

# Kei Ohkubo

## 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.

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	9-Cyano-10-methoxycarbonylanthracene as a Visible Organic Photoredox Catalyst in the Two-Molecule Photoredox System. <i>Journal of Organic Chemistry</i> , <b>2022</b> , 87, 7405-7413	4.2	0
436	Tunneling in the Hydrogen-Transfer Reaction from a Vitamin E Analog to an Inclusion Complex of 2,2-Diphenyl-1-picrylhydrazyl Radical with $\beta$ -Cyclodextrin in an Aqueous Buffer Solution at Ambient Temperature.. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	1
435	Antibody mimetic drug conjugate manufactured by high-yield Escherichia coli expression and non-covalent binding system.. <i>Protein Expression and Purification</i> , <b>2021</b> , 192, 106043	2	0
434	A cyanine dye based supramolecular photosensitizer enabling visible-light-driven organic reaction in water. <i>Chemical Communications</i> , <b>2021</b> , 57, 11217-11220	5.8	1
433	UV-induced oxygenation of toluene enhanced by Co (acac) <sub>2</sub> /9-mesityl-10-methylacridinium ion/N-hydroxyphthalimide tandem. <i>Asia-Pacific Journal of Chemical Engineering</i> , <b>2021</b> , 16, e2714	1.3	4
432	Effects of reaction environments on radical-scavenging mechanisms of ascorbic acid. <i>Journal of Clinical Biochemistry and Nutrition</i> , <b>2021</b> , 68, 116-122	3.1	3
431	Anionic Fluorinated Zn-porphyrin Combined with Cationic Endohedral Li-fullerene for Long-Lived Photoinduced Charge Separation with Low Energy Loss. <i>Journal of Physical Chemistry B</i> , <b>2021</b> , 125, 918-925	3.4	0
430	ReviewTwo Different Multiple Photosynthetic Reaction Centers Using Either Zinc Porphyrinic Oligopeptide-Fulleropyrrolidine or Free-Base Porphyrinic Polypeptide-Li+@C60 Supramolecular Complexes. <i>ECS Journal of Solid State Science and Technology</i> , <b>2020</b> , 9, 061026	2	2
429	Phenylene-bridged bis(benzimidazolium) (BBIm): a dicationic organic photoredox catalyst. <i>Chemical Science</i> , <b>2020</b> , 11, 12109-12117	9.4	2
428	Relationship between the radical-scavenging activity of selected flavonols and thermodynamic parameters calculated by density functional theory. <i>Free Radical Research</i> , <b>2020</b> , 54, 535-539	4	3
427	A large kinetic isotope effect in the reaction of ascorbic acid with 2-phenyl-4,4,5,5-tetramethylimidazoline-1-oxyl 3-oxide (PTIO) in aqueous buffer solutions. <i>Chemical Communications</i> , <b>2020</b> , 56, 11505-11507	5.8	9
426	Low switching voltage, high-stability organic phototransistor memory based on a photoactive dielectric and an electron trapping layer. <i>Organic Electronics</i> , <b>2020</b> , 77, 105505	3.5	7
425	Catalytic asymmetric allylation of aldehydes with alkenes through allylic C(sp <sup>3</sup> )-H functionalization mediated by organophotoredox and chiral chromium hybrid catalysis. <i>Chemical Science</i> , <b>2019</b> , 10, 3459-3465	9.4	85
424	A Diprotonated Porphyrin as an Electron Mediator in Photoinduced Electron Transfer in Hydrogen-Bonded Supramolecular Assemblies. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 11529-11538	3.8	4
423	Direct Measurement of Intramolecular Electron Transfer in a Series of Artificial Photosynthesis Processes. <i>EPJ Web of Conferences</i> , <b>2019</b> , 205, 09037	0.3	
422	Photochemical C-H oxygenation of side-chain methyl groups in polypropylene with chlorine dioxide. <i>Chemical Communications</i> , <b>2019</b> , 55, 4723-4726	5.8	11
421	Kinetics and Mechanism of Intramolecular Electron Transfer in Ru(II)-Re(I) Supramolecular CO-Reduction Photocatalysts: Effects of Bridging Ligands. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 11480-11492	5.1	26

420	Paddlewheel Complexes with Azulenes: Electronic Interaction between Metal Centers and Equatorial Ligands. <i>ChemPlusChem</i> , <b>2019</b> , 84, 655-664	2.8	3
419	A Pyropheophorbide Analogue Containing a Fused Methoxy Cyclohexenone Ring System Shows Promising Cancer-Imaging Ability. <i>ChemMedChem</i> , <b>2019</b> , 14, 1503-1513	3.7	4
418	Synthesis and radical-scavenging activity of C-methylated fisetin analogues. <i>Bioorganic and Medicinal Chemistry</i> , <b>2019</b> , 27, 1720-1727	3.4	5
417	Unified Mechanism of Oxygen Atom Transfer and Hydrogen Atom Transfer Reactions with a Triflic Acid-Bound Nonheme Manganese(IV)-Oxo Complex via Outer-Sphere Electron Transfer. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 2614-2622	16.4	21
416	Innenmarkt: Light-Driven C-H Oxygenation of Methane into Methanol and Formic Acid by Molecular Oxygen Using a Perfluorinated Solvent (Angew. Chem. 8/2018). <i>Angewandte Chemie</i> , <b>2018</b> , 130, 2281-2281	3.6	
415	Light-Driven C-H Oxygenation of Methane into Methanol and Formic Acid by Molecular Oxygen Using a Perfluorinated Solvent. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 2148-2151	3.6	6
414	Assemblies of Boron Dipyrromethene/Porphyrin, Phthalocyanine, and C Moieties as Artificial Models of Photosynthesis: Synthesis, Supramolecular Interactions, and Photophysical Studies. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 3862-3872	4.8	13
413	A supramolecular photocatalyst composed of a polyoxometalate and a photosensitizing water-soluble porphyrin diacid for the oxidation of organic substrates in water. <i>Green Chemistry</i> , <b>2018</b> , 20, 1975-1980	10	22
412	Long-Lived Photoexcited State of a Mn(IV)-Oxo Complex Binding Scandium Ions That is Capable of Hydroxylating Benzene. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 8405-8409	16.4	24
411	Light-Driven C-H Oxygenation of Methane into Methanol and Formic Acid by Molecular Oxygen Using a Perfluorinated Solvent. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 2126-2129	16.4	33
410	A Triphenylamine-Naphthalenediimide-Bullerene Triad: Synthesis, Photoinduced Charge Separation and Solution-Processable Bulk Heterojunction Solar Cells. <i>Asian Journal of Organic Chemistry</i> , <b>2018</b> , 7, 220-226	3	11
409	Inter- and Intramolecular Electron-Transfer Reduction Properties of Coronenediimide Derivatives via Photoinduced Processes. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 13333-13346	3.8	6
408	Mechanistic Insights into Homogeneous Electrocatalytic and Photocatalytic Hydrogen Evolution Catalyzed by High-Spin Ni(II) Complexes with SN-Type Tetradentate Ligands. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 7180-7190	5.1	29
407	Impact of peripheral substituents in regioselective synthesis of position-10 or position-20 bromo-bacteriochlorins. <i>Tetrahedron Letters</i> , <b>2017</b> , 58, 851-854	2	1
406	Selective CO Production in Photoelectrochemical Reduction of CO <sub>2</sub> with a Cobalt Chlorin Complex Adsorbed on Multiwalled Carbon Nanotubes in Water. <i>ACS Energy Letters</i> , <b>2017</b> , 2, 532-536	20.1	34
405	Exfoliation and supramolecular functionalization of graphene with an electron donor perylenediimide derivative. <i>Photochemical and Photobiological Sciences</i> , <b>2017</b> , 16, 596-605	4.2	4
404	Dual function photocatalysis of cyano-bridged heteronuclear metal complexes for water oxidation and two-electron reduction of dioxygen to produce hydrogen peroxide as a solar fuel. <i>Chemical Communications</i> , <b>2017</b> , 53, 3473-3476	5.8	28
403	Thermodynamics and Photodynamics of a Monoprotonated Porphyrin Directly Stabilized by Hydrogen Bonding with Polar Protic Solvents. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 4669-4679	4.8	11

402	Multi-level non-volatile organic transistor-based memory using lithium-ion-encapsulated fullerene as a charge trapping layer. <i>Organic Electronics</i> , <b>2017</b> , 45, 234-239	3.5	25
401	Synthesis of methylated quercetin analogues for enhancement of radical-scavenging activity. <i>RSC Advances</i> , <b>2017</b> , 7, 17968-17979	3.7	11
400	Ionic manipulation of charge-transfer and photodynamics of [60]fullerene confined in pyrrolo-tetrathiafulvalene cage. <i>Chemical Communications</i> , <b>2017</b> , 53, 9898-9901	5.8	5
399	Photoinduced Electron Transfer in 9-Substituted 10-Methylacridinium Ions. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 1306-1317	4.8	33
398	Hyperinsulinemic hypoglycemia in Beckwith-Wiedemann, Sotos, and Kabuki syndromes: A nationwide survey in Japan. <i>American Journal of Medical Genetics, Part A</i> , <b>2017</b> , 173, 360-367	2.5	18
397	Dihydroxylation of styrene by sodium chlorite with scandium triflate. <i>Journal of Physical Organic Chemistry</i> , <b>2017</b> , 30, e3619	2.1	7
396	Aluminium ion-promoted radical-scavenging reaction of methylated hydroquinone derivatives. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 7956-61	3.9	5
395	Catalytic reduction of proton, oxygen and carbon dioxide with cobalt macrocyclic complexes. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2016</b> , 20, 935-949	1.8	14
394	Solvent-Free Photooxidation of Alkanes by Dioxygen with 2,3-Dichloro-5,6-dicyano-p-benzoquinone via Photoinduced Electron Transfer. <i>Chemistry - an Asian Journal</i> , <b>2016</b> , 11, 2255-9	4.5	14
393	Synthetically tuneable biomimetic artificial photosynthetic reaction centres that closely resemble the natural system in purple bacteria. <i>Chemical Science</i> , <b>2016</b> , 7, 6534-6550	9.4	16
392	Reactivity of 2,2-Diphenyl-1-picrylhydrazyl Solubilized in Water by $\beta$ -Cyclodextrin and Its Methylated Derivative. <i>ChemistrySelect</i> , <b>2016</b> , 1, 3367-3370	1.8	6
391	Electrochemical reduction of cationic Li@C to neutral Li@C: isolation and characterisation of endohedral [60]fulleride. <i>Chemical Science</i> , <b>2016</b> , 7, 5770-5774	9.4	36
390	A profluorescent nitroxide probe for ascorbic acid detection and its application to quantitative analysis of diabetic rat plasma. <i>RSC Advances</i> , <b>2016</b> , 6, 60907-60915	3.7	9
389	Photooxygenation of alkanes by dioxygen with p-benzoquinone derivatives with high quantum yields. <i>Photochemical and Photobiological Sciences</i> , <b>2016</b> , 15, 731-4	4.2	9
388	An amphoteric reactivity of a mixed-valent bis( $\beta$ -xo)dimanganese(III,IV) complex acting as an electrophile and a nucleophile. <i>Dalton Transactions</i> , <b>2016</b> , 45, 376-83	4.3	19
387	Photocatalytic reduction of CO <sub>2</sub> and H <sub>2</sub> O to CO and H <sub>2</sub> with a cobalt chlorin complex adsorbed on multi-walled carbon nanotubes. <i>Catalysis Science and Technology</i> , <b>2016</b> , 6, 4077-4080	5.5	25
386	Photocatalyses of Ru(II)Re(I) binuclear complexes connected through two ethylene chains for CO <sub>2</sub> reduction. <i>Journal of Catalysis</i> , <b>2016</b> , 343, 278-289	7.3	30
385	Photocatalytic Oxygenation of Substrates by Dioxygen with Protonated Manganese(III) Corrolazine. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 3218-28	5.1	18

384	Effect of Metalation on Porphyrin-Based Bifunctional Agents in Tumor Imaging and Photodynamic Therapy. <i>Bioconjugate Chemistry</i> , <b>2016</b> , 27, 667-80	6.3	27
383	Enhanced Electron Transfer Reactivity of a Nonheme Iron(IV)-Imido Complex as Compared to the Iron(IV)-Oxo Analogue. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 3709-13	16.4	22
382	Aromatic Monochlorination Photosensitized by DDQ with Hydrogen Chloride under Visible-Light Irradiation. <i>Chemistry - an Asian Journal</i> , <b>2016</b> , 11, 996-9	4.5	15
381	Photoinduced Processes of Supramolecular Nanoarrays Composed of Porphyrin and Benzo[ghi]perylene triimide Units through Triple Hydrogen Bonds with One-Dimensional Columnar Phases. <i>Chemistry - an Asian Journal</i> , <b>2016</b> , 11, 613-24	4.5	9
380	Controllable Threshold Voltage in Organic Complementary Logic Circuits with an Electron-Trapping Polymer and Photoactive Gate Dielectric Layer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 18249-53	5.5	9
379	Cyclic Tetramers of Zinc Chlorophylls as a Coupled Light-Harvesting Antenna-Charge-Separation System. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 1165-76	4.8	12
378	Chloranil <b>2016</b> , 1-6		
377	Photocatalytic oxidation of iron(ii) complexes by dioxygen using 9-mesityl-10-methylacridinium ions. <i>Chemical Communications</i> , <b>2016</b> , 52, 6178-80	5.8	4
376	Synthetic control over intra- and intermolecular charge transfer can turn on the fluorescence emission of non-emissive coumarin. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 4556-4567	7.1	29
375	Enhanced Electron Transfer Reactivity of a Nonheme Iron(IV)Imido Complex as Compared to the Iron(IV)-Oxo Analogue. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 3773-3777	3.6	6
374	Two-phase oxidation of toluene derivatives by dioxygen using the 3-cyano-1-decylquinolinium ion as a photocatalyst. <i>RSC Advances</i> , <b>2016</b> , 6, 41011-41014	3.7	9
373	Photoinduced electron transfer in porous organic salt crystals impregnated with fullerenes. <i>Chemical Communications</i> , <b>2016</b> , 52, 7928-31	5.8	3
372	Axially Substituted Silicon Phthalocyanine as Electron Donor in a Dyad and Triad with Azafullerene as Electron Acceptor for Photoinduced Charge Separation. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 15137-15143	4.8	15
371	Photocatalytic Reduction of Low Concentration of CO. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 13818-13821	16.4	107
370	Catalytic Hydroxylation of Benzene to Phenol by Dioxygen with an NADH Analogue. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 12904-9	4.8	16
369	Near-infrared-induced electron transfer of an uranyl macrocyclic complex without energy transfer to dioxygen. <i>Chemical Communications</i> , <b>2015</b> , 51, 6757-60	5.8	15
368	Formation of Ground State Triplet Diradicals from Annulated Rosarin Derivatives by Triprotonation. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 9780-3	16.4	21
367	Catalytic two-electron reduction of dioxygen catalysed by metal-free [14]triphyrin(2.1.1). <i>Chemical Science</i> , <b>2015</b> , 6, 6496-6504	9.4	24

366	Solubilisation of a 2,2-diphenyl-1-picrylhydrazyl radical in water by Cyclodextrin to evaluate the radical-scavenging activity of antioxidants in aqueous media. <i>Chemical Communications</i> , <b>2015</b> , 51, 8311-4	5.8	15
365	Metal-free hydrogen evolution with nanoparticles derived from pyrene via two-photon ionization induced by laser irradiation. <i>Chemical Communications</i> , <b>2015</b> , 51, 11515-8	5.8	5
364	On-off switch of charge-separated states of pyridine-vinylene-linked porphyrin-C conjugates detected by EPR. <i>Chemical Science</i> , <b>2015</b> , 6, 5994-6007	9.4	21
363	Ru(II)-Re(I) binuclear photocatalysts connected by -CHXCH- (X = O, S, CH) for CO reduction. <i>Chemical Science</i> , <b>2015</b> , 6, 3003-3012	9.4	59
362	Photocatalytic H <sub>2</sub> evolution from NADH with carbon quantum dots/Pt and 2-phenyl-4-(1-naphthyl)quinolinium ion. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2015</b> , 152, 63-70	6.7	26
361	Catalytic two-electron reduction of dioxygen by ferrocene derivatives with manganese(V) corroles. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 4285-91	5.1	28
360	Selective electrochemical reduction of CO <sub>2</sub> to CO with a cobalt chlorin complex adsorbed on multi-walled carbon nanotubes in water. <i>Chemical Communications</i> , <b>2015</b> , 51, 10226-8	5.8	86
359	Photoinduced electron transfer in a supramolecular triad produced by porphyrin anion-induced electron transfer from tetrathiafulvalene calix[4]pyrrole to Li(+)-C <sub>60</sub> . <i>Chemical Communications</i> , <b>2015</b> , 51, 9789-92	5.8	24
358	Size-selective incorporation of donor-acceptor linked dyad cations into zeolite Y and long-lived charge separation. <i>RSC Advances</i> , <b>2015</b> , 5, 45582-45585	3.7	9
357	A simple zinc-porphyrin-NDI dyad system generates a light energy to proton potential across a lipid membrane. <i>Dyes and Pigments</i> , <b>2015</b> , 120, 340-346	4.6	19
356	Light-driven, proton-controlled, catalytic aerobic C-H oxidation mediated by a Mn(III) porphyrinoid complex. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 4614-7	16.4	50
355	Effect of alkyl group on transnitrosation of N-nitrosothiazolidine thiocarboxamides. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 6733-9	3.4	1
354	Long-Lived Photoinduced Charge Separation in Inclusion Complexes Composed of a Phenothiazine-Bridged Cyclic Porphyrin Dimer and Fullerenes. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 25634-25650	3.8	21
353	Activationless electron self-exchange of high-valent oxo and imido complexes of chromium corroles. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 9223-8	5.1	9
352	Efficient singlet oxygen generation from sugar pendant C <sub>60</sub> derivatives for photodynamic therapy. <i>Chemical Communications</i> , <b>2015</b> , 51, 16605-8	5.8	16
351	Multiple photosynthetic reaction centres of porphyrinic polypeptide-Li(+)-C <sub>60</sub> supramolecular complexes. <i>Chemical Communications</i> , <b>2015</b> , 51, 17517-20	5.8	7
350	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. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 2855-61	4.8	51
349	Laser-induced pinpoint hydrogen evolution from benzene and water using metal free single-walled carbon nanotubes with high quantum yields. <i>Chemical Science</i> , <b>2015</b> , 6, 666-674	9.4	7



348	Efficient charge separation in Li(+) @C60 supramolecular complexes with electron donors. <i>Chemistry - an Asian Journal</i> , <b>2015</b> , 10, 44-54	4.5	36
347	Corononetetraimide-centered cruciform pentamers containing multiporphyrin units: synthesis and sequential photoinduced energy- and electron-transfer dynamics. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 11196-205	4.8	12
346	One-Step Selective Hydroxylation of Benzene to Phenol. <i>Asian Journal of Organic Chemistry</i> , <b>2015</b> , 4, 836-845	3	51
345	Modulation of Energy Conversion Processes in Carbonaceous Molecular Bearings. <i>Chemistry - an Asian Journal</i> , <b>2015</b> , 10, 2404-10	4.5	14
344	Lewis Acid Coupled Electron Transfer of Metal-Oxygen Intermediates. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 17548-59	4.8	98
343	Energy migration within hexameric hemoprotein reconstituted with Zn porphyrinoid molecules. <i>Chemical Communications</i> , <b>2015</b> , 51, 11138-40	5.8	24
342	Enzyme repurposing of a hydrolase as an emergent peroxidase upon metal binding. <i>Chemical Science</i> , <b>2015</b> , 6, 4060-4065	9.4	20
341	Efficient Epoxidation of Styrene Derivatives by a Nonheme Iron(IV)-Oxo Complex via Proton-Coupled Electron Transfer with Triflic Acid. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 5806-12	5.1	46
340	Tetraphenylethene-based star shaped porphyrins: synthesis, self-assembly, and optical and photophysical study. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 3832-40	4.2	43
339	Broadband Light Harvesting and Fast Charge Separation in Ordered Self-Assemblies of Electron Donor/Acceptor-Functionalized Graphene Oxide Layers for Effective Solar Energy Conversion. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 13488-13495	3.8	14
338	Redox behavior of novel nickel and palladium complexes supported by trianionic non-innocent ligand containing $\beta$ -diketiminato and phenol groups. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2015</b> , 19, 377-387	1.8	4
337	Does a nitrogen matter? Synthesis and photoinduced electron transfer of perylene diimide donors covalently linked to C59N and C60 acceptors. <i>Nanoscale</i> , <b>2015</b> , 7, 7437-44	7.7	29
336	Graphene oxide-Li(+)-@C60 donor-acceptor composites for photoenergy conversion. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 15732-8	3.6	9
335	Singlet oxygen generation from Li+@C60-thano-aggregates dispersed by laser irradiation in aqueous solution. <i>Chemical Communications</i> , <b>2015</b> , 51, 8082-5	5.8	13
334	Laser-Induced Dynamics of Peroxidocopper(II) Complexes Vary with the Ligand Architecture. One-Photon Two-Electron O <sub>2</sub> Ejection and Formation of Mixed-Valent Cu(I)Cu(II)-Superoxide Intermediates. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 15865-74	16.4	18
333	Mechanism of a one-photon two-electron process in photocatalytic hydrogen evolution from ascorbic acid with a cobalt chlorin complex. <i>Chemical Communications</i> , <b>2015</b> , 51, 15145-8	5.8	21
332	Mechanisms and applications of cyclometalated Pt(II) complexes in photoredox catalytic trifluoromethylation. <i>Chemical Science</i> , <b>2015</b> , 6, 1454-1464	9.4	94
331	Lewis acid-induced change from four- to two-electron reduction of dioxygen catalyzed by copper complexes using scandium triflate. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 3330-7	16.4	42

330	Near-Infrared Photoelectrochemical Conversion via Photoinduced Charge Separation in Supramolecular Complexes of Anionic Phthalocyanines with Li(+) <i>@</i> C60. <i>Journal of Physical Chemistry B</i> , <b>2015</b> , 119, 7690-7	3.4	17
329	Synthesis and photodynamics of diphenylethynyl-bridged porphyrin-quinoidal porphyrin hybrids. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2015</b> , 19, 219-232	1.8	2
328	Ultrafast photoinduced electron transfer in face-to-face charge-transfer $\pi$ -complexes of planar porphyrins and hexaazatriphenylene derivatives. <i>Chemical Science</i> , <b>2015</b> , 6, 1498-1509	9.4	30
327	Much enhanced catalytic reactivity of cobalt chlorin derivatives on two-electron reduction of dioxygen to produce hydrogen peroxide. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 1808-15	5.1	36
326	Photoinduced electron transfer in a carbon nanohorn-C60 conjugate. <i>Chemical Science</i> , <b>2014</b> , 5, 2072	9.4	21
325	Long-lived charge separation and applications in artificial photosynthesis. <i>Accounts of Chemical Research</i> , <b>2014</b> , 47, 1455-64	24.3	296
324	Disproportionation of a 2,2-diphenyl-1-picrylhydrazyl radical as a model of reactive oxygen species catalysed by Lewis and/or Brønsted acids. <i>Chemical Communications</i> , <b>2014</b> , 50, 814-6	5.8	8
323	Bisdonor $\pi$ -zaBODIPY $\pi$ -fullerene Supramolecules: Syntheses, Characterization, and Light-Induced Electron-Transfer Studies. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 2321-2332	3.8	42
322	Electronic infrared light absorption of a tri-palladium complex containing two $\pi$ -expanded tetracene ligands. <i>Chemical Science</i> , <b>2014</b> , 5, 4888-4894	9.4	8
321	Photochemical behavior of single-walled carbon nanotubes in the presence of propylamine. <i>ChemPhysChem</i> , <b>2014</b> , 15, 1821-6	3.2	7
320	Supramolecular formation of Li(+) <i>@</i> PCBM fullerene with sulfonated porphyrins and long-lived charge separation. <i>ChemPhysChem</i> , <b>2014</b> , 15, 3782-90	3.2	12
319	Submillisecond-lived photoinduced charge separation in a fully conjugated phthalocyanine $\pi$ -erylenebenzimidazole dyad. <i>Chemical Science</i> , <b>2014</b> , 5, 4785-4793	9.4	46
318	Long-lived charge separation in a rigid pentiptycene bis(crown ether)-Li(+) <i>@</i> C60 host-guest complex. <i>Chemical Communications</i> , <b>2014</b> , 50, 15796-8	5.8	14
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76	Electrochemistry of [(TMpyP)M(II)] <sup>4+</sup> (X <sup>-</sup> ) <sub>4</sub> (X <sup>-</sup> = Cl <sup>-</sup> or BPh <sub>4</sub> <sup>-</sup> ) and [(TMpyP)M(III)Cl] <sup>4+</sup> (Cl <sup>-</sup> ) <sub>4</sub> in N,N-dimethylformamide where M is one of 15 different metal ions. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 3789-98 <sup>51</sup>	5.1	22
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74	Electron-transfer oxidation of coenzyme B12 model compounds and facile cleavage of the cobalt(IV)-carbon bond via charge-transfer complexes with bases. A negative temperature dependence of the rates. <i>Journal of Physical Chemistry A</i> , <b>2005</b> , 109, 1105-13	2.8	22
73	Hydroxyl radical generation via photoreduction of a simple pyridine N-oxide by an NADH analogue. <i>Organic and Biomolecular Chemistry</i> , <b>2005</b> , 3, 3263-5	3.9	8
72	Electron-transfer mechanism in radical-scavenging reactions by a vitamin E model in a protic medium. <i>Organic and Biomolecular Chemistry</i> , <b>2005</b> , 3, 626-9	3.9	92
71	Efficient photocatalytic oxygenation of aromatic alkene to 1,2-dioxetane with oxygen via electron transfer. <i>Organic Letters</i> , <b>2005</b> , 7, 4265-8	6.2	60
70	Electron-transfer oxidation properties of DNA bases and DNA oligomers. <i>Journal of Physical Chemistry A</i> , <b>2005</b> , 109, 3285-94	2.8	82
69	Effects of DNA on driving force dependence of photoinduced electron transfer from the excited state of tris(2,2-bipyridine)ruthenium(II) to intercalators in DNA. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2005</b> , 175, 79-88	4.7	9
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67	Spectroelectrochemical and ESR studies of highly substituted copper corroles. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2004</b> , 08, 1236-1247	1.8	54
66	Rational principles for modulating fluorescence properties of fluorescein. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 14079-85	16.4	270
65	Production of an ultra-long-lived charge-separated state in a zinc chlorin-C60 dyad by one-step photoinduced electron transfer. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 853-6	16.4	180
64	Production of an Ultra-Long-Lived Charge-Separated State in a Zinc Chlorin-C60 Dyad by One-Step Photoinduced Electron Transfer. <i>Angewandte Chemie</i> , <b>2004</b> , 116, 871-874	3.6	49
63	Quantitative evaluation of d-pi interaction in copper(I) complexes and control of copper(I)-dioxygen reactivity. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 237-46	4.8	51
62	Substituent effects on the site of electron transfer during the first reduction for gold(III) porphyrins. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 2078-86	5.1	50
61	A planar catechin analogue having a more negative oxidation potential than (+)-catechin as an electron transfer antioxidant against a peroxy radical. <i>Chemical Research in Toxicology</i> , <b>2004</b> , 17, 26-31	4	28

60	Drastic Changes in the Lifetime and Electron Transfer and Energy Transfer Reactivity of the Triplet Excited State of p-Benzoquinone by Complex Formation with Scandium Ion Salts. <i>Journal of Physical Chemistry A</i> , <b>2004</b> , 108, 8333-8340	2.8	7
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44	A ruthenium pterin complex showing proton-coupled electron transfer: synthesis and characterization. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 4951-4	16.4	26
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2	9-Mesityl-10-methylacridinium Perchlorate <sup>1-5</sup>		
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