

Takuji Ogawa

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.

173
papers

4,029
citations

32
h-index

57
g-index

194
ext. papers

4,455
ext. citations

4.3
avg, IF

5.1
L-index

#	Paper	IF	Citations
173	Supramolecular Structures of Organic Molecules-Single Walled Carbon Nanotube Nanocomposites. <i>Engineering Materials</i> , 2022 , 921-940	0.4	0
172	Emergence of In-Materio Intelligence from an Incidental Structure of a Single-Walled Carbon NanotubePorphyrin Polyoxometalate Random Network. <i>Advanced Intelligent Systems</i> , 2022 , 4, 2270014	6	0
171	Modulating Room-Temperature Phosphorescence-To-Phosphorescence Mechanochromism by Halogen Exchange.. <i>Frontiers in Chemistry</i> , 2021 , 9, 812593	5	0
170	Outstanding Enhancement in the Axial Coordination Ability of the Highly Rigid Cofacial Cyclic Metalloporphyrin Dimer. <i>Asian Journal of Organic Chemistry</i> , 2021 , 10, 1192-1197	3	1
169	Room-temperature phosphorescence of a supercooled liquid: kinetic stabilisation by desymmetrisation. <i>Chemical Science</i> , 2021 , 12, 14363-14368	9.4	2
168	Structure-property relationship in contrasting aggregation-induced enhancement/quenching of emission in rigid aromatic molecules. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 4281-4288	7.1	2
167	Mechanoresponsive turn-on phosphorescence by a desymmetrization approach. <i>Chemical Communications</i> , 2020 , 56, 6810-6813	5.8	9
166	Hybridized Kondo State Formed by Radical Assemblies. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 12024-12029	5.8	2029
165	Single-Molecular Bridging in Static Metal Nanogap Electrodes Using Migrations of Metal Atoms. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 14007-14015	3.8	5
164	Efficient Synthesis of Arylenedioxy-Bridged Porphyrin Dimers through Catalyst-Free Nucleophilic Aromatic Substitution. <i>ChemPlusChem</i> , 2020 , 85, 217-226	2.8	2
163	Single-walled carbon nanotube absolute-handedness chirality assignment confirmation using metalized porphyrin's supramolecular structures via STM imaging technique. <i>Chirality</i> , 2020 , 32, 345-352	2.1	6
162	Facile Redox-Induced Aromatic-Antiaromatic Interconversion of a Tetracyano-21,23-Dithiaporphyrin under Ambient Conditions. <i>Chemistry - A European Journal</i> , 2020 , 26, 3633-3640	4.8	2
161	Structure determination and negative differential resistance of tetraarylporphyrin/polyoxometalate 2 : 1 complexes. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 14423-14430	7.1	2
160	Room-temperature phosphorescence-to-phosphorescence mechanochromism of a metal-free organic 1,2-diketone. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 11926-11931	7.1	21
159	Supramolecular structures of terbium(iii) porphyrin double-decker complexes on a single-walled carbon nanotube surface.. <i>RSC Advances</i> , 2019 , 9, 28135-28145	3.7	6
158	Facile preparation of hybrid thin films composed of spin-crossover nanoparticles and carbon nanotubes for electrical memory devices. <i>Dalton Transactions</i> , 2019 , 48, 7074-7079	4.3	12
157	Assignment of the Absolute-Handedness Chirality of Single-Walled Carbon Nanotubes by Using Organic Molecule Supramolecular Structures. <i>Chemistry - A European Journal</i> , 2019 , 25, 1839-1839	4.8	0

156	Three site molecular orbital controlled single-molecule rectifiers based on perpendicularly linked porphyrin-imide dyads. <i>Nanoscale</i> , 2019 , 11, 22724-22729	7.7	3
155	Assignment of the Absolute-Handedness Chirality of Single-Walled Carbon Nanotubes Using Organic Molecule Supramolecular Structures. <i>Chemistry - A European Journal</i> , 2019 , 25, 1941-1948	4.8	8
154	Stable Singlet Biradicals of Rare-Earth-Fused Diporphyrin-Triple-Decker Complexes with Low Energy Gaps and Multi-Redox States. <i>Chemistry - A European Journal</i> , 2019 , 25, 3240-3243	4.8	4
153	Redox-Driven Symmetry Change for Terbium(III) Bis(porphyrinato) Double-Decker Complexes by the Azimuthal Rotation of the Porphyrin Macrocycles. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 1692-1698	4.5	5
152	Effects of radical initiators, polymerization inhibitors, and other agents on the sonochemical unzipping of double-walled carbon nanotubes. <i>Japanese Journal of Applied Physics</i> , 2018 , 57, 03ED01	1.4	2
151	A molecular neuromorphic network device consisting of single-walled carbon nanotubes complexed with polyoxometalate. <i>Nature Communications</i> , 2018 , 9, 2693	17.4	56
150	Metal ion effect on the supramolecular structures of metalloporphyrins on single-walled carbon nanotube surface. <i>Applied Surface Science</i> , 2018 , 462, 904-912	6.7	11
149	Identification of Tobacco Types and Cigarette Brands Using an Electronic Nose Based on Conductive Polymer/Porphyrin Composite Sensors. <i>ACS Omega</i> , 2018 , 3, 6476-6482	3.9	20
148	Palladium-Catalyzed Double Carbonylative Cyclization of Benzoin: Synthesis and Photoluminescence of Bis-Ester-Bridged Stilbenes. <i>Organic Letters</i> , 2018 , 20, 7442-7446	6.2	7
147	Coordination structure conversion of protonated bisporphyrinato terbium(iii) double-decker complexes and creation of a Kondo assembly by electron injection on the Au(111) surface. <i>Nanoscale</i> , 2018 , 10, 19409-19417	7.7	1
146	Versatile and Catalyst-Free Methods for the Introduction of Group-16 Elements at the meso-Positions of Diarylporphyrins. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 2468-2478	3	5
145	Non-symmetric single-molecule electric properties towards stochastic molecular computation. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , 2017 , 32, 271-277	1	
144	Dualism of Sensitivity and Selectivity of Porphyrin Dimers in Electroanalysis. <i>Analytical Chemistry</i> , 2017 , 89, 3943-3951	7.8	15
143	Oxygen Reduction Reaction (ORR) Activity of a Phenol-Substituted Linear FeIII Porphyrin Dimer. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 3229-3232	2.3	6
142	Room-temperature discrete-charge-fluctuation dynamics of a single molecule adsorbed on a carbon nanotube. <i>Nanoscale</i> , 2017 , 9, 10674-10683	7.7	18
141	Tuning the electrical property of a single layer graphene nanoribbon by adsorption of planar molecular nanoparticles. <i>Nanotechnology</i> , 2017 , 28, 175704	3.4	6
140	Nonlinear and Nonsymmetric Single-Molecule Electronic Properties Towards Molecular Information Processing. <i>Topics in Current Chemistry</i> , 2017 , 375, 79	7.2	2
139	Oxygen Reduction Reaction (ORR) Activity of a Phenol-Substituted Linear FeIII Porphyrin Dimer. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 3228-3228	2.3	

138	Design and Syntheses of Molecules for Nonlinear and Nonsymmetric Single-Molecule Electric Properties. <i>Advances in Atom and Single Molecule Machines</i> , 2017 , 419-437	0	
137	Molecular Design for Single-molecule Magnetism of Lanthanide Complexes. <i>Chemistry Letters</i> , 2017 , 46, 10-18	1.7	22
136	Diameter dependence of longitudinal unzipping of single-walled carbon nanotube to obtain graphene nanoribbon. <i>Japanese Journal of Applied Physics</i> , 2017 , 56, 06GG12	1.4	6
135	Analysis of Single Molecule Conductance of Heterogeneous Porphyrin Arrays by Partial Transmission Probabilities. <i>ChemistrySelect</i> , 2017 , 2, 7484-7488	1.8	2
134	Systematic Structural Elucidation for the Protonated Form of Rare Earth Bis(porphyrinato) Double-Decker Complexes: Direct Structural Evidence of the Location of the Attached Proton. <i>Inorganic Chemistry</i> , 2016 , 55, 8935-42	5.1	9
133	Coadsorption of Tb(III)Porphyrin Double-decker Single-molecule Magnets in a Porous Molecular Network: Toward Controlled Alignment of Single-molecule Magnets on a Carbon Surface. <i>Chemistry Letters</i> , 2016 , 45, 286-288	1.7	3
132	Real-space characterization of hydroxyphenyl porphyrin derivatives designed for single-molecule devices. <i>RSC Advances</i> , 2015 , 5, 79152-79156	3.7	4
131	Method for Controlling Electrical Properties of Single-Layer Graphene Nanoribbons via Adsorbed Planar Molecular Nanoparticles. <i>Scientific Reports</i> , 2015 , 5, 12341	4.9	19
130	Effect of Protonation on the Single-molecule-magnet Behavior of a Mixed (Phthalocyaninato)(porphyrinato)terbium Double-decker Complex. <i>Chemistry Letters</i> , 2015 , 44, 668-670	1.7	10
129	New composite porphyrin-conductive polymer gas sensors for application in electronic noses. <i>Sensors and Actuators B: Chemical</i> , 2014 , 193, 136-141	8.5	37
128	Design and synthesis of perpendicularly connected metal porphyrin-imide dyads for two-terminal wired single molecular diodes. <i>Chemistry - A European Journal</i> , 2014 , 20, 7655-64	4.8	14
127	Synthesis of a series of Zinc(II)/freebase porphyrin dimers and trimers with programmable sequences from a common key molecule. <i>Journal of Organic Chemistry</i> , 2014 , 79, 11029-38	4.2	10
126	Thin films of spin-crossover coordination polymers with large thermal hysteresis loops prepared by nanoparticle spin coating. <i>Chemical Communications</i> , 2014 , 50, 10074-7	5.8	21
125	Switching of Single-Molecule Magnetic Properties of Tb(III)Porphyrin Double-Decker Complexes and Observation of Their Supramolecular Structures on a Carbon Surface. <i>Chemistry - A European Journal</i> , 2014 , 20, 11237-11237	4.8	2
124	Switching of single-molecule magnetic properties of Tb(III) -porphyrin double-decker complexes and observation of their supramolecular structures on a carbon surface. <i>Chemistry - A European Journal</i> , 2014 , 20, 11362-9	4.8	21
123	Sequential Phase Transition during Fabricating Ag ₂ S Film on Ag Electrode by Wet Chemical Process. <i>E-Journal of Surface Science and Nanotechnology</i> , 2014 , 12, 185-188	0.7	9
122	Surface Self-Assembly of Trans-Substituted Porphyrin Double-Decker Complexes Exhibiting Slow Magnetic Relaxation. <i>E-Journal of Surface Science and Nanotechnology</i> , 2014 , 12, 124-128	0.7	4
121	Temperature-Dependent Current-Voltage and Photoresponsive Properties for Semiconducting Nanodevices Fabricated from an Oligothiazole Dithiol and Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 25325-25333	3.8	9

120	Advanced photoassisted atomic switches produced using ITO nanowire electrodes and molten photoconductive organic semiconductors. <i>Advanced Materials</i> , 2013 , 25, 5893-7	24	9
119	Rectification direction inversion in a phosphododecamolybdic acid/single-walled carbon nanotube junction. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 1137-1143	7.1	14
118	Influence of Atmosphere on Photo-Assisted Atomic Switch Operations. <i>Key Engineering Materials</i> , 2013 , 596, 116-120	0.4	1
117	Volatile and nonvolatile selective switching of a photo-assisted initialized atomic switch. <i>Nanotechnology</i> , 2013 , 24, 384006	3.4	20
116	Computational Investigation of a Photo-Switchable Single-Molecule Magnet Based on a Porphyrin Terbium Double-Decker Complex. <i>Heterocycles</i> , 2012 , 86, 1549	0.8	3
115	Novel charge transport in DNA-templated nanowires. <i>Journal of Materials Chemistry</i> , 2012 , 22, 13691		27
114	Temperature-dependent I-V characteristics for the nanocomposite semiconducting films composed of a thiol end-capped dinuclear macrocyclic complex and Au-NPs bridging 1 nm gap gold electrodes. <i>Dalton Transactions</i> , 2012 , 41, 14309-15	4.3	2
113	Influence of nanoparticle size to the electrical properties of naphthalenediimide on single-walled carbon nanotube wiring. <i>Nanotechnology</i> , 2012 , 23, 215701	3.4	4
112	Photocurrent and electronic activities of oriented-His-tagged photosynthetic light-harvesting/reaction center core complexes assembled onto a gold electrode. <i>Biomacromolecules</i> , 2012 , 13, 432-8	6.9	63
111	Proton-induced switching of the single molecule magnetic properties of a porphyrin based Tb(III) double-decker complex. <i>Chemical Communications</i> , 2012 , 48, 7796-8	5.8	56
110	Entropy-controlled 2D supramolecular structures of N,N'-bis(n-alkyl)naphthalenediimides on a HOPG surface. <i>ACS Nano</i> , 2012 , 6, 3876-87	16.7	52
109	Fabrication of Nanogap Electrodes by the Molecular Lithography Technique. <i>Japanese Journal of Applied Physics</i> , 2011 , 50, 035204	1.4	4
108	Enhanced Red-Light Emission by Local Plasmon Coupling of Au Nanorods in an Organic Light-Emitting Diode. <i>Applied Physics Express</i> , 2011 , 4, 032105	2.4	25
107	Volatile/Nonvolatile Dual-Functional Atom Transistor. <i>Applied Physics Express</i> , 2011 , 4, 015204	2.4	39
106	Fabrication of Nanogap Electrodes by the Molecular Lithography Technique. <i>Japanese Journal of Applied Physics</i> , 2011 , 50, 035204	1.4	2
105	Future Perspective of Molecular-Scale Electronics. <i>Hyomen Kagaku</i> , 2011 , 32, 615-615		
104	Properties of thiol end-capped and iodine-doped sexithiophene disulfide semiconducting polymers bridging nanogap gold electrodes. <i>Advanced Materials</i> , 2010 , 22, 2753-8	24	24
103	Photoassisted formation of an atomic switch. <i>Small</i> , 2010 , 6, 1745-8	11	30

102	Spectral, Structural, and Computational Studies of a New Family of Ruthenium(II) Complexes Containing Substituted 1,10-Phenanthroline Ligands and in situ Electropolymerization of a Phenanthroline-ruthenium(II) Complex Bridging Nanogap Gold Electrodes. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 1321-1330	2.3	25
101	Spectral and structural studies of a new oxalato-bridged dinuclear copper(II) complex having two 3-(thiophen-2-yl)-1,10-phenanthroline ligands in a trans configuration. <i>Inorganica Chimica Acta</i> , 2009 , 362, 3877-3880	2.7	2
100	A photo-responsive molecular wire composed of a porphyrin polymer and a fullerene derivative. <i>Journal of Materials Chemistry</i> , 2009 , 19, 8307		19
99	Preparation of Long Conjugated Porphyrin Polymers with Gold Nanoparticles at Both Ends as Electronic and/or Photonic Molecular Wires. <i>Chemistry Letters</i> , 2009 , 38, 542-543	1.7	4
98	Syntheses, crystal structures, and spectral properties of a series of 3,8-Bisphenyl-1,10-phenanthroline derivatives: precursors of 3,8-Bis(4-mercaptophenyl)-1,10-phenanthroline and Its ruthenium(II) complex for preparing	5.1	36
97	Effects of Metal Ion Complexation for the Self-Assembled Nanocomposite Films Composed of Gold Nanoparticles and 3,8-Bis(terthiophenyl)phenanthroline-Based Dithiols Bridging 1 nm Gap Gold Electrodes: Morphology, Temperature Dependent Electronic Conduction, and Photoresponse. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 11512-11521	3.8	37
96	A new utilization of organic molecules for nanofabrication using the molecular ruler method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008 , 313-314, 369-372	5.1	4
95	Scanning tunneling microscopy investigation of vanadyl and cobalt(II) octaethylporphyrin self-assembled monolayer arrays on graphite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008 , 313-314, 230-233	5.1	12
94	Halide anion mediated dimerization of a meso-unsubstituted N-confused porphyrin. <i>Chemistry - an Asian Journal</i> , 2008 , 3, 592-599	4.5	19
93	Synthesis of dendron-protected porphyrin wires and preparation of a one-dimensional assembly of gold nanoparticles chemically linked to the pi-conjugated wires. <i>Langmuir</i> , 2007 , 23, 6365-71	4	37
92	Size-dependent single electron tunneling effect in Au nanoparticles. <i>Surface Science</i> , 2007 , 601, 3907-3918	1.8	23
91	Construction of macrocycle-based molecular stairs having pendant 4-aminopyridine, 4-dimethylaminopyridine and isonicotinonitrile groups. <i>Polyhedron</i> , 2007 , 26, 1483-1492	2.7	21
90	Refinement of conditions of point-contact current imaging atomic force microscopy for molecular-scale conduction measurements. <i>Nanotechnology</i> , 2007 , 18, 095501	3.4	14
89	Photo-response behavior of Au nano-particle/porphyrin polymer composite device with nano-gapped electrodes. <i>Journal of Materials Science: Materials in Electronics</i> , 2007 , 18, 939-942	2.1	6
88	I-V characteristics of single electron tunneling from symmetric and asymmetric double-barrier tunneling junctions. <i>Applied Physics Letters</i> , 2007 , 90, 223112	3.4	30
87	Visible fluorescence induced by the metal semiconductor transition in composites of carbon nanotubes with noble metal nanoparticles. <i>Physical Review Letters</i> , 2007 , 99, 167404	7.4	27
86	Synthesis and self-assembly of novel porphyrin molecular wires. <i>Thin Solid Films</i> , 2006 , 499, 23-28	2.2	25
85	Porphyrin Molecular Nanodevices Wired Using Single-Walled Carbon Nanotubes. <i>Advanced Materials</i> , 2006 , 18, 1411-1415	24	67

84	Simple Preparation Method for Supramolecular Porphyrin Arrays on Mica Using Air/Water Interface. <i>Japanese Journal of Applied Physics</i> , 2006 , 45, 2324-2327	1.4	4
83	Morphology and Electric Properties of Nonathioephene/Au Nano-Composite Thin Films Formed Between 1 μ m Gapped Electrodes. <i>Molecular Crystals and Liquid Crystals</i> , 2006 , 455, 305-309	0.5	6
82	Fabrication of nanoscale gaps using a combination of self-assembled molecular and electron beam lithographic techniques. <i>Applied Physics Letters</i> , 2006 , 88, 223111	3.4	56
81	Electronic properties of a single-walled carbon nanotube/150mer-porphyrin system measured by point-contact current imaging atomic force microscopy. <i>Journal of Nanoscience and Nanotechnology</i> , 2006 , 6, 1644-8	1.3	13
80	Preparation of very reactive thiol-protected gold nanoparticles: revisiting the Brust-Schiffrin method. <i>Journal of Nanoscience and Nanotechnology</i> , 2006 , 6, 708-12	1.3	13
79	Spontaneous resolution of Δ and Λ enantiomeric pair of [Ru(phen)(bpy) ₂](PF ₆) ₂ (phen=1,10-phenanthroline, bpy=2,2'-bipyridine) by conglomerate crystallization. <i>Polyhedron</i> , 2006 , 25, 1379-1385	2.7	28
78	Structural and spectroscopic characterizations of low-spin [Fe(4,4'-dimethyl-2,2'-bipyridine) ₃](NCS) ₂ ·2H ₂ O prepared from high-spin iron(II) dithiocyanate tetrapyridine. <i>Journal of Molecular Structure</i> , 2006 , 785, 21-26	3.4	23
77	Synthesis of end-functionalized π -conjugated porphyrin oligomers. <i>Tetrahedron</i> , 2006 , 62, 4749-4755	2.4	8
76	Synthesis and photochemical behavior of metalloporphyrin complexes containing a photochromic axial ligand. <i>Thin Solid Films</i> , 2006 , 499, 219-223	2.2	10
75	Molecular junctions composed of oligothiophene dithiol-bridged gold nanoparticles exhibiting photoresponsive properties. <i>Chemistry - A European Journal</i> , 2005 , 12, 607-19	4.8	51
74	Photo precursor for pentacene. <i>Tetrahedron Letters</i> , 2005 , 46, 1981-1983	2	79
73	Photochemical synthesis of pentacene and its derivatives. <i>Chemistry - A European Journal</i> , 2005 , 11, 6212-20	4.8	132
72	Electric Conduction of Small Number Molecules. <i>Hyomen Kagaku</i> , 2004 , 25, 732-737		
71	Multi-Curve Fitting Analysis of Temperature-Dependent I-V Curves of Poly-Hexathiénylphenanthroline-Bridged Nanogap Electrodes. <i>Japanese Journal of Applied Physics</i> , 2004 , 43, L634-L636	1.4	17
70	Bridging nanogap electrodes by in situ electropolymerization of a bis(terthiophenylphenanthroline)ruthenium complex. <i>Chemistry - A European Journal</i> , 2004 , 10, 3331-40	4.8	57
69	SYNTHESIS AND PROPERTIES OF MESO-TETRAARYL RHODIUM PORPHYRIN WITH AN AXIAL LIGAND OF MOLECULAR WIRE. <i>International Journal of Nanoscience</i> , 2002 , 01, 489-494	0.6	3
68	SYNTHESIS OF THICK PORPHYRIN MOLECULAR WIRES BY A PALLADIUM CATALYZED OLIGOMERIZATION. <i>International Journal of Nanoscience</i> , 2002 , 01, 483-487	0.6	
67	SYNTHESIS OF NOVEL NANOMETER SIZE RUTHENIUM COMPLEXES FOR SINGLE ELECTRON CHARGING DEVICES AND THEIR ELECTROCHEMICAL PROPERTIES. <i>International Journal of Nanoscience</i> , 2002 , 01, 631-635	0.6	1

66	FORMATION OF GOLD NANOPARTICLES/OLIGOTHIOPHENE DITHIOLS COMPOSITE THIN FILMS BETWEEN MICROGAPPED GOLD ELECTRODES AND THEIR ELECTRONIC PROPERTIES. <i>International Journal of Nanoscience</i> , 2002 , 01, 557-562	0.6	3
65	Electronic conductive characteristics of devices fabricated with 1,10-decanedithiol and gold nanoparticles between 1- μ m electrode gaps. <i>Thin Solid Films</i> , 2001 , 393, 374-378	2.2	49
64	?????????????????. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2001 , 59, 452-453	0.2	
63	Synthesis and characterization of N-confused porphyrinatoantimony(V): toward a low energy gap molecular wire. <i>Journal of Organometallic Chemistry</i> , 2000 , 611, 551-557	2.3	38
62	Prospects and Problems of Single Molecule Information Devices. <i>Japanese Journal of Applied Physics</i> , 2000 , 39, 3835-3849	1.4	80
61	N-Fused Porphyrin A New Tetrapyrrolic Porphyrinoid with a Fused Tri-pentacyclic Ring. <i>Journal of the American Chemical Society</i> , 2000 , 122, 5748-5757	16.4	128
60	N-confused double-decker porphyrins. <i>Inorganic Chemistry</i> , 2000 , 39, 5424-5	5.1	95
59	Vollstandig regioselektive Synthese von direkt verknuften meso-meso- und meso-Porphyrindimeren durch elektrochemische Eintopfoxidation von Metalloporphyrinen. <i>Angewandte Chemie</i> , 1999 , 111, 140-142	3.6	30
58	Completely Regioselective Synthesis of Directly Linked meso,meso and meso,Porphyrin Dimers by One-Pot Electrochemical Oxidation of Metalloporphyrins. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 176-179	16.4	112
57	N-Confused TetraphenylporphyrinSilver(III) Complex1. <i>Inorganic Chemistry</i> , 1999 , 38, 2676-2682	5.1	173
56	N-Fused Porphyrin From N-Confused Porphyrin. <i>Journal of the American Chemical Society</i> , 1999 , 121, 2945-2946	16.4	149
55	A new synthesis of electron conjugated phosphonates and phosphonic bis(diethylamides) and their SHG activities. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998 , 2953-2958		59
54	Synthesis of 2,7,12,17-tetraaryl-3,8,13,18-tetranitroporphyrins; electronic effects on aggregation properties of porphyrins. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998 , 3819-3824		19
53	Syntheses, X-ray structures and conformational studies of tetraoxa[n.n]metacyclophanes. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998 , 529-538		2
52	Synthesis of 3,4-diarylpyrroles and conversion into dodecaarylporphyrins; a new approach to porphyrins with altered redox potentials. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998 , 1595-1602		52
51	A New Method for Chemical Modification of Conducting Polypyrroles 1998 , 155-156		
50	One-pot electrochemical formation of meso,meso-linked porphyrin arrays. <i>Chemical Communications</i> , 1998 , 337-338	5.8	59
49	Functionalization of Conductive Poly(thiophenes) and Poly(pyrroles). <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1997 , 120, 419-420	1	

48	A new method for chemical modification of conductive polypyrroles without destroying their conductivity. <i>Advanced Materials</i> , 1997 , 9, 149-153	24	19
47	A new synthesis of 4-phosphorylchromenes from 3-nitrochromenes. <i>Journal of Heterocyclic Chemistry</i> , 1997 , 34, 1243-1246	1.9	12
46	A new synthesis of pyrroles and porphyrins fused with aromatic rings. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1996 , 417		71
45	A new synthesis of 1-phenylthio- and 1-alkylamino-4-nitrobuta-1,3-dienes. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1996 , 1905		9
44	The first preparation of crown ether-annulated porphyrin. <i>Tetrahedron Letters</i> , 1996 , 37, 3133-3136	2	27
43	A New Route to Porphyrins Substituted with Long Alkoxy Groups, Attempts to Prepare the Discotic Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 1996 , 278, 165-171		5
42	Tris(2-methoxyphenyl)bismuthane as a dehydrating agent with high template ability: an efficient single-step synthesis of macrocyclic diesters from diacid anhydrides and glycols. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 1407		8
41	Regioselective synthesis of 5-unsubstituted benzyl pyrrole-2-carboxylates from benzyl isocyanoacetate. <i>Journal of Heterocyclic Chemistry</i> , 1994 , 31, 707-710	1.9	23
40	Enhanced nucleophilicity of tris-(2,6-dimethoxyphenyl)bismuthane as studied by X-ray crystallography, 17O NMR spectroscopy and theoretical calculations. X-Ray molecular structure of tris-(2,6-dimethoxyphenyl)bismuthane and of trimesitylbismuthane. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994 , 3479		20
39	"N-Confused Porphyrin": A New Isomer of Tetraphenylporphyrin. <i>Journal of the American Chemical Society</i> , 1994 , 116, 767-768	16.4	551
38	Synthesis of pyrroles annulated with polycyclic aromatic compounds; precursor molecules for low band gap polymers. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 1019		42
37	3-Nitrochromenes for second order nonlinear optical applications. <i>Journal of the Chemical Society Chemical Communications</i> , 1993 , 1781		17
36	Electron-rich Triarylbi-muthines as Selective Condensation Reagent under Neutral Conditions. Condensation of Aliphatic Carboxylic Acids with Amines and Alcohols. <i>Chemistry Letters</i> , 1993 , 22, 815-818	1.7	8
35	Copper(I) Salt Promoted Reactions of Sulfur Nucleophiles with Vinyl Bromides. Simple and Straightforward Preparations of S-Vinyl Thiobenzoates and S,S'-Vinylidene Bisthiobenzoates. <i>Chemistry Letters</i> , 1992 , 21, 1947-1950	1.7	4
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32	Preparation of 2-formyl-4-nitropyrroles. <i>Journal of Heterocyclic Chemistry</i> , 1991 , 28, 2053-2055	1.9	13
31	Unusual Copper Salt Promoted Addition Reactions of Cyclic 1,3-Dicarbonylmethanides to Olefinic Bonds. <i>Chemistry Letters</i> , 1990 , 19, 937-940	1.7	3

30	Mild Acetylation of Amides, Thioamides, Ureas, and Thioureas Using Methyl Bis(1-naphthyl)bismuthinate in Acetic Acid. <i>Chemistry Letters</i> , 1990 , 19, 1651-1654	1.7	5
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28	Synthesis of Symmetrical Polycyclic Aromatic Tellurides. <i>Synthesis</i> , 1989 , 1989, 468-471	2.9	8
27	An Alternative Method for the Stereospecific Synthesis of Conjugated Alkynes Via the Copper (I) Iodide Assisted Cross-Coupling Reaction of 1-Alkynes with Haloalkenes. <i>Synthetic Communications</i> , 1989 , 19, 2199-2207	1.7	21
26	A new method of generation of bismuthonium ylides and their efficient trapping with sulphenes. <i>Journal of the Chemical Society Chemical Communications</i> , 1989 , 1749		11
25	Facile Cleavage of Aryl Haloacetates and 2-Chloroethyl Carboxylic Esters with Sodium Telluride. A One-pot Conversion of Aryl Esters into Aryl Ethers under Aprotic Conditions. <i>Chemistry Letters</i> , 1989 , 18, 1017-1020	1.7	4
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