- and Tetrabenzotetraarylporphyrin Complexes: Effect of Substituents on the Electrochemical Properties and Catalytic Activity of Oxygen Reduction Reactions. <i>Inorganic Chemistry</i> , 2017 , 56, 13613-13626	5.1	37
492	Solvent and substituent effects on UV-vis spectra and redox properties of zinc p-hydroxylphenylporphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017 , 21, 465-475	1.8	10
491	Functionalized Cobalt Triarylcorrole Covalently Bonded with Graphene Oxide: A Selective Catalyst for the Two- or Four-Electron Reduction of Oxygen. <i>Inorganic Chemistry</i> , 2017 , 56, 8954-8963	5.1	24
490	Influence of Hexabromination on free-base triarylcorroles: Electrochemistry and protonation-deprotonation reactions in nonaqueous media. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017 , 21, 633-645	1.8	1
489	Synthesis, Characterization, and Electrochemistry of Open-Chain Pentapyrroles and Sapphyrins with Highly Electron-Withdrawing meso-Tetraaryl Substituents. <i>Chemistry - A European Journal</i> , 2017 , 23, 12833-12844	4.8	8
488	Highly reducible extended copper corroles. <i>Dalton Transactions</i> , 2017 , 46, 10014-10022	4.3	13
487	Facile and Reversible Electrogenation of Porphyrin Trianions and Tetraanions in Nonaqueous Media. <i>Inorganic Chemistry</i> , 2017 , 56, 8527-8537	5.1	11
486	Tetracationic and Tetraanionic Manganese Porphyrins: Electrochemical and Spectroelectrochemical Characterization. <i>Inorganic Chemistry</i> , 2017 , 56, 8045-8057	5.1	12
485	General and Scalable Approach to A2B- and A2BC-Type Porphyrin Phosphonate Diesters. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 4881-4892	3.2	16
484	Synthesis and electrochemistry of A2B type mono- and bis-cobalt triarylcorroles and their electrocatalytic properties for reduction of dioxygen in acid media. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 1284-1295	1.8	9
483	Synthesis and Electrochemistry of Aryl-Substituted Tripyrrinone Copper Complexes. Comparison of Redox Properties to Structurally Related Porphyrins and Corroles. <i>Chinese Journal of Chemistry</i> , 2016 , 34, 962-968	4.9	6
482	Effect of NO ₂ substitution and solvent on UV-visible spectra, redox potentials and electron transfer mechanisms of copper bis-triarylcorroles. Proposed electrogeneration of a Cu(I) oxidation state. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 753-765	1.8	5
481	Porphyrins as Photoredox Catalysts: Experimental and Theoretical Studies. <i>Journal of the American Chemical Society</i> , 2016 , 138, 15451-15458	16.4	106
480	Non-linear optical, electrochemical and spectroelectrochemical properties of amphiphilic inner salt porphyrinic systems. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 1002-1015	1.8	2
479	Effect of Metalation on Porphyrin-Based Bifunctional Agents in Tumor Imaging and Photodynamic Therapy. <i>Bioconjugate Chemistry</i> , 2016 , 27, 667-80	6.3	27

478	Asymmetrically Crowded "Push-Pull" Octaphenylporphyrins with Modulated Frontier Orbitals: Syntheses, Photophysical, and Electrochemical Redox Properties. <i>Inorganic Chemistry</i> , 2016 , 55, 584-97	5.1	28
477	Tuning the Electrochemistry of Free-Base Porphyrins in Acidic Nonaqueous Media: Influence of Solvent, Supporting Electrolyte, and Ring Substituents. <i>ChemElectroChem</i> , 2016 , 3, 228-241	4.3	8
476	Electrochemical and Spectroelectrochemical Properties of Free-Base Pyridyl- and N-Alkyl-4-Pyridylporphyrins in Nonaqueous Media. <i>ChemElectroChem</i> , 2016 , 3, 110-121	4.3	8
475	Synthesis, characterization and electrochemistry of rhodium(III) complexes of meso-substituted [14]tribenzotriphyrin(2.1.1). <i>RSC Advances</i> , 2016 , 6, 41919-41926	3.7	4
474	Synthesis and electrochemistry of cobalt tetrabutano-triarylcorroles. Highly selective electrocatalysts for two-electron reduction of dioxygen in acidic and basic media. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 456-464	1.8	11
473	N-confused meso-tetraaryl-substituted free-base porphyrins: determination of protonation and deprotonation constants in nonaqueous media. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015 , 19, 251-260	1.8	10
472	Electrochemistry and spectroelectrochemistry of β -pyrazino-fused tetraarylporphyrins in nonaqueous media. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015 , 19, 388-397	1.8	2
471	5,10,15-Triferrocenylcorrole Complexes. <i>Inorganic Chemistry</i> , 2015 , 54, 10256-68	5.1	15
470	Tetra-2,3-pyrazinoporphyrazines with externally appended pyridine rings. 16. A rare class of uncharged water soluble complexes: UV-vis spectral, redox, and photochemical properties. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015 , 19, 903-919	1.8	9
469	Europium triple-decker complexes containing phthalocyanine and nitrophenyl-corrole macrocycles. <i>Inorganic Chemistry</i> , 2015 , 54, 9211-22	5.1	23
468	β -Functionalized Push-Pull opp-Dibenzoporphyrins. <i>Journal of Organic Chemistry</i> , 2015 , 80, 12076-87	4.2	24
467	Synthesis and Characterization of Palladium(II) Complexes of meso-Substituted [14]Tribenzotriphyrin(2.1.1). <i>Inorganic Chemistry</i> , 2015 , 54, 11852-8	5.1	16
466	Effect of solvent and protonation/deprotonation on electrochemistry, spectroelectrochemistry and electron-transfer mechanisms of N-confused tetraarylporphyrins in nonaqueous media. <i>Chemistry - A European Journal</i> , 2015 , 21, 2651-61	4.8	22
465	Synthesis and Characterization of Carbazole-Linked Porphyrin Tweezers. <i>Chemistry - A European Journal</i> , 2015 , 21, 12018-25	4.8	3
464	Electrochemistry of nitrated N-confused free-base tetraaryl-porphyrins in nonaqueous media. <i>Chemistry - A European Journal</i> , 2015 , 21, 14579-88	4.8	7
463	Ligand Noninnocence in Coinage Metal Corroles: A Silver Knife-Edge. <i>Chemistry - A European Journal</i> , 2015 , 21, 16839-47	4.8	72
462	Unsymmetrically functionalized benzoporphyrins. <i>RSC Advances</i> , 2015 , 5, 51489-51492	3.7	4
461	Electrochemical and spectroelectrochemical studies of diphosphorylated metalloporphyrins. Generation of a phlorin anion product. <i>Inorganic Chemistry</i> , 2015 , 54, 3501-12	5.1	40

460	Synthesis and Characterization of Rare Earth Corrole-Phthalocyanine Heteroleptic Triple-Decker Complexes. <i>Inorganic Chemistry</i> , 2015 , 54, 5795-805	5.1	14
459	A facile synthetic route to meso-tetraaryl substituted N-5 sapphyrins and first single crystal X-ray analysis confirming the pyrrole inverted structure. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015 , 19, 794-802	1.8	15
458	Self-assembled organic nanostructures and nonlinear optical properties of heteroleptic corrole-phthalocyanine europium triple-decker complexes. <i>Dyes and Pigments</i> , 2015 , 121, 38-45	4.6	25
457	Electrochemistry of nonplanar copper(II) tetrabutano- and tetrabenzotetraarylporphyrins in nonaqueous media. <i>RSC Advances</i> , 2015 , 5, 77088-77096	3.7	17
456	meso-Aryl substituted free-base tripyrrins: preparation and electrochemically induced protonation/deprotonation reactions. Single crystal X-ray analysis of (2,6-diFPh) ₂ TriPyH. <i>RSC Advances</i> , 2015 , 5, 96769-96776	3.7	3
455	Synthesis and electrochemistry of pyrrole nitro-substituted cobalt(II) porphyrins. The effect of the NO ₂ group on redox potentials, the electron transfer mechanism and catalytic reduction of molecular oxygen in acidic media. <i>Dalton Transactions</i> , 2014 , 43, 10809-15	4.3	26
454	Structural and Electrochemical Studies of Copper(I) Complexes with Diethoxyphosphoryl-1,10-phenanthrolines. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 3370-3386	2.3	12
453	Facile electrosynthesis of extended porphyrins. <i>Chemical Communications</i> , 2014 , 50, 8864-7	5.8	17
452	New example of hemiporphycene formation from the corrole ring expansion. <i>Inorganic Chemistry</i> , 2014 , 53, 7404-15	5.1	12
451	Experimental and DFT/Time-Dependent DFT Studies on Neutral and One-Electron-Reduced Quinoxaline and Pyrazine Precursors and Their Mononuclear (PdII, PtII) Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 3572-3581	2.3	4
450	Effect of axial ligands on the spectroscopic and electrochemical properties of diruthenium compounds. <i>Inorganic Chemistry</i> , 2014 , 53, 7416-28	5.1	13
449	Impact of substituents and nonplanarity on nickel and copper porphyrin electrochemistry: first observation of a Cu(II)/Cu(III) reaction in nonaqueous media. <i>Inorganic Chemistry</i> , 2014 , 53, 10772-8	5.1	48
448	Electrochemistry and catalytic properties for dioxygen reduction using ferrocene-substituted cobalt porphyrins. <i>Inorganic Chemistry</i> , 2014 , 53, 8600-9	5.1	59
447	Synthesis and characterization of bis-[PcRu(CO)][Ru ₂ (ap) ₄ (C ₅ H ₄ N) ₂]. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014 , 18, 49-57	1.8	5
446	Electroreductive dechlorination of hexachlorocyclohexane catalyzed by iron porphyrins in nonaqueous media. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014 , 18, 519-527	1.8	8
445	Planar and nonplanar free-base tetraarylporphyrins: pyrrole substituents and geometric effects on electrochemistry, spectroelectrochemistry, and protonation/deprotonation reactions in nonaqueous media. <i>Chemistry - A European Journal</i> , 2014 , 20, 524-32	4.8	51
444	Spectroelectrochemical characterization of meso triaryl-substituted Mn(IV), Mn(III) and Mn(II) corroles. Effect of solvent and oxidation state on UV-visible spectra and redox potentials in nonaqueous media. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014 , 18, 1131-1144	1.8	12
443	Electrochemistry of Fe(IV) and Mn(IV) corroles containing meso-dichlorophenyl substituents and the use of these compounds as catalysts for the electroreduction of dioxygen in acid media. <i>Turkish Journal of Chemistry</i> , 2014 , 38, 994-1005	1	4

442	Meso-dichlorophenyl substituted Co(III) corrole: A selective electrocatalyst for the two-electron reduction of dioxygen in acid media, X-ray crystal structure analysis and electrochemistry. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014 , 18, 891-898	1.8	16
441	Redox properties of nitrophenylporphyrins and electrosynthesis of nitrophenyl-linked Zn porphyrin dimers or arrays. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014 , 18, 832-841	1.8	8
440	Cobalt triarylcorroles containing one, two or three nitro groups. Effect of NO ₂ substitution on electrochemical properties and catalytic activity for reduction of molecular oxygen in acid media. <i>Journal of Inorganic Biochemistry</i> , 2014 , 136, 130-9	4.2	50
439	Synthesis, structural characterization and protonation/deprotonation of hydroxyl-substituted free-base tetraphenylporphyrins in nonaqueous media. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013 , 17, 941-953	1.8	6
438	Electrochemically driven intramolecular oxidative aromatic coupling as a pathway toward extended porphyrins. <i>Inorganic Chemistry</i> , 2013 , 52, 9532-8	5.1	15
437	Nitro-substituted free-base, iron(III) and manganese(III) tetraarylporphyrins: synthesis, electrochemistry and effect of the NO ₂ substituent on spectra and redox potentials in non-aqueous media. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013 , 17, 857-869	1.8	26
436	Synthesis, structure, and electrochemical characterization of a mixed-ligand diruthenium(III,II) complex with an unusual arrangement of the bridging ligands. <i>Dalton Transactions</i> , 2013 , 42, 3571-80	4.3	12
435	Gold(III) porphyrins containing two, three, or four fused quinoxalines. Synthesis, electrochemistry, and effect of structure and acidity on electroreduction mechanism. <i>Inorganic Chemistry</i> , 2013 , 52, 2474-83	5.1	19
434	Unusual formation of a stable 2D copper porphyrin network. <i>Inorganic Chemistry</i> , 2013 , 52, 999-1008	5.1	52
433	Aluminum, gallium, germanium, copper, and phosphorus complexes of meso-triaryltetrabenzocorrole. <i>Inorganic Chemistry</i> , 2013 , 52, 4061-70	5.1	10
432	Synthesis, characterization, protonation reactions, and electrochemistry of substituted open-chain pentapyrroles and sapphyrins in nonaqueous media. <i>Inorganic Chemistry</i> , 2013 , 52, 6664-73	5.1	14
431	Regioselective synthesis and photophysical and electrochemical studies of 20-substituted cyanine dye-purpurinimide conjugates: incorporation of Ni(II) into the conjugate enhances its tumor-uptake and fluorescence-imaging ability. <i>Chemistry - A European Journal</i> , 2013 , 19, 6670-84	4.8	15
430	Electrogenerated Fe(I) Porphyrins: Efficient Electrocatalysts for Reductive Dechlorination of DDT in N,N'-Dimethylformamide. <i>Electroanalysis</i> , 2013 , 25, 1513-1518	3	10
429	Deprotonation reactions and electrochemistry of substituted open-chain pentapyrroles and sapphyrins in basic nonaqueous media. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 13646-57	3.4	5
428	Synthesis and characterization of functionalized meso-triaryltetrabenzocorroles. <i>Inorganic Chemistry</i> , 2013 , 52, 8834-44	5.1	20
427	Electrochemical and spectroelectrochemical studies of phosphorylated Zn porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013 , 17, 1035-1045	1.8	16
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134	Electrochemistry and germanium porphyrins in nonaqueous media. Reactions of water and hydroxide ligands associated with (P)Ge(ClO ₄) ₂ and (P)Ge(OH) ₂ , where P is the dianion of tetraphenylporphyrin (TPP) or octaethylporphyrin (OEP). <i>Inorganic Chemistry</i> , 1988 , 27, 691-696	5.1	7
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128	Electrosynthesis and Electrochemistry of Metalloporphyrins Containing a Metal-Carbon Bond. <i>ACS Symposium Series</i> , 1988 , 451-465	0.4	1
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117	Electrochemical, structural and spectroelectrochemical investigations of (OEP)Ir(CO)Cl and (TPP)Ir(CO)Cl in nonbonding media. <i>Organometallics</i> , 1987 , 6, 2146-2150	3.8	13
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114	Electrochemistry of iron porphyrins under a carbon monoxide atmosphere. Interactions between carbon monoxide and pyridine. <i>Inorganic Chemistry</i> , 1987 , 26, 405-412	5.1	12
113	Structural, ESR, and electrochemical properties of two [Rh2(ap)4] ⁺ geometric isomers (ap = 2-anilinopyridinate). A true mixed-valent rhodium(II)-rhodium(III) complex. <i>Inorganic Chemistry</i> , 1987 , 26, 2927-2929	5.1	10
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111	Chloride-binding reactions and electrochemistry of (tetraphenylporphyrinato)cobalt and chloro(tetraphenylporphyrinato)cobalt in dichloromethane. <i>Inorganic Chemistry</i> , 1987 , 26, 4161-4167	5.1	60
110	Synthesis, photochemistry, and electrochemistry of (P)Ge(R)2 and (P)Ge(R)X (P = TPP or OEP, R = CH3, CH2C6H5, or C6H5, and X = Cl-, OH-, or ClO4-). <i>Journal of the American Chemical Society</i> , 1987 , 109, 7705-7714	16.4	27
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106	A reinvestigation of silver porphyrin electrochemistry. Reactions of silver(III), silver(II), and silver(I). <i>Inorganic Chemistry</i> , 1986 , 25, 3236-3242	5.1	29
105	Electrochemical and spectroelectrochemical studies of tetraphenylporphyrinato rhodium(III) acetyl, (TPP)Rh(COCH3). <i>Inorganic Chemistry</i> , 1986 , 25, 1277-1280	5.1	9
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102	Electrochemistry of porphyrins containing a metal-metal bond. Reactions of "carbenoid" (TpTP)GeFe(CO)4 and (TpTP)SnFe(CO)4. <i>Inorganic Chemistry</i> , 1986 , 25, 121-122	5.1	9
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97	Electrochemical studies of monomeric niobium(V) and niobium(IV) porphyrins in nonaqueous media. <i>Inorganic Chemistry</i> , 1986 , 25, 3786-3791	5.1	5
96	Characteristics of a full edge current flow thin-layer electrochemical cell that uses both internal (real) and external (auxiliary) reference points. <i>Analytical Chemistry</i> , 1986 , 58, 1493-7	7.8	27
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83	Synthesis and characterization of dirhodium complexes with four N,N'-diphenylbenzamidine bridging ligands. Electrochemical generation and ESR properties of [Rh ₂ (N ₂ R ₂ CR) ₄] _n where R = Phenyl and n = 1 and -1. <i>Journal of the American Chemical Society</i> , 1985 , 107, 7195-7197	16.4	27

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