Kei Ohkubo

List of Publications by Citations

437 papers	19,509 citations	74 h-index	110 g-index
476 ext. papers	21,014 ext. citations	7.1 avg, IF	6.89 L-index

#	Paper	IF	Citations
437	Electron-transfer state of 9-mesityl-10-methylacridinium ion with a much longer lifetime and higher energy than that of the natural photosynthetic reaction center. *Journal of the American Chemical Society*, **2004**, 126, 1600-1	16.4	452
436	Organic synthetic transformations using organic dyes as photoredox catalysts. *Organic and Biomolecular Chemistry*, **2014**, 12, 6059-71	3.9	322
435	Selective photocatalytic reactions with organic photocatalysts. *Chemical Science*, **2013**, 4, 561-574	9.4	297
434	Long-lived charge separation and applications in artificial photosynthesis. *Accounts of Chemical Research*, **2014**, 47, 1455-64	24.3	296
433	Rational principles for modulating fluorescence properties of fluorescein. *Journal of the American Chemical Society*, **2004**, 126, 14079-85	16.4	270
432	Rational design principle for modulating fluorescence properties of fluorescein-based probes by photoinduced electron transfer. *Journal of the American Chemical Society*, **2003**, 125, 8666-71	16.4	233
431	Charge separation in a nonfluorescent donor-acceptor dyad derived from boron dipyrromethene dye, leading to photocurrent generation. *Journal of Physical Chemistry B*, **2005**, 109, 15368-75	3.4	211
430	Photocatalytic oxygenation of anthracenes and olefins with dioxygen via selective radical coupling using 9-mesityl-10-methylacridinium ion as an effective electron-transfer photocatalyst. *Journal of the American Chemical Society*, **2004**, 126, 15999-6006	16.4	204
429	Phosphorescent sensor for biological mobile zinc. *Journal of the American Chemical Society*, **2011**, 133, 18328-42	16.4	194
428	Quantitative evaluation of Lewis acidity of metal ions derived from the g values of ESR spectra of superoxide: metal ion complexes in relation to the promoting effects in electron transfer reactions. *Chemistry - A European Journal*, **2000**, 6, 4532-5	4.8	191
427	Visible-light-induced oxygenation of benzene by the triplet excited state of 2,3-dichloro-5,6-dicyano-p-benzoquinone. *Journal of the American Chemical Society*, **2013**, 135, 5368-71	16.4	181
426	Photochemical and electrochemical properties of zinc chlorin-C60 dyad as compared to corresponding free-base chlorin-C60, free-base porphyrin-C60, and zinc porphyrin-C60 dyads. *Journal of the American Chemical Society*, **2001**, 123, 10676-83	16.4	181
425	Production of an ultra-long-lived charge-separated state in a zinc chlorin-C60 dyad by one-step photoinduced electron transfer. *Angewandte Chemie - International Edition*, **2004**, 43, 853-6	16.4	180
424	Simultaneous production of p-tolualdehyde and hydrogen peroxide in photocatalytic oxygenation of p-xylene and reduction of oxygen with 9-mesityl-10-methylacridinium ion derivatives. *Chemical Communications*, **2010**, 46, 601-3	5.8	177
423	Photosynthetic reaction center mimicry: low reorganization energy driven charge stabilization in self-assembled cofacial zinc phthalocyanine dimer-fullerene conjugate. *Journal of the American Chemical Society*, **2009**, 131, 8787-97	16.4	170
422	Corrole-fullerene dyads: formation of long-lived charge-separated states in nonpolar solvents. *Journal of the American Chemical Society*, **2008**, 130, 14263-72	16.4	165
421	Catalytic mechanisms of hydrogen evolution with homogeneous and heterogeneous catalysts. *Energy and Environmental Science*, **2011**, 4, 2754	35.4	159

420	Structure and spectroscopy of oxyluciferin, the light emitter of the firefly bioluminescence. *Journal of the American Chemical Society*, **2009**, 131, 11590-605	16.4	155
419	Oxidation mechanism of phenols by dicopper-dioxygen (Cu(2)/O(2)) complexes. *Journal of the American Chemical Society*, **2003**, 125, 11027-33	16.4	151
418	Supramolecular electron transfer by anion binding. *Chemical Communications*, **2012**, 48, 9801-15	5.8	149
417	Charge separation in metallomacrocycle complexes linked with electron acceptors by axial coordination. *Dalton Transactions*, **2009**, 3880-9	4.3	148
416	Selective photocatalytic aerobic bromination with hydrogen bromidevia an electron-transfer state of 9-mesityl-10-methylacridinium ion. *Chemical Science*, **2011**, 2, 715	9.4	147
415	Driving force dependence of intermolecular electron-transfer reactions of fullerenes. *Chemistry - A European Journal*, **2003**, 9, 1585-93	4.8	147
414	Ultrafast Photodynamics of Exciplex Formation and Photoinduced Electron Transfer in Porphyrin−Fullerene Dyads Linked at Close Proximity. *Journal of Physical Chemistry A*, **2003**, 107, 8834-8844	2.8	147
413	Ion-mediated electron transfer in a supramolecular donor-acceptor ensemble. *Science*, **2010**, 329, 1324-7	33.3	144
412	Photoalkylation of 10-alkylacridinium ion via a charge-shift type of photoinduced electron transfer controlled by solvent polarity. *Journal of the American Chemical Society*, **2001**, 123, 8459-67	16.4	143
411	Assemblies of artificial photosynthetic reaction centres. *Journal of Materials Chemistry*, **2012**, 22, 4575		140
410	Direct oxygenation of benzene to phenol using quinolinium ions as homogeneous photocatalysts. *Angewandte Chemie - International Edition*, **2011**, 50, 8652-5	16.4	139
409	Hydride Transfer from 9-Substituted 10-Methyl-9,10-dihydroacridines to Hydride Acceptors via Charge-Transfer Complexes and Sequential Electron−Proton−Electron Transfer. A Negative Temperature Dependence of the Rates. *Journal of the American Chemical Society*, **2000**, 122, 4286-4294	16.4	126
408	Ion-controlled on-off switch of electron transfer from tetrathiafulvalene calix[4]pyrroles to Li+@C60. *Journal of the American Chemical Society*, **2011**, 133, 15938-41	16.4	116
407	Spectroscopic characterization of photolytically generated radical ion pairs in single-wall carbon nanotubes bearing surface-immobilized tetrathiafulvalenes. *Journal of the American Chemical Society*, **2008**, 130, 66-73	16.4	115
406	A tightly coupled bis(zinc(II) phthalocyanine)-perylenediimide ensemble to yield long-lived radical ion pair states. *Organic Letters*, **2007**, 9, 2481-4	6.2	114
405	Metal ion-coupled and decoupled electron transfer. *Coordination Chemistry Reviews*, **2010**, 254, 372-385	23.2	113
404	Fluorescent zinc sensor with minimized proton-induced interferences: photophysical mechanism for fluorescence turn-on response and detection of endogenous free zinc ions. *Inorganic Chemistry*, **2012**, 51, 8760-74	5.1	109
403	Photocatalytic Reduction of Low Concentration of CO. *Journal of the American Chemical Society*, **2016**, 138, 13818-13821	16.4	107

402	A key role for old yellow enzyme in the metabolism of drugs by Trypanosoma cruzi. *Journal of Experimental Medicine*, **2002**, 196, 1241-51	16.6	105
401	Fluorescence maxima of 10-methylacridone-metal ion salt complexes: a convenient and quantitative measure of lewis acidity of metal ion salts. *Journal of the American Chemical Society*, **2002**, 124, 10270-1	16.4	105
400	Mechanistic insights into the oxidation of substituted phenols via hydrogen atom abstraction by a cupric-superoxo complex. *Journal of the American Chemical Society*, **2014**, 136, 9925-37	16.4	104
399	Persistent electron-transfer state of a pi-complex of acridinium ion inserted between porphyrin rings of cofacial bisporphyrins. *Journal of the American Chemical Society*, **2006**, 128, 14625-33	16.4	103
398	Zinc Phthalocyanine□raphene Hybrid Material for Energy Conversion: Synthesis, Characterization, Photophysics, and Photoelectrochemical Cell Preparation. *Journal of Physical Chemistry C*, **2012**, 116, 20564-20573	3.8	102
397	Redox-controlled ligand exchange of the heme in the CO-sensing transcriptional activator CooA. *Journal of Biological Chemistry*, **1998**, 273, 25757-64	5.4	101
396	Efficient two-electron reduction of dioxygen to hydrogen peroxide with one-electron reductants with a small overpotential catalyzed by a cobalt chlorin complex. *Journal of the American Chemical Society*, **2013**, 135, 2800-8	16.4	100
395	Electronic properties of trifluoromethylated corannulenes. *Angewandte Chemie - International Edition*, **2012**, 51, 11385-8	16.4	99
394	Lewis Acid Coupled Electron Transfer of Metal-Oxygen Intermediates. *Chemistry - A European Journal*, **2015**, 21, 17548-59	4.8	98
393	Catalytic activity of biscobalt porphyrin-corrole dyads toward the reduction of dioxygen. *Inorganic Chemistry*, **2009**, 48, 2571-82	5.1	97
392	Metal-centered photoinduced electron transfer reduction of a gold(III) porphyrin cation linked with a zinc porphyrin to produce a long-lived charge-separated state in nonpolar solvents. *Journal of the American Chemical Society*, **2003**, 125, 14984-5	16.4	96
391	Protonation-coupled redox reactions in planar antiaromatic meso-pentafluorophenyl-substituted o-phenylene-bridged annulated rosarins. *Nature Chemistry*, **2013**, 5, 15-20	17.6	95
390	Rational Design and Functions of Electron Donor□Acceptor Dyads with Much Longer Charge-Separated Lifetimes than Natural Photosynthetic Reaction Centers. *Bulletin of the Chemical Society of Japan*, **2009**, 82, 303-315	5.1	95
389	Mechanisms and applications of cyclometalated Pt(ii) complexes in photoredox catalytic trifluoromethylation. *Chemical Science*, **2015**, 6, 1454-1464	9.4	94
388	A discrete supramolecular conglomerate composed of two saddle-distorted zinc(II)-phthalocyanine complexes and a doubly protonated porphyrin with saddle distortion undergoing efficient photoinduced electron transfer. *Angewandte Chemie - International Edition*, **2008**, 47, 6712-6	16.4	94
387	Thienyl-substituted methanofullerene derivatives for organic photovoltaic cells. *Journal of Materials Chemistry*, **2010**, 20, 475-482		93
386	Clarification of the oxidation state of cobalt corroles in heterogeneous and homogeneous catalytic reduction of dioxygen. *Inorganic Chemistry*, **2008**, 47, 6726-37	5.1	93
385	Formation of a long-lived charge-separated state of a zinc phthalocyanine-perylenediimide dyad by complexation with magnesium ion. *Chemical Communications*, **2005**, 3814-6	5.8	92

384	Electron-transfer mechanism in radical-scavenging reactions by a vitamin E model in a protic medium. *Organic and Biomolecular Chemistry*, **2005**, 3, 626-9	3.9	92
383	Photocatalytic hydrogen evolution under highly basic conditions by using Ru nanoparticles and 2-phenyl-4-(1-naphthyl)quinolinium ion. *Journal of the American Chemical Society*, **2011**, 133, 16136-45	16.4	91
382	Intramolecular electron transfer within the substituted tetrathiafulvalene-quinone dyads: facilitated by metal ion and photomodulation in the presence of spiropyran. *Journal of the American Chemical Society*, **2007**, 129, 6839-46	16.4	91
381	Selective oxygenation of ring-substituted toluenes with electron-donating and -withdrawing substituents by molecular oxygen via photoinduced electron transfer. *Journal of the American Chemical Society*, **2003**, 125, 12850-9	16.4	90
380	Long-lived charge-separated state produced by photoinduced electron transfer in a zinc imidazoporphyrin-C(60) dyad. *Organic Letters*, **2003**, 5, 2719-21	6.2	88
379	Catalytic four-electron reduction of O2 via rate-determining proton-coupled electron transfer to a dinuclear cobalt-□1,2-peroxo complex. *Journal of the American Chemical Society*, **2012**, 134, 9906-9	16.4	87
378	Selective electrochemical reduction of CO2 to CO with a cobalt chlorin complex adsorbed on multi-walled carbon nanotubes in water. *Chemical Communications*, **2015**, 51, 10226-8	5.8	86
377	Size- and shape-dependent activity of metal nanoparticles as hydrogen-evolution catalysts: mechanistic insights into photocatalytic hydrogen evolution. *Chemistry - A European Journal*, **2011**, 17, 2777-85	4.8	86
376	Catalytic asymmetric allylation of aldehydes with alkenes through allylic C(sp)-H functionalization mediated by organophotoredox and chiral chromium hybrid catalysis. *Chemical Science*, **2019**, 10, 3459-3465	9.4	85
375	Anion-complexation-induced stabilization of charge separation. *Journal of the American Chemical Society*, **2009**, 131, 16138-46	16.4	85
374	Control of photoinduced electron transfer in zinc phthalocyanine-perylenediimide dyad and triad by the magnesium ion. *Journal of Physical Chemistry A*, **2008**, 112, 10744-52	2.8	83
373	Photosynthetic antenna-reaction center mimicry with a covalently linked monostyryl boron-dipyrromethene-aza-boron-dipyrromethene-C60 triad. *Chemistry - A European Journal*, **2013**, 19, 11332-41	4.8	83
372	Photocatalytic hydrogen evolution with Ni nanoparticles by using 2-phenyl-4-(1-naphthyl)quinolinium ion as a photocatalyst. *Energy and Environmental Science*, **2012**, 5, 6111	35.4	82
371	Electron-transfer oxidation properties of DNA bases and DNA oligomers. *Journal of Physical Chemistry A*, **2005**, 109, 3285-94	2.8	82
370	Small Reorganization Energy of Intramolecular Electron Transfer in Fullerene-Based Dyads with Short Linkage. *Journal of Physical Chemistry A*, **2002**, 106, 10991-10998	2.8	81
369	Long-lived long-distance photochemically induced spin-polarized charge separation in □-pyrrolic fused ferrocene-porphyrin-fullerene systems. *Chemical Science*, **2012**, 3, 257-269	9.4	80
368	Enhanced catalytic four-electron dioxygen (O2) and two-electron hydrogen peroxide (H2O2) reduction with a copper(II) complex possessing a pendant ligand pivalamido group. *Journal of the American Chemical Society*, **2013**, 135, 6513-22	16.4	79
367	Metal ion-catalyzed Diels-Alder and hydride transfer reactions. Catalysis of metal ions in the electron-transfer step. *Journal of the American Chemical Society*, **2002**, 124, 14147-55	16.4	77

366	Quantitative evaluation of Lewis acidity of metal ions with different ligands and counterions in relation to the promoting effects of Lewis acids on electron transfer reduction of oxygen. *Journal of Organic Chemistry*, **2003**, 68, 4720-6	4.2	76
365	Supramolecular structures and photoelectronic properties of the inclusion complex of a cyclic free-base porphyrin dimer and C60. *Chemistry - A European Journal*, **2010**, 16, 11611-23	4.8	74
364	A discrete conglomerate of a distorted Mo(v)-porphyrin with a directly coordinated Keggin-type polyoxometalate. *Chemical Communications*, **2007**, 3997-9	5.8	74
363	DNA Cleavage via Superoxide Anion Formed in Photoinduced Electron Transfer from NADH to Cyclodextrin-Bicapped C60 in an Oxygen-Saturated Aqueous Solution. *Journal of Physical Chemistry B*, **2002**, 106, 2372-2380	3.4	74
362	Factors that control catalytic two- versus four-electron reduction of dioxygen by copper complexes. *Journal of the American Chemical Society*, **2012**, 134, 7025-35	16.4	73
361	Efficient photocatalytic hydrogen evolution without an electron mediator using a simple electron donor-acceptor dyad. *Physical Chemistry Chemical Physics*, **2007**, 9, 1487-92	3.6	73
360	Solvent-free selective photocatalytic oxidation of benzyl alcohol to benzaldehyde by molecular oxygen using 9-phenyl-10-methylacridinium. *Chemical Communications*, **2006**, 2018-20	5.8	73
359	100 selective oxygenation of p-xylene to p-tolualdehyde via photoinduced electron transfer. *Organic Letters*, **2000**, 2, 3647-50	6.2	73
358	Efficient Catalysis of Rare-Earth Metal Ions in Photoinduced Electron-Transfer Oxidation of Benzyl Alcohols by a Flavin Analogue. *Journal of Physical Chemistry A*, **2001**, 105, 10501-10510	2.8	72
357	Photoinduced electron transfer in a beta,beta-pyrrolic fused ferrocene-(zinc porphyrin)-fullerene. *Physical Chemistry Chemical Physics*, **2007**, 9, 5260-6	3.6	71
356	Strong supramolecular binding of Li(+)@C60 with sulfonated meso-tetraphenylporphyrins and long-lived photoinduced charge separation. *Chemical Communications*, **2012**, 48, 4314-6	5.8	69
355	Multiple photosynthetic reaction centres composed of supramolecular assemblies of zinc porphyrin dendrimers with a fullerene acceptor. *Chemical Communications*, **2011**, 47, 7980-2	5.8	69
354	Face-to-face pacman-type porphyrin-fullerene dyads: design, synthesis, charge-transfer interactions, and photophysical studies. *Chemistry - A European Journal*, **2008**, 14, 674-81	4.8	69
353	Photocatalytic Electron-Transfer Oxidation of Triphenylphosphine and Benzylamine with Molecular Oxygen via Formation of Radical Cations and Superoxide Ion. *Bulletin of the Chemical Society of Japan*, **2006**, 79, 1489-1500	5.1	68
352	Structural basis for DNA-cleaving activity of resveratrol in the presence of Cu(II). *Bioorganic and Medicinal Chemistry*, **2006**, 14, 1437-43	3.4	68
351	Synthesis and photophysical studies of a new nonaggregated C60-silicon phthalocyanine-C60 triad. *Organic Letters*, **2007**, 9, 3441-4	6.2	67
350	Viologen-modified platinum clusters acting as an efficient catalyst in photocatalytic hydrogen evolution. *Journal of Physical Chemistry B*, **2006**, 110, 24047-53	3.4	67
349	"Umpolung" photoinduced charge separation in an anion-bound supramolecular complex. *Journal of the American Chemical Society*, **2008**, 130, 15256-7	16.4	66

348	Active site models for the Cu(A) site of peptidylglycine □hydroxylating monooxygenase and dopamine □monooxygenase. *Inorganic Chemistry*, **2012**, 51, 9465-80	5.1	65
347	In vitro heavy-atom effect of palladium(II) and platinum(II) complexes of pyrrolidine-fused chlorin in photodynamic therapy. *Journal of Medicinal Chemistry*, **2009**, 52, 2747-53	8.3	65
346	Misleading effects of impurities derived from the extremely long-lived electron-transfer state of 9-mesityl-10-methylacridinium ion. *Chemical Communications*, **2005**, 4520-2	5.8	65
345	Structure and photoinduced electron transfer dynamics of a series of hydrogen-bonded supramolecular complexes composed of electron donors and a saddle-distorted diprotonated porphyrin. *Journal of the American Chemical Society*, **2010**, 132, 10155-63	16.4	64
344	A broad-band capturing and emitting molecular triad: synthesis and photochemistry. *Chemical Communications*, **2013**, 49, 2867-9	5.8	63
343	Metal-free oxygenation of cyclohexane with oxygen catalyzed by 9-mesityl-10-methylacridinium and hydrogen chloride under visible light irradiation. *Chemical Communications*, **2011**, 47, 8515-7	5.8	63
342	Metal bacteriochlorins which act as dual singlet oxygen and superoxide generators. *Journal of Physical Chemistry B*, **2008**, 112, 2738-46	3.4	63
341	Long-lived photoinduced charge separation for solar cell applications in supramolecular complexes of multi-metalloporphyrins and fullerenes. *Dalton Transactions*, **2013**, 42, 15846-58	4.3	61
340	Mechanistic insights into hydride-transfer and electron-transfer reactions by a manganese(IV)-oxo porphyrin complex. *Journal of the American Chemical Society*, **2009**, 131, 17127-34	16.4	61
339	Effects of Metal Ions Distinguishing between One-Step Hydrogen- and Electron-Transfer Mechanisms for the Radical-Scavenging Reaction of (+)-Catechin. *Journal of Physical Chemistry A*, **2002**, 106, 11123-11126	2.8	61
338	Formation of a long-lived electron-transfer state in mesoporous silica-alumina composites enhances photocatalytic oxygenation reactivity. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 15572-7	11.5	60
337	Inter- and intramolecular photoinduced electron transfer of flavin derivatives with extremely small reorganization energies. *Chemistry - A European Journal*, **2010**, 16, 7820-32	4.8	60
336	Efficient photocatalytic oxygenation of aromatic alkene to 1,2-dioxetane with oxygen via electron transfer. *Organic Letters*, **2005**, 7, 4265-8	6.2	60
335	Ru(ii)-Re(i) binuclear photocatalysts connected by -CHXCH- (X = O, S, CH) for CO reduction. *Chemical Science*, **2015**, 6, 3003-3012	9.4	59
334	Reorganization energies of diprotonated and saddle-distorted porphyrins in photoinduced electron-transfer reduction controlled by conformational distortion. *Journal of the American Chemical Society*, **2009**, 131, 577-84	16.4	59
333	Synthesis and photoinduced electron transfer of phthalocyanine-perylenebisimide pentameric arrays. *Journal of Organic Chemistry*, **2009**, 74, 5871-80	4.2	59
332	Exciplex mediated photoinduced electron transfer reactions of phthalocyanine-fullerene dyads. *Journal of Physical Chemistry A*, **2008**, 112, 6884-92	2.8	59
331	Organotin perfluorooctanesulfonates as air-stable Lewis acid catalysts: synthesis, characterization, and catalysis. *Chemistry - A European Journal*, **2006**, 12, 1642-7	4.8	59

330	Long-lived charge-separated states of simple electron donor-acceptor dyads using porphyrins and phthalocyanines. *Journal of Porphyrins and Phthalocyanines*, **2008**, 12, 993-1004	1.8	58
329	Mechanisms of metal ion-coupled electron transfer. *Physical Chemistry Chemical Physics*, **2012**, 14, 8472-84	3.6	57
328	Determination of the structural features of a long-lived electron-transfer state of 9-mesityl-10-methylacridinium ion. *Journal of the American Chemical Society*, **2012**, 134, 4569-72	16.4	57
327	Photochemical charge separation in closely positioned donor-boron dipyrrin-fullerene triads. *Chemistry - A European Journal*, **2011**, 17, 3147-56	4.8	57
326	Redox behavior of cyclo[6]pyrrole in the formation of a uranyl complex. *Inorganic Chemistry*, **2007**, 46, 5143-5	5.1	57
325	Selective inclusion of electron-donating molecules into porphyrin nanochannels derived from the self-assembly of saddle-distorted, protonated porphyrins and photoinduced electron transfer from guest molecules to porphyrin dications. *Chemistry - A European Journal*, **2007**, 13, 8714-25	4.8	57
324	Excitation-wavelength-dependent, ultrafast photoinduced electron transfer in bisferrocene/BF2-chelated-azadipyrromethene/fullerene tetrads. *Chemistry - A European Journal*, **2013**, 19, 7221-30	4.8	56
323	Temperature-independent catalytic two-electron reduction of dioxygen by ferrocenes with a copper(II) tris[2-(2-pyridyl)ethyl]amine catalyst in the presence of perchloric acid. *Journal of the American Chemical Society*, **2013**, 135, 2825-34	16.4	56
322	Metalloporphycenes: synthesis and characterization of (pentamethylcyclopentadienyl)ruthenium sitting-atop and pi-complexes. *Journal of the American Chemical Society*, **2009**, 131, 13538-47	16.4	56
321	Response: Why had long-lived electron-transfer states of donor-substituted 10-methylacridinium ions been overlooked? Formation of the dimer radical cations detected in the near-IR region. *Physical Chemistry Chemical Physics*, **2008**, 10, 5159-62	3.6	56
320	Fluorinated photosensitizers: synthesis, photophysical, electrochemical, intracellular localization, in vitro photosensitizing efficacy and determination of tumor-uptake by 19F in vivo NMR spectroscopy. *Tetrahedron*, **2003**, 59, 10059-10073	2.4	56
319	Formation of a long-lived electron-transfer state of a naphthalene-quinolinium ion dyad and the pi-dimer radical cation. *Faraday Discussions*, **2012**, 155, 89-102; discussion 103-14	3.6	54
318	Photoinduced electron-transfer dynamics and long-lived CS states of donor□cceptor linked dyads and a triad containing a gold porphyrin in nonpolar solvents. *Chemical Physics*, **2006**, 326, 3-14	2.3	54
317	Spectroelectrochemical and ESR studies of highly substituted copper corroles. *Journal of Porphyrins and Phthalocyanines*, **2004**, 08, 1236-1247	1.8	54
316	Enhancement of Light Harvesting and Photocurrent Generation by ITO Electrodes Modified with meso,meso-Linked Porphyrin Oligomers. *Nano Letters*, **2003**, 3, 409-412	11.5	54
315	Rational design of a phthalocyanine-perylenediimide dyad with a long-lived charge-separated state. *Chemical Communications*, **2012**, 48, 6241-3	5.8	53
314	Synthesis and photodynamics of fluorescent blue BODIPY-porphyrin tweezers linked by triazole rings. *Journal of Physical Chemistry A*, **2012**, 116, 3889-98	2.8	52
313	Diels□Alder Reactions of Anthracenes with Dienophiles via Photoinduced Electron Transfer. *Journal of Physical Chemistry A*, **2003**, 107, 5412-5418	2.8	52

312	Solvent-free one-step photochemical hydroxylation of benzene derivatives by the singlet excited state of 2,3-Dichloro-5,6-dicyano-p-benzoquinone acting as a super oxidant. *Chemistry - A European Journal*, **2015**, 21, 2855-61	4.8	51
311	One-Step Selective Hydroxylation of Benzene to Phenol. *Asian Journal of Organic Chemistry*, **2015**, 4, 836-845	3	51
310	Quantitative evaluation of d-pi interaction in copper(I) complexes and control of copper(I)-dioxygen reactivity. *Chemistry - A European Journal*, **2004**, 10, 237-46	4.8	51
309	Light-driven, proton-controlled, catalytic aerobic C-H oxidation mediated by a Mn(III) porphyrinoid complex. *Journal of the American Chemical Society*, **2015**, 137, 4614-7	16.4	50
308	Highly selective synthesis of the ring-B reduced chlorins by ferric chloride-mediated oxidation of bacteriochlorins: effects of the fused imide vs isocyclic ring on photophysical and electrochemical properties. *Journal of the American Chemical Society*, **2008**, 130, 14311-23	16.4	50
307	Substituent effects on the site of electron transfer during the first reduction for gold(III) porphyrins. *Inorganic Chemistry*, **2004**, 43, 2078-86	5.1	50
306	Oxygenation of Methylstyrene with Molecular Oxygen, Catalyzed by 10-Methylacridinium Ion via Photoinduced Electron Transfer. *Journal of Physical Chemistry A*, **2003**, 107, 4339-4346	2.8	50
305	Acid-induced mechanism change and overpotential decrease in dioxygen reduction catalysis with a dinuclear copper complex. *Journal of the American Chemical Society*, **2013**, 135, 4018-26	16.4	49
304	Quinoxalino[2,3-b]porphyrins behave as pi-expanded porphyrins upon one-electron reduction: broad control of the degree of delocalization through substitution at the macrocycle periphery. *Journal of Physical Chemistry B*, **2007**, 111, 8762-74	3.4	49
303	Production of an Ultra-Long-Lived Charge-Separated State in a Zinc Chlorin–C60 Dyad by One-Step Photoinduced Electron Transfer. *Angewandte Chemie*, **2004**, 116, 871-874	3.6	49
302	Remarkable Accelerating Effects of Ammonium Cations on Electron-Transfer Reactions of Quinones by Hydrogen Bonding with Semiquinone Radical Anions. *Journal of Physical Chemistry A*, **2004**, 108, 10405-10413	2.8	49
301	Porphyrins fused with strongly electron-donating 1,3-dithiol-2-ylidene moieties: redox control by metal cation complexation and anion binding. *Journal of the American Chemical Society*, **2013**, 135, 10852-62	16.4	48
300	Anisotropic High Electron Mobility and Photodynamics of a Self-Assembled Porphyrin Nanotube Including C60 Molecules. *Journal of Physical Chemistry C*, **2009**, 113, 19694-19699	3.8	48
299	Aliphatic C-H bond activation initiated by a (mu-eta2:eta2-peroxo)dicopper(II) complex in comparison with cumylperoxyl radical. *Journal of the American Chemical Society*, **2009**, 131, 9258-67	16.4	48
298	Radical scavenging reactivity of catecholamine neurotransmitters and the inhibition effect for DNA cleavage. *Journal of Physical Chemistry B*, **2010**, 114, 675-80	3.4	47
297	Host-guest complexation of endohedral metallofullerene with azacrown ether and its application. *Journal of the American Chemical Society*, **2006**, 128, 6699-703	16.4	47
296	Heme environmental structure of CooA is modulated by the target DNA binding. Evidence from resonance Raman spectroscopy and CO rebinding kinetics. *Journal of Biological Chemistry*, **1998**, 273, 19988-92	5.4	47
295	Submillisecond-lived photoinduced charge separation in a fully conjugated phthalocyanine–perylenebenzimidazole dyad. *Chemical Science*, **2014**, 5, 4785-4793	9.4	46

294	Submillisecond-lived photoinduced charge separation in inclusion complexes composed of Li+@C60 and cyclic porphyrin dimers. *Chemical Science*, **2013**, 4, 1451	9.4	46
293	Efficient Epoxidation of Styrene Derivatives by a Nonheme Iron(IV)-Oxo Complex via Proton-Coupled Electron Transfer with Triflic Acid. *Inorganic Chemistry*, **2015**, 54, 5806-12	5.1	46
292	Enhanced photoinduced electron-transfer reduction of Li(+)@C60 in comparison with C60. *Journal of Physical Chemistry A*, **2012**, 116, 8942-8	2.8	46
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