

Karl S Ryder

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.

140
papers

10,140
citations

43
h-index

100
g-index

154
ext. papers

12,025
ext. citations

5.5
avg. IF

6.61
L-index

#	Paper	IF	Citations
140	Catalytic dissolution of metals from printed circuit boards using a calcium chloride-based deep eutectic solvent. <i>Green Chemistry</i> , 2022 , 24, 3023-3034	10	1
139	A comparative study of the formation, and ion and solvent transport of polyaniline in protic liquid-based deep eutectic solvents and aqueous solutions using EQCM. <i>Electrochimica Acta</i> , 2022 , 140348	6.7	2
138	Lithium ion battery recycling using high-intensity ultrasonication. <i>Green Chemistry</i> , 2021 , 23, 4710-4715	10	13
137	Amidine-based ionic liquid analogues with AlCl ₃ : a credible new electrolyte for rechargeable Al batteries. <i>Chemical Communications</i> , 2021 , 57, 9834-9837	5.8	1
136	Effect of solute polarity on extraction efficiency using deep eutectic solvents. <i>Green Chemistry</i> , 2021 , 23, 5097-5105	10	14
135	Highly Efficient Defluoridation of Water through Reusable poly(aniline-co-o-aminophenol) Copolymer Modified Electrode Using Electrochemical Quartz Crystal Microbalance. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 022502	3.9	2
134	Electrogravimetric analysis of poly(aniline-co-o-toluidine) copolymer films in the presence of fluoride ions. <i>Journal of Electroanalytical Chemistry</i> , 2021 , 895, 115519	4.1	
133	Influence of different concentrations of nicotinic acid on the electrochemical fabrication of copper film from an ionic liquid based on the complexation of choline chloride-ethylene glycol. <i>Journal of Electroanalytical Chemistry</i> , 2021 , 897, 115581	4.1	1
132	Corrosion of iron, nickel and aluminium in deep eutectic solvents. <i>Electrochimica Acta</i> , 2021 , 397, 139284-7	4.7	3
131	Experimental Visualization of Commercial Lithium Ion Battery Cathodes: Distinguishing Between the Microstructure Components Using Atomic Force Microscopy. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 14622-14631	3.8	4
130	Evidence supporting an emulsion polymerisation mechanism for the formation of polyaniline. <i>Electrochimica Acta</i> , 2020 , 354, 136737	6.7	11
129	Gamma-phase Zn-Ni alloy deposition by pulse-electroplating from a modified deep eutectic solution. <i>Surface and Coatings Technology</i> , 2020 , 403, 126434	4.4	4
128	The importance of design in lithium ion battery recycling – a critical review. <i>Green Chemistry</i> , 2020 , 22, 7585-7603	10	62
127	Effects of additives on the electrodeposition of ZnSn alloys from choline chloride/ethylene glycol-based deep eutectic solvent. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 874, 114517	4.1	8
126	Separation of iron(III), zinc(II) and lead(II) from a choline chloride-ethylene glycol deep eutectic solvent by solvent extraction. <i>RSC Advances</i> , 2020 , 10, 33161-33170	3.7	12
125	Influence of additives on the electrodeposition of zinc from a deep eutectic solvent. <i>Electrochimica Acta</i> , 2019 , 304, 118-130	6.7	47
124	Effect of water on the electrodeposition of copper on nickel in deep eutectic solvents. <i>Transactions of the Institute of Metal Finishing</i> , 2019 , 97, 321-329	1.3	16

123	Chapter 10:Environmentally Sustainable Solvent-based Process Chemistry for Metals in Printed Circuit Boards. <i>Issues in Environmental Science and Technology</i> , 2019 , 278-312	0.7	1
122	Recycling lithium-ion batteries from electric vehicles. <i>Nature</i> , 2019 , 575, 75-86	50.4	735
121	Shifting Desulfurization Equilibria in Ionic Liquid/Oil Mixtures. <i>Energy & Fuels</i> , 2019 , 33, 1106-1113	4.1	6
120	Effect of electrochemical control function on the internal structure and composition of electrodeposited polypyrrole films: A neutron reflectometry study. <i>Electrochimica Acta</i> , 2019 , 295, 978-988	6.7	5
119	Redox fusion of metal particles using deep eutectic solvents. <i>Chemical Communications</i> , 2018 , 54, 3049-3052	3.5	6
118	Electrochemical deposition of silver and copper from a deep eutectic solvent studied using time-resolved neutron reflectivity. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 819, 511-523	4.1	10
117	Bristed acidity in deep eutectic solvents and ionic liquids. <i>Faraday Discussions</i> , 2018 , 206, 365-377	3.6	47
116	Real-time in situ dynamic sub-surface imaging of multi-component electrodeposited films using event mode neutron reflectivity. <i>Faraday Discussions</i> , 2018 , 210, 429-449	3.6	5
115	Electropolishing of nickel and cobalt in deep eutectic solvents. <i>Transactions of the Institute of Metal Finishing</i> , 2018 , 96, 200-205	1.3	26
114	Study of silver electrodeposition in deep eutectic solvents using atomic force microscopy. <i>Transactions of the Institute of Metal Finishing</i> , 2018 , 96, 297-303	1.3	7
113	Bright metal coatings from sustainable electrolytes: the effect of molecular additives on electrodeposition of nickel from a deep eutectic solvent. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 3219-3231	3.6	46
112	Plating Protocols 2017 , 469-482		
111	Technical Aspects 2017 , 401-468		1
110	Synthesis of Ionic Liquids 2017 , 17-53		2
109	Thermodynamics of phase transfer for polar molecules from alkanes to deep eutectic solvents. <i>Fluid Phase Equilibria</i> , 2017 , 448, 99-104	2.5	42
108	Liquid pharmaceuticals formulation by eutectic formation. <i>Fluid Phase Equilibria</i> , 2017 , 448, 2-8	2.5	64
107	Electropolishing and electrolytic etching of Ni-based HIP consolidated aerospace forms: a comparison between deep eutectic solvents and aqueous electrolytes. <i>Transactions of the Institute of Metal Finishing</i> , 2017 , 95, 137-146	1.3	15
106	Fundamental aspects of electrochemically controlled wetting of nanoscale composite materials. <i>Faraday Discussions</i> , 2017 , 199, 75-99	3.6	18

105	Lubrication studies of some type III deep eutectic solvents (DESS) 2017 ,		7
104	Electrochemical deposition of bismuth telluride thick layers onto nickel. <i>Electrochemistry Communications</i> , 2016 , 66, 1-4	5.1	16
103	Quantitative, In Situ Visualization of Metal-Ion Dissolution and Transport Using ¹ H Magnetic Resonance Imaging. <i>Angewandte Chemie</i> , 2016 , 128, 9540-9543	3.6	1
102	Quantitative, In Situ Visualization of Metal-Ion Dissolution and Transport Using (¹ H) Magnetic Resonance Imaging. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 9394-7	16.4	25
101	Electrodeposition of copper in alloys using deep eutectic solvents. <i>Transactions of the Institute of Metal Finishing</i> , 2016 , 94, 104-113	1.3	40
100	A Comparative Study of Nickel Electrodeposition Using Deep Eutectic Solvents and Aqueous Solutions. <i>Electrochimica Acta</i> , 2015 , 176, 718-726	6.7	106
99	Electrochemistry and speciation of Au(+) in a deep eutectic solvent: growth and morphology of galvanic immersion coatings. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 30540-50	3.6	17
98	Anodic dissolution of metals in ionic liquids. <i>Progress in Natural Science: Materials International</i> , 2015 , 25, 595-602	3.6	77
97	Pyridine imines as ligands in luminescent iridium complexes. <i>Dalton Transactions</i> , 2014 , 43, 4026-39	4.3	19
96	Aluminium electrodeposition under ambient conditions. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 14675-81	3.6	108
95	Speciation, physical and electrolytic properties of eutectic mixtures based on CrCl ₃ ·6H ₂ O and urea. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 9047-55	3.6	91
94	Deep eutectic solvents (DESS) and their applications. <i>Chemical Reviews</i> , 2014 , 114, 11060-82	68.1	2938
93	Evaluating water miscible deep eutectic solvents (DESS) and ionic liquids as potential lubricants. <i>Green Chemistry</i> , 2014 , 16, 4156-4161	10	105
92	EXAFS study into the speciation of metal salts dissolved in ionic liquids and deep eutectic solvents. <i>Inorganic Chemistry</i> , 2014 , 53, 6280-8	5.1	119
91	Removal of casting defects from CMSX-4 and CMSX-10 alloys by electropolishing in a novel electrolyte; Deep Eutectic Solvent. <i>MATEC Web of Conferences</i> , 2014 , 14, 13007	0.3	2
90	Electrochemical and transport properties of ethaline containing copper and tin chloride. <i>Transactions of the Institute of Metal Finishing</i> , 2014 , 92, 41-46	1.3	19
89	High cycling stability of zinc-anode/conducting polymer rechargeable battery with non-aqueous electrolyte. <i>Journal of Power Sources</i> , 2014 , 248, 1099-1104	8.9	72
88	Application of the combined electrochemical quartz crystal microbalance and probe beam deflection technique in deep eutectic solvents. <i>Electrochimica Acta</i> , 2014 , 135, 42-51	6.7	25

87	Nanoscale control of interfacial processes for latent fingerprint enhancement. <i>Faraday Discussions</i> , 2013 , 164, 391-410	3.6	14
86	Ion transfer dynamics of poly(3,4-ethylenedioxythiophene) films in deep eutectic solvents. <i>Electrochimica Acta</i> , 2013 , 110, 418-427	6.7	11
85	Electroplating Using Ionic Liquids. <i>Annual Review of Materials Research</i> , 2013 , 43, 335-358	12.8	186
84	In situ electrochemical digital holographic microscopy; a study of metal electrodeposition in deep eutectic solvents. <i>Analytical Chemistry</i> , 2013 , 85, 6653-60	7.8	32
83	Ligand exchange in ionic systems and its effect on silver nucleation and growth. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 17314-23	3.6	25
82	Mechanism for Formation of Surface Scale during Directional Solidification of Ni-Base Superalloys. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2012 , 43, 1288-1302 ²⁻³	2.3	21
81	The electrodeposition of silver composites using deep eutectic solvents. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 2443-9	3.6	129
80	Salt modified starch: sustainable, recyclable plastics. <i>Green Chemistry</i> , 2012 , 14, 1302	10	55
79	Advanced surface protection for improved reliability PCB systems (ASPIS). <i>Circuit World</i> , 2012 , 38, 21-29	0.7	10
78	Ion Transfer Mechanisms Accompanying p-Doping of Poly(3,4-Ethylenedioxythiophene) Films in Deep Eutectic Solvents. <i>Zeitschrift Fur Physikalische Chemie</i> , 2012 , 226, 1049-1068	3.1	10
77	Electrolytic processing of superalloy aerospace castings using choline chloride-based ionic liquids. <i>Transactions of the Institute of Metal Finishing</i> , 2012 , 90, 9-14	1.3	25
76	Ionic Liquids: Potential Electrolytes for Electrochemical Applications. <i>International Journal of Electrochemistry</i> , 2012 , 2012, 1-2	2.4	3
75	Analysis of surface scale on the Ni-based superalloy CMSX-10N and proposed mechanism of formation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2012 , 27, 012038	0.4	3
74	Glycerol eutectics as sustainable solvent systems. <i>Green Chemistry</i> , 2011 , 13, 82-90	10	539
73	Ionometallurgy: designer redox properties for metal processing. <i>Chemical Communications</i> , 2011 , 47, 10031-3	5.8	106
72	Processing of metals and metal oxides using ionic liquids. <i>Green Chemistry</i> , 2011 , 13, 471	10	247
71	Double layer effects on metal nucleation in deep eutectic solvents. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 10224-31	3.6	113
70	Tuning emission wavelength and redox properties through position of the substituent in iridium(III) cyclometallated complexes. <i>Dalton Transactions</i> , 2011 , 40, 1028-30	4.3	53

69	Do all ionic liquids need organic cations? Characterisation of [AlCl ₂ ImAmide] ⁺ AlCl ₄ ⁽⁻⁾ and comparison with imidazolium based systems. <i>Chemical Communications</i> , 2011 , 47, 3523-5	5.8	159
68	The effect of additives on zinc electrodeposition from deep eutectic solvents. <i>Electrochimica Acta</i> , 2011 , 56, 5272-5279	6.7	154
67	Pilot trials of immersion silver deposition using a choline chloride based ionic liquid. <i>Circuit World</i> , 2010 , 36, 3-9	0.7	18
66	Metal finishing with ionic liquids: scale-up and pilot plants from IONMET consortium. <i>Transactions of the Institute of Metal Finishing</i> , 2010 , 88, 285-293	1.3	26
65	Double layer, diluent and anode effects upon the electrodeposition of aluminium from chloroaluminate based ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 1862-72	3.6	79
64	Structure and dynamics of phospholipid bilayer films under electrochemical control. <i>Faraday Discussions</i> , 2010 , 145, 357-379	3.6	22
63	Lubrication of Steel/Steel Contacts by Choline Chloride Ionic Liquids. <i>Tribology Letters</i> , 2010 , 37, 103-110	0.8	55
62	Electrolytic deposition of Zn coatings from ionic liquids based on choline chloride. <i>Transactions of the Institute of Metal Finishing</i> , 2009 , 87, 201-207	1.3	76
61	Metal chelation and spatial profiling of components in crown ether functionalised conducting copolymer films. <i>Electrochimica Acta</i> , 2009 , 55, 439-450	6.7	7
60	Electrolytic Metal Coatings and Metal Finishing Using Ionic Liquids. <i>ECS Transactions</i> , 2009 , 16, 47-63	1	17
59	Use of neutron reflectivity to measure the dynamics of solvation and structural changes in polyvinylferrocene films during electrochemically controlled redox cycling. <i>Langmuir</i> , 2009 , 25, 4093-103	1.4	27
58	Time resolved in situ liquid atomic force microscopy and simultaneous acoustic impedance electrochemical quartz crystal microbalance measurements: a study of Zn deposition. <i>Analytical Chemistry</i> , 2009 , 81, 8466-71	7.8	42
57	Nanogravimetric observation of unexpected ion exchange characteristics for polypyrrole film p-doping in a deep eutectic ionic liquid. <i>Chemical Communications</i> , 2009 , 935-7	5.8	26
56	Electrodeposition of copper composites from deep eutectic solvents based on choline chloride. <i>Physical Chemistry Chemical Physics</i> , 2009 , 11, 4269-77	3.6	257
55	Metal complexation in ionic liquids. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2008 , 104, 21		56
54	Electrodeposition of nickel using eutectic based ionic liquids. <i>Transactions of the Institute of Metal Finishing</i> , 2008 , 86, 234-240	1.3	131
53	Electrofinishing of metals using eutectic based ionic liquids. <i>Transactions of the Institute of Metal Finishing</i> , 2008 , 86, 196-204	1.3	125
52	Sustained electroless deposition of metallic silver from a choline chloride-based ionic liquid. <i>Surface and Coatings Technology</i> , 2008 , 202, 2033-2039	4.4	85

51	Electroless deposition of metallic silver from a choline chloride-based ionic liquid: a study using acoustic impedance spectroscopy, SEM and atomic force microscopy. <i>Physical Chemistry Chemical Physics</i> , 2007 , 9, 3735-43	3.6	97
50	Determining compositional profiles within conducting polymer films following reaction with vapor phase reagents. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 4043-53	3.4	6
49	Spectroelectrochemical responses of thin-film conducting copolymers prepared electrochemically from mixtures of 3,4-ethylenedioxythiophene and 2,2'-bithiophene. <i>Physical Chemistry Chemical Physics</i> , 2007 , 9, 6098-105	3.6	7
48	Eutectic-based ionic liquids with metal-containing anions and cations. <i>Chemistry - A European Journal</i> , 2007 , 13, 6495-501	4.8	383
47	Quartz crystal microbalance determination of trace metal ions in solution. <i>Journal of Electroanalytical Chemistry</i> , 2007 , 599, 275-287	4.1	20
46	Electrodeposition of zinc in alloys from deep eutectic solvents based on choline chloride. <i>Journal of Electroanalytical Chemistry</i> , 2007 , 599, 288-294	4.1	344
45	Application of hole theory to define ionic liquids by their transport properties. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 4910-3	3.4	321
44	Electropolishing and Electroplating of Metals Using Ionic Liquids Based on Choline Chloride. <i>ACS Symposium Series</i> , 2007 , 186-197	0.4	11
43	Voltammetric and impedance studies of the electropolishing of type 316 stainless steel in a choline chloride based ionic liquid. <i>Electrochimica Acta</i> , 2006 , 51, 4420-4425	6.7	156
42	Electropolishing of stainless steels in a choline chloride based ionic liquid: an electrochemical study with surface characterisation using SEM and atomic force microscopy. <i>Physical Chemistry Chemical Physics</i> , 2006 , 8, 4214-21	3.6	137
41	A Model for a Lipid Membrane Stabilized by C-H...X Bonds: The Crystal Structure of the Paraffinic Ylide Trimethylammonium-Hexadecylsulfonamidate CH ₃ (CH ₂) ₁₅ SO ₂ N ⁺ (Me) ₃ . <i>Crystal Growth and Design</i> , 2005 , 5, 361-364	3.5	5
40	Evaluating the influence of deposition conditions on solvation of reactive conducting polymers with neutron reflectivity. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 14335-43	3.4	14
39	Time-scale- and temperature-dependent mechanical properties of viscoelastic poly(3,4-ethylenedioxythiophene) films. <i>Journal of the American Chemical Society</i> , 2005 , 127, 16611-20	16.4	56
38	N-Benzyl-2,5-bis(2-thienyl)pyrrole. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2004 , 60, 0166-8		7
37	?Activated? polypyrrole electrodes for high-power supercapacitor applications. <i>Solid State Ionics</i> , 2004 , 169, 51-57	3.3	76
36	ladder-doped polypyrrole: a possible electrode material for inclusion in electrochemical supercapacitors?. <i>Journal of Power Sources</i> , 2004 , 129, 107-112	8.9	50
35	The solid-state reaction of a functionalised polypyrrole; analysis using high resolution X-ray photoelectron spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2004 , 6, 2403	3.6	6
34	A topochemically active diynol. The effect of temperature on the crystal structure of 6-hydroxyhexadiynyl benzoate, PhC(O)OCH ₂ CC≡CCCH ₂ OH. <i>CrystEngComm</i> , 2004 , 6, 280-283	3.3	1

- 33 The chiral oxime of 13H-dibenzo(a,i)fluoren-13-one. *Canadian Journal of Chemistry*, **2004**, 82, 1625-1628 0.9 0
- 32 Dynamic in situ electrochemical neutron reflectivity measurements. *Journal of the American Chemical Society*, **2004**, 126, 15362-3 16.4 35
- 31 (2RS)-5,6:7,8-Dibenzobicyclo[2.2.2]octan-2-ol. *Acta Crystallographica Section C: Crystal Structure Communications*, **2003**, 59, o283-5
- 30 1,1-bis(phenylsulfonyl)-1-(pyridinio)methanide. *Acta Crystallographica Section C: Crystal Structure Communications*, **2003**, 59, o376-7
- 29 Self-recognition and hydrogen bonding by polycyclic bridgehead monoalcohols. *Organic and Biomolecular Chemistry*, **2003**, 1, 700-4 3.9 9
- 28 The low-temperature phase transition of 9-methylfluoren-9-ol: comparison of the crystal structures at 100 and 200 K. *Acta Crystallographica Section C: Crystal Structure Communications*, **2002**, 58, o615-8
- 27 Synthesis, characterization and polymerization of a pyrrole-based chiral liquid crystal. *Journal of Materials Science Letters*, **2002**, 21, 595-597 6
- 26 Pyrrole and polypyrrole-based liquid crystals containing azobenzene mesogenic groups. *Journal of Materials Chemistry*, **2002**, 12, 579-585 31
- 25 XPS assaying of electrodeposited copolymer composition to optimise sensor materials. *Journal of Electron Spectroscopy and Related Phenomena*, **2001**, 121, 131-148 1.7 13
- 24 Unusual synthesis and crystal structure of 4-tricyclanol. *Tetrahedron Letters*, **2001**, 42, 319-322 2 5
- 23 Pyrrole- and polypyrrole-based liquid crystals. *Journal of Materials Chemistry*, **2001**, 11, 990-995 18
- 22 Temporal and spatial profiling of the modification of an electroactive polymeric interface using neutron reflectivity. *Analytical Chemistry*, **2001**, 73, 5596-606 7.8 20
- 21 13H-dibenzo. *Acta Crystallographica Section C: Crystal Structure Communications*, **2000**, 56 (Pt 5), 570-1 2
- 20 Strategies towards functionalised electronically conducting organic copolymers: Part 2. Copolymerisation. *Journal of Materials Chemistry*, **2000**, 10, 1785-1793 22
- 19 Strategies towards functionalised electronically conducting organic copolymers. *Journal of Materials Chemistry*, **2000**, 10, 107-114 39
- 18 Structure and conductivity in substituted polypyrroles. Part 1. Synthesis and electropolymerization of N-trimethylsilyloxyethyl-3-methyl-4-pyrrole carboxylate ethyl ester. *Polymer International*, **1998**, 47, 43-49 3.3 9
- 17 13H-Dibenzo[a,g]fluoren-13-one. *Acta Crystallographica Section C: Crystal Structure Communications*, **1998**, 54, 1542-1544 1
- 16 A Sultone Derived from Racemic Camphene. *Acta Crystallographica Section C: Crystal Structure Communications*, **1998**, 54, 1546-1548 0

15	A Viable Route to exo-2-Benzyliminobornan-3-ol: A Key Intermediate in the Synthesis of a Chiral Auxiliary. <i>Synthesis</i> , 1997 , 1997, 620-622	2.9	5
14	Role of conducting polymeric interfaces in promoting biological electron transfer. <i>Biosensors and Bioelectronics</i> , 1997 , 12, 721-7	11.8	17
13	Tailored Polymers To Probe the Nature of the Bioelectrochemical Interface. <i>Langmuir</i> , 1996 , 12, 5681-5688		17
12	Functionalisation and characterisation of novel conducting polymer interfaces. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 1471		16
11	A bio-electronic interface using functionalised conducting poly(pyrroles). <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 697		19
10	Bioinorganic reaction centres on electrodes. Modified electrodes possessing amino acid, peptide and ferredoxin-type groups on a poly(pyrrole) backbone. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994 , 2181		28
9	IronSulfur clusters in ionic polymers on electrodes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993 , 3695-3703		12
8	Synthesis and anodic polymerisation of an L-cystine derivatised pyrrole; copolymerisation with a tetraalkylammonium pyrrole allows reduction of the cystinyl film to a cysteinyl state that binds electroactive {Fe4S4}2+ centres. <i>Journal of the Chemical Society Chemical Communications</i> , 1992 , 694		19
7	Poly(1-vinylimidazole-co-4-aminostyrene): steric stabilizer for polyaniline colloids. <i>Polymer</i> , 1991 , 32, 2456-2460	3.9	43
6	Electron-transfer reactions in nitrogen fixation. Part 2. The electrosynthesis of ammonia: identification and estimation of products. <i>Journal of the Chemical Society Dalton Transactions</i> , 1986 , 1453		62
5	Barrel electroplating of Zn-Ni alloy coatings from a modified deep eutectic solvent. <i>Transactions of the Institute of Metal Finishing</i> , 1-9	1.3	
4	Technical Aspects 287-351		3
3	Plating Protocols 353-367		1
2	Synthesis of Ionic Liquids 15-46		7
1	Electrodeposition of Metals 83-123		13