Tia E Keyes

List of Publications by Citations

222 papers	5,343 citations	38 h-index	60 g-index
234 ext. papers	5,813 ext. citations	5.5 avg, IF	5.78 L-index

#	Paper	IF	Citations
222	Electrogenerated chemiluminescence. *Annual Review of Analytical Chemistry*, **2009**, 2, 359-85	12.5	373
221	Hybrid polyoxometalate materials for photo(electro-) chemical applications. *Coordination Chemistry Reviews*, **2016**, 306, 217-234	23.2	253
220	Fibre optic oxygen sensor based on fluorescence quenching of evanescent-wave excited ruthenium complexes in sol□gel derived porous coatings. *Analyst, The*, **1993**, 118, 385-388	5	187
219	Ruthenium polypyridyl peptide conjugates: membrane permeable probes for cellular imaging. *Chemical Communications*, **2008**, 5307-9	5.8	121
218	Sol□gel immobilised ruthenium(II) polypyridyl complexes as chemical transducers for optical pH sensing. *Sensors and Actuators B: Chemical*, **2000**, 67, 89-95	8.5	85
217	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, 15300-9	16.4	81
216	Label-free impedance detection of cancer cells from whole blood on an integrated centrifugal microfluidic platform. *Biosensors and Bioelectronics*, **2015**, 68, 382-389	11.8	79
215	Multimodal cell imaging by ruthenium polypyridyl labelled cell penetrating peptides. *Chemical Communications*, **2010**, 46, 103-5	5.8	76
214	Effect of surface immobilization on the electrochemiluminescence of ruthenium-containing metallopolymers. *Analytical Chemistry*, **2006**, 78, 1412-7	7.8	76
213	Spin transition in arrays of gold nanoparticles and spin crossover molecules. *ACS Nano*, **2015**, 9, 4496-507	16.7	67
212	Expanding the coordination cage: a ruthenium(II)-polypyridine complex exhibiting high quantum yields under ambient conditions. *Inorganic Chemistry*, **2009**, 48, 5677-84	5.1	67
211	Cooperative spin transition in a mononuclear manganese(III) complex. *Angewandte Chemie - International Edition*, **2012**, 51, 12597-601	16.4	66
210	Modulation of Electronic Coupling across Dioxolene-Bridged Osmium and Ruthenium Dinuclear Complexes. *Inorganic Chemistry*, **1998**, 37, 5925-5932	5.1	66
209	High sensitivity DNA detection using gold nanoparticle functionalised polyaniline nanofibres. *Biosensors and Bioelectronics*, **2011**, 26, 2613-8	11.8	65
208	Photophysical and novel charge-transfer properties of adducts between [RuII(bpy)3]2+ and [S2Mo18O62]4-. *Inorganic Chemistry*, **2003**, 42, 7897-905	5.1	62
207	Electrochemiluminescence (ECL) sensing properties of water soluble core-shell CdSe/ZnS quantum dots/Nafion composite films. *Journal of Materials Chemistry*, **2011**, 21, 13984		60
206	Targeting Photoinduced DNA Destruction by Ru(II) Tetraazaphenanthrene in Live Cells by Signal Peptide. *Journal of the American Chemical Society*, **2018**, 140, 6945-6955	16.4	60

205	Chemically bound gold nanoparticle arrays on silicon: assembly, properties and SERS study of protein interactions. *Physical Chemistry Chemical Physics*, **2008**, 10, 4172-80	3.6	59
204	Excited-state properties of ruthenium(II) polypyridyl complexes containing asymmetric triazole ligands. *Coordination Chemistry Reviews*, **2000**, 208, 77-86	23.2	59
203	Multimodal Super-resolution Optical Microscopy Using a Transition-Metal-Based Probe Provides Unprecedented Capabilities for Imaging Both Nuclear Chromatin and Mitochondria. *Journal of the American Chemical Society*, **2017**, 139, 15907-15913	16.4	58
202	Label-free impedance detection of cancer cells. *Analytical Chemistry*, **2013**, 85, 2216-22	7.8	58
201	Primary Charge Separation and Energy Transfer in the Photosystem I Reaction Center of Higher Plants. *The Journal of Physical Chemistry*, **1996**, 100, 12086-12099		58
200	Near IR emitting BODIPY fluorophores with mega-Stokes shifts. *Chemical Communications*, **2012**, 48, 5617-9	5.8	56
199	A Tetranuclear Ruthenium(II) Complex Containing both Electron-Rich and Electron-Poor Bridging Ligands. Absorption Spectrum, Luminescence, Redox Behavior, and Intercomponent Energy Transfer. *Inorganic Chemistry*, **1996**, 35, 4513-4518	5.1	54
198	Precision targeted ruthenium(ii) luminophores; highly effective probes for cell imaging by stimulated emission depletion (STED) microscopy. *Chemical Science*, **2016**, 7, 6551-6562	9.4	53
197	High sensitivity carbon nanotube based electrochemiluminescence sensor array. *Biosensors and Bioelectronics*, **2012**, 31, 233-9	11.8	53
196	Sensitization of photo-reduction of the polyoxometalate anions [S(2)M(18)O(62)](4-) (M = Mo, W) in the visible spectral region by the [Ru(bpy)(3)](2+) cation. *Dalton Transactions*, **2006**, 4218-27	4.3	53
195	Enhanced photocurrent production from thin films of Ru(II) metallopolymer/Dawson polyoxotungstate adducts under visible irradiation. *Chemical Communications*, **2012**, 48, 3593-5	5.8	51
194	Peptide directed transmembrane transport and nuclear localization of Ru(II) polypyridyl complexes in mammalian cells. *Chemical Communications*, **2013**, 49, 2658-60	5.8	49
193	Photophysics of Ion Clusters Formed between [Ru(bpy)3]2+ and the Polyoxotungstate Anion [S2W18O62]4-. *Journal of Physical Chemistry A*, **2004**, 108, 7399-7405	2.8	49
192	Electrochemiluminescent monolayers on metal oxide electrodes: Detection of amino acids. *Electrochemistry Communications*, **2006**, 8, 1588-1594	5.1	47
191	DNA sensor based on vapour polymerised pedot films functionalised with gold nanoparticles. *Biosensors and Bioelectronics*, **2013**, 41, 65-70	11.8	45
190	S-Nitrosylation of platelet alphaIIbbeta3 as revealed by Raman spectroscopy. *Biochemistry*, **2007**, 46, 6429-36	3.2	44
189	Electron self-exchange in the solid-state: cocrystals of hydroquinone and bipyridyl triazole. *Journal of the American Chemical Society*, **2001**, 123, 2877-84	16.4	44
188	Enhanced electrochemiluminescence and charge transport through films of metallopolymer-gold nanoparticle composites. *Langmuir*, **2010**, 26, 2130-5	4	43

187	Highly Selective Mitochondrial Targeting by a Ruthenium(II) Peptide Conjugate: Imaging and Photoinduced Damage of Mitochondrial DNA. *Angewandte Chemie - International Edition*, **2018**, 57, 12420-12424	16.4	42
186	A Cholesterol Biosensor Based on the NIR Electrogenerated-Chemiluminescence (ECL) of Water-Soluble CdSeTe/ZnS Quantum Dots. *Electrochimica Acta*, **2015**, 157, 8-14	6.7	41
185	Cell uptake and cytotoxicity of a novel cyclometalated iridium(III) complex and its octaarginine peptide conjugate. *Journal of Inorganic Biochemistry*, **2013**, 119, 65-74	4.2	41
184	Effect of Electrode Density of States on the Heterogeneous Electron-Transfer Dynamics of Osmium-Containing Monolayers. *Journal of the American Chemical Society*, **2000**, 122, 11948-11955	16.4	37
183	Redox Properties of Ground and Electronically Excited States: [Ru(bpy)2Qbpy]2+ Monolayers. *Journal of Physical Chemistry B*, **1998**, 102, 10004-10012	3.4	37
182	Electronic and photophysical properties of adducts of [Ru(bpy)3]2+ and Dawson-type sulfite polyoxomolybdates [Mo18O54(SO3)2]4-. *Dalton Transactions*, **2011**, 40, 2038-45	4.3	36
181	**2003**,		35
180	Isotope and Temperature Dependence of Dual Emission in a Mononuclear Ruthenium(II) Polypyridyl Compound. *Journal of Physical Chemistry A*, **1999**, 103, 8915-8920	2.8	35
179	Adsorption and photocatalytic degradation of human serum albumin on TiO2 and Ag/TiO2 films. *Journal of Photochemistry and Photobiology A: Chemistry*, **2011**, 222, 123-131	4.7	34
178	Ruthenium aminophenanthroline metallopolymer films electropolymerized from an ionic liquid: deposition and electrochemical and photonic properties. *Langmuir*, **2008**, 24, 11233-8	4	34
177	Photophysics of ruthenium polypyridyl complexes formed with lacunary polyoxotungstates with iron addenda. *Physical Chemistry Chemical Physics*, **2005**, 7, 3426-33	3.6	34
176	Insights into electrochemiluminescent enhancement through electrode surface modification. *Analyst, The*, **2013**, 138, 677-82	5	32
175	The application of water soluble, mega-Stokes-shifted BODIPY fluorophores to cell and tissue imaging. *Journal of Microscopy*, **2014**, 253, 204-18	1.9	31
174	Surface enhanced luminescence and Raman scattering from ferroelectrically defined Ag nanopatterned arrays. *Applied Physics Letters*, **2013**, 103, 083105	3.4	30
173	Emission enhancement within gold spherical nanocavity arrays. *Physical Chemistry Chemical Physics*, **2009**, 11, 10923-33	3.6	30
172	Synthesis, Spectroscopy and Photophysical Properties of Ruthenium Triazole Complexes and Their Application as Dye-Molecules in Regenerative Solar Cells. *European Journal of Inorganic Chemistry*, **1999**, 1999, 2309-2317	2.3	30
171	Electrochemiluminescence platform for the detection of C-reactive proteins: application of recombinant antibody technology to cardiac biomarker detection. *RSC Advances*, **2015**, 5, 67874-67877	3.7	29
170	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, 14323-32	4.3	29

169	RGD labeled Ru(II) polypyridyl conjugates for platelet integrin IIb3 recognition and as reporters of integrin conformation. *Bioconjugate Chemistry*, **2014**, 25, 928-44	6.3	29
168	The photocatalytic inactivation effect of Ag TiO2 on amyloid peptide (1 2). *Journal of Photochemistry and Photobiology A: Chemistry*, **2013**, 254, 1-11	4.7	29
167	Photocurrent generation from thin films of ruthenium metallopolymer: polyoxometalate adducts using visible excitation. *Electrochemistry Communications*, **2011**, 13, 899-902	5.1	29
166	Highly sensitive detection of NADH using electrochemiluminescent nanocomposites. *Electrochemistry Communications*, **2012**, 19, 43-45	5.1	28
165	Effect of Cavity Architecture on the Surface-Enhanced Emission from Site-Selective Nanostructured Cavity Arrays. *Journal of Physical Chemistry C*, **2012**, 116, 1784-1788	3.8	28
164	Photonic interfacial supramolecular assemblies incorporating transition metals. *Coordination Chemistry Reviews*, **2009**, 253, 1833-1853	23.2	28
163	pH Dependent photophysics and role of medium on photoinduced electron transfer between ruthenium polypyridyl complex and anthraquinone. *Inorganica Chimica Acta*, **2009**, 362, 1715-1722	2.7	28
162	Evidence for the presence of dual emission in a ruthenium(II) polypyridyl mixed ligand complex. *Chemical Communications*, **1998**, 889-890	5.8	28
161	Physical characterization and reactivity of the uranyl peroxide [UO2((2)-O2)(H2O)2] 2H2O: implications for storage of spent nuclear fuels. *Inorganic Chemistry*, **2012**, 51, 8509-15	5.1	27
160	Polypyrrole gold nanoparticle composites for highly sensitive DNA detection. *Electrochimica Acta*, **2013**, 109, 102-109	6.7	26
159	Surface enhanced resonance Raman and luminescence on plasmon active nanostructured cavities. *Applied Physics Letters*, **2010**, 97, 153110	3.4	26
158	Surface confinement and its effects on the luminescence quenching of a ruthenium-containing metallopolymer. *Analyst, The*, **2008**, 133, 753-9	5	26
157	Redox and spectroscopic orbitals in Ru(II) and Os(II) phenolate complexes. *Inorganic Chemistry*, **2002**, 41, 5721-32	5.1	25
156	Resonance Raman and Spectroelectrochemical Investigation of the Location of the Lowest Excited State in Mono- and Dinuclear Ruthenium(II) Complexes Containing Pyrazine Moieties. *Journal of Physical Chemistry A*, **1998**, 102, 5013-5018	2.8	25
155	Application of deuteriation to determine the location of the emitting state in mixed-ligand RuII polypyridyl complexes. *Journal of the Chemical Society Dalton Transactions*, **1995**, 2705-2706		25
154	Electrochemiluminescent Array to Detect Oxidative Damage in ds-DNA Using [Os(bpy)(phen-benz-COOH)]/Nafion/Graphene Films. *ACS Sensors*, **2016**, 1, 272-278	9.2	24
153	Facile Synthesis of Fluorescent Latex Nanoparticles with Selective Binding Properties Using Amphiphilic Glycosylated Polypeptide Surfactants. *Macromolecules*, **2014**, 47, 7303-7310	5.5	24
152	Template assembly of spin crossover one-dimensional nanowires. *Angewandte Chemie - International Edition*, **2012**, 51, 11995-9	16.4	24

151	Site selective surface enhanced Raman on nanostructured cavities. *Applied Physics Letters*, **2011**, 99, 033104	3.4	24
150	Unusually Fast Electron and Anion Transport Processes Observed in the Oxidation of Electrochemically Open Microcrystalline [{M(bipy)2}{M(bipy)2}(L)](PF6)2 Complexes (M, M = Ru, Os; bipy = 2,2 Bipyridyl; L = 1,4-Dihydroxy-2,5-bis(pyrazol-1-yl)benzene Dianion) at a Solid Electrode Aqueous Electrolyte Interface. *Journal of Physical Chemistry B*, **2000**, 104, 1977-1983	3.4	24
149	Micro- or nanorod and nanosphere structures derived from a series of phenyl-porphyrins. *Physical Chemistry Chemical Physics*, **2014**, 16, 4386-93	3.6	23
148	The Effect of Ag Nanoparticles on Surface-Enhanced Luminescence from Au Nanovoid Arrays. *Plasmonics*, **2013**, 8, 1567-1575	2.4	23
147	Electrochemiluminescent metallopolymer-nanoparticle composites: nanoparticle size effects. *Analytical Chemistry*, **2011**, 83, 2383-7	7.8	23
146	Fluorescence correlation and lifetime correlation spectroscopy applied to the study of supported lipid bilayer models of the cell membrane. *Methods*, **2014**, 68, 286-99	4.6	22
145	Protonation Effects on the Structure and Homogeneous Charge Transport Dynamics of Solid State Osmium Bis(bipyridyl)tetrazine Chloride Films. *Journal of Physical Chemistry B*, **2000**, 104, 6389-6396	3.4	22
144	Solvent switchable dual emission from a bichromophoric ruthenium-BODIPY complex. *Chemical Communications*, **2015**, 51, 15839-41	5.8	21
143	Host-guest directed assembly of gold nanoparticle arrays. *Langmuir*, **2010**, 26, 1325-33	4	21
142	Three colour electrochromic metallopolymer based on a ruthenium phenolate complex bound to poly(4-vinyl)pyridine. *Electrochemistry Communications*, **2008**, 10, 466-470	5.1	21
141	Modulation of Heterogeneous Electron-Transfer Dynamics Across the Electrode/Monolayer Interface. *Journal of Physical Chemistry B*, **2004**, 108, 2631-2636	3.4	21
140	Formation and growth of oxide layers at platinum and gold nano- and microelectrodes. *Analytical Chemistry*, **2010**, 82, 7135-40	7.8	20
139	Mega-stokes pyrene ceramide conjugates for STED imaging of lipid droplets in live cells. *Analyst, The*, **2019**, 144, 1608-1621	5	19
138	Aqueous-filled polymer microcavity arrays: versatile & stable lipid bilayer platforms offering high lateral mobility to incorporated membrane proteins. *Analyst, The*, **2015**, 140, 3012-8	5	19
137	Visible light sensitized photocurrent generation from electrostatically assembled thin films of [Ru(bpy)3]2+ and the polyoxometalate -[W18O54(SO4)2]4 Optimizing performance in a low electrolyte medium. *Journal of Electroanalytical Chemistry*, **2013**, 706, 93-101	4.1	19
136	Ruthenium metallopolymer: Dawson polyoxomolybdate [Mo18O54(SO4)2]4- adduct films: sensitization for visible photoelectrocatalysis. *Langmuir*, **2012**, 28, 13536-41	4	19
135	Gold nanowires and nanotubes for high sensitivity detection of pathogen DNA. *Sensors and Actuators B: Chemical*, **2015**, 215, 159-165	8.5	18
134	Electron transfer to covalently immobilized Keggin polyoxotungstates on gold. *Langmuir*, **2014**, 30, 4509-16	4	18

133	Regio-selective decoration of nanocavity metal arrays: contributions from localized and delocalized plasmons to surface enhanced Raman spectroscopy. *Physical Chemistry Chemical Physics*, **2011**, 13, 14705-14	3.6	18
132	Electronic properties of hydroquinone-containing ruthenium complexes indifferent oxidation states. *Journal of the Chemical Society Dalton Transactions*, **1997**, 1627-1632		18
131	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, 880-8	2.8	18
130	Homogeneous and Heterogeneous Electron Transfer Dynamics of Osmium-Containing Monolayers at the Air/Water Interface. *Journal of Physical Chemistry B*, **2000**, 104, 4425-4432	3.4	18
129	Tuning of the photostability of bis(2,2?-biquinoline)ruthenium(II) complexes containing pyridyltriazole ligands by variation of pH. *Inorganica Chimica Acta*, **1996**, 245, 237-242	2.7	18
128	Self assembled composites of luminescent Ru(II) metallopolymers and the Dawson polyoxometalate □[Mo18O54(SO4)2]4-. *Dalton Transactions*, **2012**, 41, 9928-37	4.3	17
127	Hole superexchange across a triazole bridged osmium monolayer/electrode interface□*Analyst, The* , **1998**, 123, 1905-1911	5	17
126	Photoinduced Charge Separation through a Negatively Charged Bridge. *Inorganic Chemistry*, **1998**, 37, 5933-5935	5.1	17
125	pH-Modulated photoinduced electron transfer in a {[ruthenium-adamantyl]□[□cyclodextrin-methylviologen]} inclusion complex. *Inorganica Chimica Acta*, **2008**, 361, 2683-2691	2.7	17
124	Electronic and photophysical properties of a novel phenol bound dinuclear ruthenium complex: evidence for a luminescent mixed valence state. *Dalton Transactions*, **2004**, 2341-6	4.3	17
123	Electronic properties of Ru(II) complexes bound to a bisphenolate bridge with low lying pi* orbitals. *Dalton Transactions*, **2004**, 334-41	4.3	17
122	Micron dimensioned cavity array supported lipid bilayers for the electrochemical investigation of ionophore activity. *Bioelectrochemistry*, **2016**, 112, 16-23	5.6	16
121	High sensitivity DNA detection based on regioselectively decorated electrocatalytic nanoparticles. *Analytical Chemistry*, **2012**, 84, 6471-6	7.8	16
120	Chemical and photoluminescence properties of purified poly(2-methoxyaniline-5-sulfonic acid) and oligomer. *Journal of Physical Chemistry B*, **2007**, 111, 12738-47	3.4	16
119	Fullerene bridged metallocyclodextrin donor-acceptor complexes: optical spectroscopy and photophysics. *Dalton Transactions*, **2006**, 1729-37	4.3	16
118	An efficient route to asymmetrically diconjugated tris(heteroleptic) complexes of Ru(II). *RSC Advances*, **2016**, 6, 40869-40877	3.7	16
117	Evaluating Metabolite-Related DNA Oxidation and Adduct Damage from Aryl Amines Using a Microfluidic ECL Array. *Analytical Chemistry*, **2017**, 89, 12441-12449	7.8	15
116	The lateral diffusion and fibrinogen induced clustering of platelet integrin □b□ reconstituted into physiologically mimetic GUVs. *Integrative Biology (United Kingdom)*, **2015**, 7, 402-11	3.7	15

115	SERS in biology/biomedical SERS: general discussion. *Faraday Discussions*, **2017**, 205, 429-456	3.6	15
114	Poly-ethylene glycol induced super-diffusivity in lipid bilayer membranes. *Soft Matter*, **2012**, 8, 8743	3.6	15
113	Protein nanopatterning and release from gold nano-cavity arrays. *Chemical Communications*, **2010**, 46, 106-8	5.8	15
112	Lipid bilayer assembly at a gold nanocavity array. *Chemical Communications*, **2011**, 47, 12530-2	5.8	15
111	Tetrazine Bridged Osmium Dimers: Electrochemical vs Photoinduced Electron Transfer *Journal of Physical Chemistry B*, **2001**, 105, 8829-8837	3.4	15
110	High efficiency electrochemiluminescence from polyaniline:ruthenium metal complex films. *Electrochemistry Communications*, **2014**, 48, 95-98	5.1	14
109	Magnetic and noble metal nanocomposites for separation and optical detection of biological species. *Physical Chemistry Chemical Physics*, **2015**, 17, 27968-80	3.6	14
108	Detection of sub-femtomolar DNA based on double potential electrodeposition of electrocatalytic platinum nanoparticles. *Analyst, The*, **2013**, 138, 4340-4	5	14
107	Interfacial supramolecular cyclodextrin-fullerene assemblies: host reorientation and guest stabilization. *Physical Chemistry Chemical Physics*, **2009**, 11, 848-56	3.6	14
106	Time-resolved spectroscopic studies of the influence of the electronic environment on the charge-transfer excited states of mono- and di-nuclear Ru(II) complexes. *Coordination Chemistry Reviews*, **1998**, 171, 323-330	23.2	14
105	Photonic and electrochemical properties of adsorbed [Ru(dpp)2(Qbpy)]2+ luminophores. *Langmuir*, **2006**, 22, 10754-61	4	14
104	Protonation Effects on Superexchange across Gold/Osmium Bis(bipyridyl) Tetrazine Chloride Monolayer Interfaces. *Journal of Physical Chemistry B*, **2001**, 105, 2792-2799	3.4	14
103	Dynamic studies of the interaction of a pH responsive, amphiphilic polymer with a DOPC lipid membrane. *Soft Matter*, **2017**, 13, 3690-3700	3.6	13
102	Mitochondrial targeted osmium polypyridyl probe shows concentration dependent uptake, localisation and mechanism of cell death. *Dalton Transactions*, **2019**, 48, 17461-17471	4.3	13
101	Surface-immobilized pyridine-functionalized gamma-cyclodextrin: alkanethiol co-adsorption-induced reorientation. *Langmuir*, **2007**, 23, 6997-7002	4	13
100	Ultramicroelectrodes **2007**, 155-171		13
99	Microcavity-Supported Lipid Bilayers; Evaluation of Drug-Lipid Membrane Interactions by Electrochemical Impedance and Fluorescence Correlation Spectroscopy. *Langmuir*, **2019**, 35, 8095-8109	4	12
98	Ground and excited state communication within a ruthenium containing benzimidazole metallopolymer. *Physical Chemistry Chemical Physics*, **2011**, 13, 7095-101	3.6	12

97	Redox induced switching dynamics of a three colour electrochromic metallopolymer film. *Electrochimica Acta*, **2008**, 53, 7033-7038	6.7	12
96	Synthesis and characterisation of ruthenium complexes containing a pendent catechol ring. *Dalton Transactions*, **2004**, 514-22	4.3	12
95	Triangular silver nanoplates: Properties and ultrasensitive detection of miRNA. *Electrochemistry Communications*, **2017**, 79, 23-27	5.1	11
94	DNA mediated immobilisation of electrocatalytic platinum nanoparticles in gold nanocavity arrays. *Chemical Communications*, **2013**, 49, 1380-2	5.8	11
93	Electrochemiluminescence properties of a carboxy functionalised BODIPY. *Electrochemistry Communications*, **2012**, 21, 46-49	5.1	11
92	Microcavity-Supported Lipid Membranes: Versatile Platforms for Building Asymmetric Lipid Bilayers and for Protein Recognition.. *ACS Applied Bio Materials*, **2019**, 2, 3404-3417	4.1	10
91	Fractal structures in n-phenyl-porphyrin J-aggregate films. *Materials Chemistry and Physics*, **2014**, 143, 963-968	4.4	10
90	Naphthyridyl-Substituted 4,4-Difluoro-4-bora-3a,4a-diaza-s-indacene (BODIPY) Luminophores: Photophysics and Application as Molecular Imaging Probes in Live Cells. *Asian Journal of Organic Chemistry*, **2013**, 2, 763-778	3	10
89	Synthesis, tailoring and characterization of silica nanoparticles containing a highly stable ruthenium complex. *Nanotechnology*, **2013**, 24, 365705	3.4	10
88	Potential modulated electrochemiluminescence of ruthenium containing metallopolymer films. *Electrochemistry Communications*, **2011**, 13, 396-398	5.1	10
87	pH effects on the rate of heterogeneous electron transfer across a fluorine doped tin oxide/monolayer interface. *Electrochemistry Communications*, **2007**, 9, 1899-1906	5.1	10
86	Electrochemiluminescent metallopolymers: Tuning the emission wavelength by energy transfer between two bound centres. *Electrochemistry Communications*, **2008**, 10, 984-986	5.1	10
85	The isolation and secondary functionalisation of the mer- and fac-isomers of tris(5-hydroxymethyl-2,2?-bipyridine) complexes of ruthenium (II). *Inorganica Chimica Acta*, **2005**, 358, 1079-1088	2.7	10
84	Macromolecular inversion-driven polymer insertion into model lipid bilayer membranes. *Journal of Colloid and Interface Science*, **2019**, 542, 483-494	9.3	9
83	Ligand capture and activation of human platelets at monolayer modified gold surfaces. *Biomaterials Science*, **2014**, 2, 1509-1520	7.4	9
82	Vapour phase polymerised polyaniline–gold nanoparticle composites for DNA detection. *Journal of Electroanalytical Chemistry*, **2013**, 711, 38-44	4.1	9
81	Strong coupling in porphyrin J-aggregate excitons and plasmons in nano-void arrays. *Optical Materials*, **2017**, 72, 680-684	3.3	9
80	Investigation of the inhibitory effects of TiO(2) on the β-amyloid peptide aggregation. *Materials Science and Engineering C*, **2014**, 39, 227-34	8.3	9

79	Highly luminescent Ru(II) metallopolymers: photonic and redox properties in solution and as thin films. *Photochemical and Photobiological Sciences*, **2012**, 11, 1547-57	4.2	9
78	Ligand switching in cell-permeable peptides: manipulation of the alpha-integrin signature motif. *ACS Chemical Biology*, **2009**, 4, 457-71	4.9	9
77	Spectroelectrochemistry **2007**, 591-635		9
76	Solid deposits of osmium bis-bipyridyl triazole chloride: Redox properties and electrocrystallisation. *Physical Chemistry Chemical Physics*, **2001**, 3, 1336-1344	3.6	9
75	Preparation of a novel □CD□imanganese complex with covalently bound photosensitizer. *Chemical Communications*, **2001**, 1156-1157	5.8	9
74	Deactivation of the ruthenium excited state by enhanced homogeneous charge transport: Implications for electrochemiluminescent thin film sensors. *Electrochemistry Communications*, **2018**, 86, 90-93	5.1	8
73	Rational design of polymeric core shell ratiometric oxygen-sensing nanostructures. *Analyst, The*, **2017**, 142, 3400-3406	5	8
72	Graphene oxide intercalation into self-assembled porphyrin J-aggregates. *Materials Research Express*, **2014**, 1, 045038	1.7	8
71	Single nanocavity electrodes: fabrication, electrochemical and photonic properties. *Chemical Communications*, **2010**, 46, 7109-11	5.8	8
70	Electrochemical desorption of fibrinogen from gold. *Langmuir*, **2010**, 26, 293-8	4	8
69	Effect of Deposition Time on the Orientation of [Ru(bpy)2Qbpy]2+ Adsorbed on Platinum. *Journal of Physical Chemistry C*, **2007**, 111, 2063-2068	3.8	8
68	Direct evidence for electrochemically induced, reversible, proton transfer involving a quinone/hydroquinone redox couple. *Journal of the Chemical Society Chemical Communications*, **1993**, 1652		8
67	Strategies to promote permeation and vectorization, and reduce cytotoxicity of metal complex luminophores for bioimaging and intracellular sensing. *RSC Chemical Biology*, **2021**, 2, 1021-1049	3	8
66	Fabrication and Optical Properties of Periodic Ag Nano-Pore and Nano-Particle Arrays with Controlled Shape and Size over Macroscopic Length Scales. *Advanced Engineering Materials*, **2018**, 20, 1700532	3.5	7
65	Electrodeposited gold-copper core-shell nanowires for high sensitivity DNA detection. *Analyst, The*, **2014**, 139, 5504-8	5	7
64	Dual function metal nanoparticles: Electrocatalysis and DNA capture. *Electrochimica Acta*, **2014**, 128, 61-66	6.7	7
63	Polypyridyl substituted BODIPY derivatives; water switchable imaging probes that exhibit halogen substituent dependent localisation in live cells. *RSC Advances*, **2017**, 7, 43743-43754	3.7	7
62	Electrochemically Triggered Release of Reagent to the Proximal Leaflet of a Microcavity Supported Lipid Bilayer. *Langmuir*, **2017**, 33, 6691-6700	4	7

61	Template Assembly of Spin Crossover One-Dimensional Nanowires. *Angewandte Chemie*, **2012**, 124, 12165-12165	9.6	7
60	Regio selective functionalisation of gold nanoparticles with DNA. *Chemical Communications*, **2012**, 48, 838-40	5.8	7
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