Robert J Forster

List of Publications by Year
in descending order

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241 papers	8,073 citations	41344 49 h-index	71685 76 g-index
249 all docs	249 docs citations	249 times ranked	7763 citing authors

#	Article	IF	Citations
1	Enhanced Electrochemiluminescence from 3D Nanocavity Electrode Arrays. Sensors and Actuators Reports, 2022, 4, 100082.	4.4	3
2	Enhanced wireless cell stimulation using soft and improved bipolar electroactive conducting polymer templates. Applied Materials Today, 2022, 27, 101481.	4.3	4
3	Electrochemiluminescent detection of epilepsy biomarker miR-134 using a metal complex light switch. Bioelectrochemistry, 2022, 146, 108150.	4.6	1
4	Wireless electrochemiluminescence at functionalised gold microparticles using 3D titanium electrode arrays. Chemical Communications, 2021, 57, 4642-4645.	4.1	11
5	Ferrocene-Containing DNA Monolayers: Influence of Electrostatics on the Electron Transfer Dynamics. Langmuir, 2021, 37, 3359-3369.	3.5	4
6	Electrochemiluminescence at 3D Printed Titanium Electrodes. Frontiers in Chemistry, 2021, 9, 662810.	3.6	7
7	Biosensors Designed for Clinical Applications. Biomedicines, 2021, 9, 702.	3.2	14
8	Bipolar electroactive conducting polymers for wireless cell stimulation. Applied Materials Today, 2020, 21, 100804.	4.3	16
9	Electrochemical Properties of Screen-Printed Carbon Nano-Onion Electrodes. Molecules, 2020, 25, 3884.	3.8	22
10	Stepwise electrochemical deposition and single-molecule conductance of nucleic acid analogues. Electrochimica Acta, 2020, 346, 136159.	5.2	0
11	Proton-coupled electron transfer from an interfacial phenol monolayer. Journal of Electroanalytical Chemistry, 2020, 859, 113856.	3.8	2
12	Reprint of "Proton-coupled electron transfer from an interfacial phenol monolayer". Journal of Electroanalytical Chemistry, 2020, 875, 114760.	3.8	0
13	Tunable metallic nanostructures using 3D printed nanosphere templates. Electrochemistry Communications, 2019, 98, 106-109.	4.7	10
14	Optimizing glucose sensing for diabetes monitoring. , 2019, , 765-778.		0
15	Elevated Plasma microRNA-206 Levels Predict Cognitive Decline and Progression to Dementia from Mild Cognitive Impairment. Biomolecules, 2019, 9, 734.	4.0	41
16	Chapter 9. ECL of Nanomaterials: Novel Materials, Detection Strategies and Applications. RSC Detection Science, 2019, , 247-273.	0.0	2
17	Deactivation of the ruthenium excited state by enhanced homogeneous charge transport: Implications for electrochemiluminescent thin film sensors. Electrochemistry Communications, 2018, 86, 90-93.	4.7	9
18	Fibrinogen Motif Discriminates Platelet and Cell Capture in Peptide-Modified Gold Micropore Arrays. Langmuir, 2018, 34, 715-725.	3.5	4

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19	Fabrication and Optical Properties of Periodic Ag Nanoâ€Pore and Nanoâ€Particle Arrays with Controlled Shape and Size over Macroscopic Length Scales. Advanced Engineering Materials, 2018, 20, 1700532.	3.5	10
20	Intensive care medicine in 2050: nanotechnology. Emerging technologies and approaches and their impact on critical care. Intensive Care Medicine, 2018, 44, 1299-1301.	8.2	5
21	Redox Processes in Solidâ€State Uranyl (Oxy)hydroxide Minerals. ChemElectroChem, 2018, 5, 958-963.	3.4	3
22	Dual-center, dual-platform microRNA profiling identifies potential plasma biomarkers of adult temporal lobe epilepsy. EBioMedicine, 2018, 38, 127-141.	6.1	88
23	Cardiac Troponin I: Ultrasensitive Detection Using Faradaic Electrochemical Impedance. ACS Omega, 2018, 3, 17116-17124.	3.5	34
24	Cyclic Voltammetry of Organic Compounds. , 2018, , 197-197.		2
25	Hemispherical platinumâ€‰:â€‰silver coreâ€‰:â€‰shell nanoparticles for miRNA detection. Analyst, The, 2017, 142, 752-762.	3.5	6
26	Triangular silver nanoplates: Properties and ultrasensitive detection of miRNA. Electrochemistry Communications, 2017, 79, 23-27.	4.7	12
27	â€œTORNADOâ€•â€“ Theranostic One-Step RNA Detector; microfluidic disc for the direct detection of microRNA-134 in plasma and cerebrospinal fluid. Scientific Reports, 2017, 7, 1750.	3.3	53
28	Spectroscopy of Electrochemical Systems. , 2017, , 365-421.		3
29	Evaluating Metabolite-Related DNA Oxidation and Adduct Damage from Aryl Amines Using a Microfluidic ECL Array. Analytical Chemistry, 2017, 89, 12441-12449.	6.5	21
30	Wireless Electrochemiluminescence at Nafionâ€“Carbon Microparticle Composite Films. Analytical Chemistry, 2017, 89, 11614-11619.	6.5	6
31	Electrochemical sensing of cancer cells. Current Opinion in Electrochemistry, 2017, 3, 63-67.	4.8	6
32	Micron dimensioned cavity array supported lipid bilayers for the electrochemical investigation of ionophore activity. Bioelectrochemistry, 2016, 112, 16-23.	4.6	20
33	Peptide-Mediated Platelet Capture at Gold Micropore Arrays. ACS Applied Materials & Interfaces, 2016, 8, 32189-32201.	8.0	7
34	Electrochemiluminescent Array to Detect Oxidative Damage in ds-DNA Using [Os(bpy)₂(phen-benz-COOH)]²⁺/Nafion/Graphene Films. ACS Sensors, 2016, 1, 272-278.	7.8	30
35	Detection of prostate specific antigen based on electrocatalytic platinum nanoparticles conjugated to a recombinant scFv antibody. Biosensors and Bioelectronics, 2016, 77, 759-766.	10.1	59
36	Hybrid polyoxometalate materials for photo(electro-) chemical applications. Coordination Chemistry Reviews, 2016, 306, 217-234.	18.8	314

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37	Direct, non-amplified detection of microRNA-134 in plasma from epilepsy patients. RSC Advances, 2015, 5, 90071-90078.	3.6	15
38	A Cholesterol Biosensor Based on the NIR Electrogenerated-Chemiluminescence (ECL) of Water-Soluble CdSeTe/ZnS Quantum Dots. Electrochimica Acta, 2015, 157, 8-14.	5.2	57
39	Label-free impedance detection of cancer cells from whole blood on an integrated centrifugal microfluidic platform. Biosensors and Bioelectronics, 2015, 68, 382-389.	10.1	93
40	Aqueous-filled polymer microcavity arrays: versatile & stable lipid bilayer platforms offering high lateral mobility to incorporated membrane proteins. Analyst, The, 2015, 140, 3012-3018.	3.5	23
41	The lateral diffusion and fibrinogen induced clustering of platelet integrin Î±_{IIb}Î²₃reconstituted into physiologically mimetic GUVs. Integrative Biology (United Kingdom), 2015, 7, 402-411.	1.3	20
42	Electrochemiluminescence platform for the detection of C-reactive proteins: application of recombinant antibody technology to cardiac biomarker detection. RSC Advances, 2015, 5, 67874-67877.	3.6	34
43	Osmium(ii) polypyridyl polyarginine conjugate as a probe for live cell imaging; a comparison of uptake, localization and cytotoxicity with its ruthenium(ii) analogue. Dalton Transactions, 2015, 44, 14323-14332.	3.3	34
44	Gold nanowires and nanotubes for high sensitivity detection of pathogen DNA. Sensors and Actuators B: Chemical, 2015, 215, 159-165.	7.8	23
45	Solvent switchable dual emission from a bichromophoric ruthenium–BODIPY complex. Chemical Communications, 2015, 51, 15839-15841.	4.1	25
46	Fractal structures in n-phenyl-porphyrin J-aggregate films. Materials Chemistry and Physics, 2014, 143, 963-968.	4.0	10
47	RGD Labeled Ru(II) Polypyridyl Conjugates for Platelet Integrin Î±IIbÎ²3Recognition and as Reporters of Integrin Conformation. Bioconjugate Chemistry, 2014, 25, 928-944.	3.6	36
48	High efficiency electrochemiluminescence from polyaniline:ruthenium metal complex films. Electrochemistry Communications, 2014, 48, 95-98.	4.7	15
49	Electrodeposited gold–copper core–shell nanowires for high sensitivity DNA detection. Analyst, The, 2014, 139, 5504-5508.	3.5	7
50	Peptide-Bridged Dinuclear Ru(II) Complex for Mitochondrial Targeted Monitoring of Dynamic Changes to Oxygen Concentration and ROS Generation in Live Mammalian Cells. Journal of the American Chemical Society, 2014, 136, 15300-15309.	13.7	98
51	Ligand capture and activation of human platelets at monolayer modified gold surfaces. Biomaterials Science, 2014, 2, 1509-1520.	5.4	9
52	Electron Transfer to Covalently Immobilized Keggin Polyoxotungstates on Gold. Langmuir, 2014, 30, 4509-4516.	3.5	19
53	Dual function metal nanoparticles: Electrocatalysis and DNA capture. Electrochimica Acta, 2014, 128, 61-66.	5.2	7
54	Formation of ferroelectrically defined Ag nanoarray patterns. Proceedings of SPIE, 2014, , .	0.8	0

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55	Micro- and Nanoelectrodes. , 2014, , 1248-1256.		4
56	Interfaces Modified with Electroactive Biological Species. , 2014, , 1083-1089.		0
57	Insights into electrochemiluminescent enhancement through electrode surface modification. Analyst, The, 2013, 138, 677-682.	3.5	33
58	Visible light sensitized photocurrent generation from electrostatically assembled thin films of [Ru(bpy)3]2+ and the polyoxometalate Î³*-[W18O54(SO4)2]4â^': Optimizing performance in a low electrolyte medium. Journal of Electroanalytical Chemistry, 2013, 706, 93-101.	3.8	19
59	Surface enhanced luminescence and Raman scattering from ferroelectrically defined Ag nanopatterned arrays. Applied Physics Letters, 2013, 103, 083105.	3.3	33
60	Vapour phase polymerised polyanilineâ€"gold nanoparticle composites for DNA detection. Journal of Electroanalytical Chemistry, 2013, 711, 38-44.	3.8	10
61	Polypyrroleâ€"gold nanoparticle composites for highly sensitive DNA detection. Electrochimica Acta, 2013, 109, 102-109.	5.2	29
62	DNA mediated immobilisation of electrocatalytic platinum nanoparticles in gold nanocavity arrays. Chemical Communications, 2013, 49, 1380-1382.	4.1	11
63	Electrochemically Induced Release of a Luminescent Probe from a Rheniumâ€Containing Metallopolymer. ChemPlusChem, 2013, 78, 55-61.	2.8	3
64	Electrochemically Induced Release of a Luminescent Probe from a Rhenium-Containing Metallopolymer. ChemPlusChem, 2013, 78, 2-2.	2.8	1
65	Tuning the electrochemiluminescence potential from immobilised BODIPY by co-reactant selection. Electrochemistry Communications, 2013, 31, 116-119.	4.7	6
66	Temperature dependence of a1 and b2 type modes in the surface enhanced Raman from 4-Aminobenzenethiol. Chemical Physics Letters, 2013, 556, 158-162.	2.6	8
67	Peptide directed transmembrane transport and nuclear localization of Ru(ii) polypyridyl complexes in mammalian cells. Chemical Communications, 2013, 49, 2658.	4.1	57
68	Electrochemiluminescent Biosensors: Neuroscience Applications. Neuromethods, 2013, , 347-367.	0.3	3
69	Detection of sub-femtomolar DNA based on double potential electrodeposition of electrocatalytic platinum nanoparticles. Analyst, The, 2013, 138, 4340.	3.5	14
70	DNA sensor based on vapour polymerised pedot films functionalised with gold nanoparticles. Biosensors and Bioelectronics, 2013, 41, 65-70.	10.1	52
71	Cell uptake and cytotoxicity of a novel cyclometalated iridium(III) complex and its octaarginine peptide conjugate. Journal of Inorganic Biochemistry, 2013, 119, 65-74.	3.5	46
72	Label-Free Impedance Detection of Cancer Cells. Analytical Chemistry, 2013, 85, 2216-2222.	6.5	70

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73	Naphthyridylâ€Substituted 4,4â€Difluoroâ€4â€boraâ€3a,4aâ€diazaâ€sâ€indacene (BODIPY) Luminophores: Photophysics and Application as Molecular Imaging Probes in Live Cells. Asian Journal of Organic Chemistry, 2013, 2, 763-778.	2.7	11
74	Membrane permeable luminescent metal complexes for cellular imaging. , 2012, , .		5
75	Reflectance properties of gold nano-cavity spherical and cuboid molded arrays. Proceedings of SPIE, 2012, , .	0.8	2
76	Template Assembly of Spin Crossover Oneâ€Dimensional Nanowires. Angewandte Chemie - International Edition, 2012, 51, 11995-11999.	13.8	28
77	Editorial â€“ Future Electroanalytical Developments. Analyst, The, 2012, 137, 1989.	3.5	0
78	Regio selective functionalisation of gold nanoparticles with DNA. Chemical Communications, 2012, 48, 838-840.	4.1	7
79	Self assembled composites of luminescent Ru(ii) metallopolymers and the Dawson polyoxometalate Î±-[Mo18O54(SO4)2]4â^. Dalton Transactions, 2012, 41, 9928.	3.3	18
80	Ruthenium Metallopolymer: Dawson Polyoxomolybdate Î±-[Mo₁₈O₅₄(SO₄)₂]^{4â€“} Adduct Films: Sensitization for Visible Photoelectrocatalysis. Langmuir, 2012, 28, 13536-13541.	3.5	19
81	Highly luminescent Ru(ii) metallopolymers: photonic and redox properties in solution and as thin films. Photochemical and Photobiological Sciences, 2012, 11, 1547.	2.9	9
82	Physical Characterization and Reactivity of the Uranyl Peroxide [UO₂(Î·²-O₂)(H₂O)₂]Â·2H₂O: Implications for Storage of Spent Nuclear Fuels. Inorganic Chemistry, 2012, 51, 8509-8515.	4.0	31
83	Electrochemiluminescence properties of a carboxy functionalised BODIPY. Electrochemistry Communications, 2012, 21, 46-49.	4.7	11
84	Enhanced photocurrent production from thin films of Ru(ii) metallopolymer/Dawson polyoxotungstate adducts under visible irradiation. Chemical Communications, 2012, 48, 3593.	4.1	53
85	Poly-ethylene glycol induced super-diffusivity in lipid bilayer membranes. Soft Matter, 2012, 8, 8743.	2.7	15
86	Effect of Cavity Architecture on the Surface-Enhanced Emission from Site-Selective Nanostructured Cavity Arrays. Journal of Physical Chemistry C, 2012, 116, 1784-1788.	3.1	33
87	Near IR emitting BODIPY fluorophores with mega-stokes shifts. Chemical Communications, 2012, 48, 5617.	4.1	60
88	High Sensitivity DNA Detection Based on Regioselectively Decorated Electrocatalytic Nanoparticles. Analytical Chemistry, 2012, 84, 6471-6476.	6.5	16
89	Highly sensitive detection of NADH using electrochemiluminescent nanocomposites. Electrochemistry Communications, 2012, 19, 43-45.	4.7	33
90	Suppressed photoelectrochemistry at carbon-surface-modified mesoporous TiO2 films. Electrochimica Acta, 2012, 73, 31-35.	5.2	8

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91	High sensitivity carbon nanotube based electrochemiluminescence sensor array. Biosensors and Bioelectronics, 2012, 31, 233-239.	10.1	55
92	Fabrication of gold sphere to cuboid nanoarrays using PDMS templates. Chemical Communications, 2011, 47, 7605.	4.1	7
93	Regio-selective decoration of nanocavity metal arrays: contributions from localized and delocalized plasmons to surface enhanced Raman spectroscopy. Physical Chemistry Chemical Physics, 2011, 13, 14705.	2.8	19
94	Mechanism and release rates of surface confined cyclodextrin guests. Analyst, The, 2011, 136, 5051.	3.5	3
95	Ground and excited state communication within a ruthenium containing benzimidazole metallopolymer. Physical Chemistry Chemical Physics, 2011, 13, 7095.	2.8	14
96	Electronic and photophysical properties of adducts of [Ru(bpy)3]2+ and Dawson-type sulfite polyoxomolybdates Î±/Î²-[Mo18O54(SO3)2]4â". Dalton Transactions, 2011, 40, 2038.	3.3	38
97	Lipid bilayer assembly at a gold nanocavity array. Chemical Communications, 2011, 47, 12530.	4.1	18
98	Electrochemical properties of ruthenium metallopolymer: Monolayer-protected gold cluster nanocomposites. Journal of Electroanalytical Chemistry, 2011, 662, 30-35.	3.8	7
99	Site selective surface enhanced Raman on nanostructured cavities. Applied Physics Letters, 2011, 99, 033104.	3.3	30
100	Electrochemiluminescence (ECL) sensing properties of water soluble core-shell CdSe/ZnS quantum dots/Nafion composite films. Journal of Materials Chemistry, 2011, 21, 13984.	6.7	73
101	Electrochemiluminescent Metallopolymerâ"Nanoparticle Composites: Nanoparticle Size Effects. Analytical Chemistry, 2011, 83, 2383-2387.	6.5	27
102	Electronic interactions within composites of polyanilines formed under acidic and alkaline conditions. Conductivity, ESR, Raman, UV-vis and fluorescence studies. Physical Chemistry Chemical Physics, 2011, 13, 3303.	2.8	52
103	Probing the Metal-to-Ligand Charge Transfer First Excited State in (Î·6-Naphthalene)Cr(CO)3and (Î·6-Phenanthrene)Cr(CO)3by Resonance Raman Spectroscopy and Density Functional Theory Calculations. Journal of Physical Chemistry A, 2011, 115, 11641-11651.	2.5	6
104	High sensitivity DNA detection using gold nanoparticle functionalised polyaniline nanofibres. Biosensors and Bioelectronics, 2011, 26, 2613-2618.	10.1	70
105	Detecting Disease Biomarkers Using Nanocavities and Nanoparticle Composites. Journal of Physics: Conference Series, 2011, 307, 012001.	0.4	0
106	Demonstration of surface plasmon-coupled emission using solid-state electrochemiluminescence. Chemical Physics Letters, 2011, 513, 112-117.	2.6	9
107	Photocurrent generation from thin films of ruthenium metallopolymer: polyoxometalate adducts using visible excitation. Electrochemistry Communications, 2011, 13, 899-902.	4.7	29
108	Silica nanoparticles containing a rhodamine dye and multiple gold nanorods. Journal of Nanoparticle Research, 2011, 13, 4659-4672.	1.9	3

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109	Potential modulated electrochemiluminescence of ruthenium containing metallopolymer films. Electrochemistry Communications, 2011, 13, 396-398.	4.7	13
110	Electrochemiluminescence and Charge Transport Properties of Metallopolymer-Gold Nanocomposites. ECS Transactions, 2010, 25, 137-152.	0.5	1
111	The impact of adsorption of bovine pancreatic trypsin inhibitor on CTABâ€protected gold nanoparticle arrays: a Raman spectroscopic comparison with solution denaturation. Journal of Raman Spectroscopy, 2010, 41, 130-135.	2.5	3
112	Surface enhanced resonance Raman and luminescence on plasmon active nanostructured cavities. Applied Physics Letters, 2010, 97, .	3.3	32
113	Hostâ^'Guest Directed Assembly of Gold Nanoparticle Arrays. Langmuir, 2010, 26, 1325-1333.	3.5	21
114	Formation and Growth of Oxide Layers at Platinum and Gold Nano- and Microelectrodes. Analytical Chemistry, 2010, 82, 7135-7140.	6.5	21
115	Enhanced Electrochemiluminescence and Charge Transport Through Films of Metallopolymer-Gold Nanoparticle Composites. Langmuir, 2010, 26, 2130-2135.	3.5	43
116	Single nanocavity electrodes: fabrication, electrochemical and photonic properties. Chemical Communications, 2010, 46, 7109.	4.1	9
117	Electrochemical Desorption of Fibrinogen from Gold. Langmuir, 2010, 26, 293-298.	3.5	11
118	Protein nanopatterning and release from gold nano-cavity arrays. Chemical Communications, 2010, 46, 106-108.	4.1	18
119	Multimodal cell imaging by ruthenium polypyridyl labelled cell penetrating peptides. Chemical Communications, 2010, 46, 103-105.	4.1	84
120	Ruthenium Aminophenanthroline Metallopolymer Films Electropolymerized from an Ionic Liquid: Deposition, Electrochemical and Photonic Properties. ECS Meeting Abstracts, 2009, , .	0.0	0
121	Near infrared Emitting Electrochemiluminescent Ruthenium Polymer. ECS Transactions, 2009, 16, 69-76.	0.5	4
122	Photonic interfacial supramolecular assemblies incorporating transition metals. Coordination Chemistry Reviews, 2009, 253, 1833-1853.	18.8	30
123	pH Dependent photophysics and role of medium on photoinduced electron transfer between ruthenium polypyridyl complex and anthraquinone. Inorganica Chimica Acta, 2009, 362, 1715-1722.	2.4	29
124	Nanostructured materials for electrochemiluminescence (ECL)-based detection methods: Recent advances and future perspectives. Biosensors and Bioelectronics, 2009, 24, 3191-3200.	10.1	321
125	Solid State Photochemistry of Novel Composites Containing Luminescent Metal Centers and Poly(2-methoxyaniline-5-sulfonic acid). Journal of Physical Chemistry B, 2009, 113, 7443-7448.	2.6	10
126	Luminescent Metal Complexes within Polyelectrolyte Layers: Tuning Electron and Energy Transfer. Langmuir, 2009, 25, 14053-14060.	3.5	20

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127	Electrogenerated Chemiluminescence. Annual Review of Analytical Chemistry, 2009, 2, 359-385.	5.4	416
128	Interfacial supramolecular cyclodextrin-fullerene assemblies: host reorientation and guest stabilization. Physical Chemistry Chemical Physics, 2009, 11, 848-856.	2.8	16
129	Emission enhancement within gold spherical nanocavity arrays. Physical Chemistry Chemical Physics, 2009, 11, 10923.	2.8	30
130	Three colour electrochromic metallopolymer based on a ruthenium phenolate complex bound to poly(4-vinyl)pyridine. Electrochemistry Communications, 2008, 10, 466-470.	4.7	25
131	Redox induced switching dynamics of a three colour electrochromic metallopolymer film. Electrochimica Acta, 2008, 53, 7033-7038.	5.2	14
132	Electrochemiluminescent metallopolymers: Tuning the emission wavelength by energy transfer between two bound centres. Electrochemistry Communications, 2008, 10, 984-986.	4.7	13
133	The influence of poly(2-methoxyaniline-5-sulfonic acid) on the electrochemical and photochemical properties of a highly luminescent ruthenium complex. Electrochimica Acta, 2008, 53, 4599-4605.	5.2	29
134	pH-Modulated photoinduced electron transfer in a {[ruthenium-adamantyl]Â·[Î²-cyclodextrin-methylviologen]} inclusion complex. Inorganica Chimica Acta, 2008, 361, 2683-2691.	2.4	19
135	Chemically bound gold nanoparticle arrays on silicon: assembly, properties and SERS study of protein interactions. Physical Chemistry Chemical Physics, 2008, 10, 4172.	2.8	62
136	Surface confinement and its effects on the luminescence quenching of a ruthenium-containing metallopolymer. Analyst, The, 2008, 133, 753.	3.5	27
137	Reversible Photoinduced Electron Transfer in a Ruthenium Poly(2-methoxyaniline-5-sulfonic acid) Composite Film. Journal of Physical Chemistry B, 2008, 112, 12907-12912.	2.6	26
138	Ruthenium polypyridyl peptide conjugates: membrane permeable probes for cellular imaging. Chemical Communications, 2008, , 5307.	4.1	132
139	Influence of Steric Confinement within Zeolite Y on Photoinduced Energy Transfer between [Ru(bpy)3]2+ and Iron Polypyridyl Complexes. Journal of Physical Chemistry A, 2008, 112, 880-888.	2.5	18
140	Ruthenium Aminophenanthroline Metallopolymer Films Electropolymerized from an Ionic Liquid: Deposition and Electrochemical and Photonic Properties. Langmuir, 2008, 24, 11233-11238.	3.5	37
141	Mercuryâ^'Platinum Tunneling Junctions Incorporating Supramolecular Hostâ^'Guest Assemblies. Journal of the American Chemical Society, 2008, 130, 10002-10007.	13.7	7
142	Nanoparticle-Metallopolymer Assemblies: Luminescent Properties. ECS Transactions, 2007, 3, 1-8.	0.5	0
143	Noninvasive noble metal nanoparticle arrays for surface-enhanced Raman spectroscopy of proteins. , 2007, , .		0
144	Covalent Attachment of Ferrocene to Soybean Peroxidase Glycans:Â Electron Transfer Mediation to Redox Enzymes. Bioconjugate Chemistry, 2007, 18, 524-529.	3.6	15

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145	Ultramicroelectrodes. , 2007, , 155-171.		20
146	Electrodeposited noble metal SERS: control of single nanoparticle size and control of array interparticle spacing. , 2007, , .		0
147	Spectroelectrochemistry. , 2007, , 591-635.		16
148	Nafionâ˜Tris(2-2â€˜-bipyridyl)ruthenium(II) Ultrathin Langmuirâ˜Schaefer Films:â€‰ Redox Catalysis and Electrochemiluminescent Properties. Analytical Chemistry, 2007, 79, 7549-7553.	6.5	55
149	Effect of Deposition Time on the Orientation of [Ru(bpy)2Qbpy]2+Adsorbed on Platinum. Journal of Physical Chemistry C, 2007, 111, 2063-2068.	3.1	8
150	S-Nitrosylation of Platelet Î±IIbÎ²3 As Revealed by Raman Spectroscopy. Biochemistry, 2007, 46, 6429-6436.	2.5	51
151	Surface-Immobilized Pyridine-Functionalized Î³-Cyclodextrin:Â Alkanethiol Co-adsorption-Induced Reorientation. Langmuir, 2007, 23, 6997-7002.	3.5	15
152	pH effects on the rate of heterogeneous electron transfer across a fluorine doped tin oxide/monolayer interface. Electrochemistry Communications, 2007, 9, 1899-1906.	4.7	10
153	Adsorption dynamics and interfacial properties of thiol-based cobalt terpyridine monolayers. Electrochimica Acta, 2007, 52, 6692-6699.	5.2	11
154	Electrodeposition of gold nanoparticles on fluorine-doped tin oxide: Control of particle density and size distribution. Journal of Electroanalytical Chemistry, 2007, 608, 1-7.	3.8	57
155	The photophysics of a luminescent ruthenium polypyridyl complex with pendant Î²-cylodextrin; pH modulation of lifetime and photoinduced electron transfer. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2007, 57, 607-612.	1.6	6
156	Fullerene bridged metallocyclodextrin donorâ€“acceptor complexes: optical spectroscopy and photophysics. Dalton Transactions, 2006, , 1729-1737.	3.3	17
157	Sensitization of photo-reduction of the polyoxometalate anions [S2M18O62]4? (M = Mo, W) in the visible spectral region by the [Ru(bpy)3]2+ cation. Dalton Transactions, 2006, , 4218.	3.3	53
158	Effect of Surface Immobilization on the Electrochemiluminescence of Ruthenium-Containing Metallopolymers. Analytical Chemistry, 2006, 78, 1412-1417.	6.5	83
159	Photonic and Electrochemical Properties of Adsorbed [Ru(dpp)2(Qbpy)]2+ Luminophores. Langmuir, 2006, 22, 10754-10761.	3.5	19
160	Adsorption Dynamics and Electrochemical and Photophysical Properties of Thiolated Ruthenium 2,2â€˜-Bipyridine Monolayers. Journal of Physical Chemistry B, 2006, 110, 10063-10069.	2.6	30
161	Electrochemiluminescent monolayers on metal oxide electrodes: Detection of amino acids. Electrochemistry Communications, 2006, 8, 1588-1594.	4.7	53
162	Production and characterization of a polyclonal antibody for Os(II) and Ru(II) polypyridyl complexes. Journal of Inorganic Biochemistry, 2006, 100, 1252-1259.	3.5	4

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163	Luminescence properties of metallopolymer-gold nanoparticle composites. , 2005, , .		0
164	New insights into the molecular mechanisms of thrombosis from high resolution surface enhanced Raman microscopy. Proceedings of SPIE, 2005, 5826, 221.	0.8	3
165	Conducting Polymers Containing In-Chain Metal Centers:Â Electropolymerization of Oligothienyl-Substituted {M(tpy)2} Complexes and in Situ Conductivity Studies, M = Os(II), Ru(II). Inorganic Chemistry, 2005, 44, 1073-1081.	4.0	109
166	Photophysics of ruthenium polypyridyl complexes formed with lacunary polyoxotungstates with iron addenda. Physical Chemistry Chemical Physics, 2005, 7, 3426.	2.8	34
167	Electropolymerisation dynamics of a highly conducting metallopolymer: poly-[Os(4â€²-(5-(2,2â€²-bithienyl))-2,2â€²:6â€²,2â€³-terpyridine)2]2+. Electrochemistry Communications, 2004, 6, 193-200.	4.7	34
168	Impact of ion solvation on charge transport through [Os(bpy)2 (H2tzt) Cl]+ in the solid state. Physical Chemistry Chemical Physics, 2004, 6, 3551.	2.8	5
169	Solvent effects on charge transport through solid deposits of [Os(4,4â€²-diphenyl-2,2â€²-dipyridyl)2Cl2]. Analyst, The, 2004, 129, 1186-1192.	3.5	6
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