

George Z Chen

List of Publications by Year in descending order

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269
papers

18,430
citations

9786

73
h-index

14759

127
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all docs

286
docs citations

286
times ranked

14734
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of photoconversion efficiency and light harvesting ability of TiO ₂ nanotube-arrays with Cu ₂ ZnSnS ₄ . International Journal of Hydrogen Energy, 2022, 47, 31003-31013.	7.1	3
2	Perspective“Redox Ionic Liquid Electrolytes for Supercapattery. Journal of the Electrochemical Society, 2022, 169, 030529.	2.9	6
3	Enhanced Performance of Silicon Negative Electrodes Compositd with Titanium Carbide Based MXenes for Lithium-Ion Batteries. Nanoenergy Advances, 2022, 2, 165-196.	7.7	5
4	The role of 1-octyl-3-methylimidazolium hexafluorophosphate in anticorrosion coating formula development. Journal of Saudi Chemical Society, 2022, 26, 101446.	5.2	3
5	Design and optimization of electrochemical cell potential for hydrogen gas production. Journal of Energy Chemistry, 2021, 52, 421-427.	12.9	60
6	Quasi-solid-state electrolyte for rechargeable high-temperature molten salt iron-air battery. Energy Storage Materials, 2021, 35, 142-147.	18.0	10
7	Charge Storage Properties of Aqueous Halide Supercapatteries with Activated Carbon and Graphene Nanoplatelets as Active Electrode Materials. Energy and Environmental Materials, 2021, 4, 481-491.	12.8	3
8	Nanomaterials Enhanced Heat Storage in Molten Salts. , 2021, , 153-169.		0
9	Yttria-Stabilized Zirconia Assisted Green Electrochemical Preparation of Silicon from Solid Silica in Calcium Chloride Melt. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2021, 52, 1708-1715.	2.1	0
10	Mechanisms and Product Options of Magnesiothermic Reduction of Silica to Silicon for Lithium-Ion Battery Applications. Frontiers in Energy Research, 2021, 9, .	2.3	16
11	Indirect electrosynthesis of ammonia from nitrogen and water by a magnesium chloride cycle at atmospheric pressure. Cell Reports Physical Science, 2021, 2, 100425.	5.6	3
12	Rheological study and printability investigation of titania inks for Direct Ink Writing process. Ceramics International, 2021, 47, 12020-12027.	4.8	16
13	High Yield and Packing Density Activated Carbon by One-Step Molecular Level Activation of Hydrophilic Pomelo Peel for Supercapacitors. Journal of the Electrochemical Society, 2021, 168, 060521.	2.9	4
14	Review“recent advances in non-aqueous liquid electrolytes containing fluorinated compounds for high energy density lithium-ion batteries. Energy Storage Materials, 2021, 38, 542-570.	18.0	72
15	Nano-channel-based physical and chemical synergic regulation for dendrite-free lithium plating. Nano Research, 2021, 14, 3585-3597.	10.4	17
16	Current progress on catalytic oxidation of toluene: a review. Environmental Science and Pollution Research, 2021, 28, 62030-62060.	5.3	38
17	Honeycombed activated carbon with greatly increased specific surface by direct activation of glucose for supercapacitors. Journal of Alloys and Compounds, 2021, 883, 160907.	5.5	9
18	A composite surface configuration towards improving cycling stability of Li-rich layered oxide materials. Journal of Materials Chemistry A, 2021, 9, 24426-24437.	10.3	17

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19	Carbon-emcoating architecture boosts lithium storage of Nb2O5. Science China Materials, 2021, 64, 1071-1086.	6.3	7
20	Linear and non-linear pseudocapacitances with or without diffusion control. Progress in Natural Science: Materials International, 2021, 31, 792-800.	4.4	35
21	Silicon prepared by electro-reduction in molten salts as new energy materials. Journal of Energy Chemistry, 2020, 47, 46-61.	12.9	31
22	Enhancing hydrogen production from steam electrolysis in molten hydroxides via selection of non-precious metal electrodes. International Journal of Hydrogen Energy, 2020, 45, 28260-28271.	7.1	56
23	Controllable synthesis of hierarchical micro/nano structured FePO4 particles under synergistic effects of ultrasound irradiation and impinging stream. Advanced Powder Technology, 2020, 31, 4292-4300.	4.1	4
24	Electrochemical Production of Sustainable Hydrocarbon Fuels from CO ₂ Co-electrolysis in Eutectic Molten Melts. ACS Sustainable Chemistry and Engineering, 2020, 8, 12877-12890.	6.7	82
25	Sustainable Conversion of Carbon Dioxide into Diverse Hydrocarbon Fuels via Molten Salt Electrolysis. ACS Sustainable Chemistry and Engineering, 2020, 8, 19178-19188.	6.7	11
26	The effect of variable operating parameters for hydrocarbon fuel formation from CO ₂ by molten salts electrolysis. Journal of CO ₂ Utilization, 2020, 40, 101193.	6.8	77
27	Effects of Pore Widening vs Oxygenation on Capacitance of Activated Carbon in Aqueous Sodium Sulfate Electrolyte. Journal of the Electrochemical Society, 2020, 167, 040524.	2.9	7
28	Synergetic treatment of dye contaminated wastewater using microparticles functionalized with carbon nanotubes/titanium dioxide nanocomposites. RSC Advances, 2020, 10, 9210-9225.	3.6	20
29	Nanoporous Versus Nanoparticulate Carbon-Based Materials for Capacitive Charge Storage. Energy and Environmental Materials, 2020, 3, 247-264.	12.8	36
30	Environmental assessment of the near-net-shape electrochemical metallisation process and the Kroll-electron beam melting process for titanium manufacture. Green Chemistry, 2020, 22, 1952-1967.	9.0	9
31	Supercapatteries as High-Performance Electrochemical Energy Storage Devices. Electrochemical Energy Reviews, 2020, 3, 271-285.	25.5	118
32	Invention and fundamentals of the FFC Cambridge Process. , 2020, , 227-286.		9
33	A Co9S8 microsphere and N-doped carbon nanotube composite host material for lithium-sulfur batteries. Journal of Alloys and Compounds, 2020, 826, 154201.	5.5	32
34	Electrochemical study of different membrane materials for the fabrication of stable, reproducible and reusable reference electrode. Journal of Energy Chemistry, 2020, 49, 33-41.	12.9	76
35	Microfluidic formation of highly monodispersed multiple cored droplets using needle-based system in parallel mode. Electrophoresis, 2020, 41, 891-901.	2.4	17
36	Interactions of molten salts with cathode products in the FFC Cambridge Process. International Journal of Minerals, Metallurgy and Materials, 2020, 27, 1572-1587.	4.9	32

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37	Supercapattery: Merit merge of capacitive and Nernstian charge storage mechanisms. <i>Current Opinion in Electrochemistry</i> , 2020, 21, 358-367.	4.8	25
38	New Precursors Derived Activated Carbon and Graphene for Aqueous Supercapacitors with Unequal Electrode Capacitances. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2020, 36, 1904025-0.	4.9	27
39	P3HT:ZnS Based Photovoltaic Devices with Enhanced Performance Assisted by Oxidised Carbon Nanotubes. <i>ECS Transactions</i> , 2020, 98, 225-232.	0.5	0
40	P3HT:ZnS Based Photovoltaic Devices with Enhanced Performance Assisted by Oxidised Carbon Nanotubes. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 1951-1951.	0.0	0
41	Molten Salts Based Electrochemical Approach to Regenerative Fuels. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 2953-2953.	0.0	0
42	(Invited) Faradaic Charge Storage and Supercapattery Explained. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 610-610.	0.0	0
43	Dental Resin Monomer Enables Unique NbO ₂ /Carbon Lithium-Ion Battery Negative Electrode with Exceptional Performance. <i>Advanced Functional Materials</i> , 2019, 29, 1904961.	14.9	26
44	Mechano-Fenton-Piranha Oxidation of Carbon Nanotubes for Energy Application. <i>Advanced Sustainable Systems</i> , 2019, 3, 1900065.	5.3	14
45	A novel holey-LFP / graphene / holey-LFP sandwich nanostructure with significantly improved rate capability for lithium storage. <i>Electrochimica Acta</i> , 2019, 320, 134566.	5.2	6
46	Inter-Particle Electronic and Ionic Modifications of the Ternary Ni-Co-Mn Oxide for Efficient and Stable Lithium Storage. <i>Journal of the Electrochemical Society</i> , 2019, 166, A3162-A3167.	2.9	4
47	Synthesis and performance optimisation of spray coated Cu ₂ ZnSnS ₄ absorbing layers from single-source xanthate precursors. <i>Thin Solid Films</i> , 2019, 690, 137530.	1.8	4
48	Electrochemical investigation of novel reference electrode Ni/Ni(OH) ₂ , in comparison with silver and platinum inert quasi-reference electrodes for electrolysis in eutectic molten hydroxide. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 27224-27236.	7.1	70
49	Anion-Binding-Induced Electrochemical Signal Transduction in Ferrocenylimidazolium: Combined Electrochemical Experimental and Theoretical Investigation. <i>Molecules</i> , 2019, 24, 238.	3.8	2
50	Physicochemical and Electrochemical Properties of 1,1,2,2-tetrafluoroethyl-2,3,3-tetrafluoropropyl Ether as a Solvent for High Voltage Lithium-Ion Electrolytes. <i>ChemElectroChem</i> , 2019, 6, 3747-3755.	3.4	28
51	Assessment of toxicity reduction in ZnS substituted CdS:P3HT bulk heterojunction solar cells fabricated using a single-source precursor deposition. <i>Sustainable Energy and Fuels</i> , 2019, 3, 948-955.	4.9	4
52	Ionic Liquid-Based Electrolytes for Supercapacitor and Supercapattery. <i>Frontiers in Chemistry</i> , 2019, 7, 272.	3.6	140
53	Highly-dispersed nickel nanoparticles decorated titanium dioxide nanotube array for enhanced solar light absorption. <i>Applied Surface Science</i> , 2019, 464, 716-724.	6.1	16
54	Polymer Composites with Functionalized Carbon Nanotube and Graphene. , 2019, , 211-248.		16

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55	High Throughput Fabrication of Microdroplets Using Needle Based Microfluidic System. , 2019, , .		1
56	Molecular level one-step activation of agar to activated carbon for high performance supercapacitors. Carbon, 2018, 132, 573-579.	10.3	85
57	A Rechargeable High-Temperature Molten Salt Iron-Oxygen Battery. ChemSusChem, 2018, 11, 1880-1886.	6.8	15
58	Lithium Bis(fluorosulfony)imide-Lithium Hexafluorophosphate Binary Salt Electrolytes for Lithium-Ion Batteries: Aluminum Corrosion Behaviors and Electrochemical Properties. ChemistrySelect, 2018, 3, 1954-1960.	1.5	21
59	Controllable synthesis of (NH ₄)Fe ₂ (PO ₄) ₂ (OH)·2H ₂ O using two-step route: Ultrasonic-intensified impinging stream pre-treatment followed by hydrothermal treatment. Ultrasonics Sonochemistry, 2018, 42, 452-463.	8.2	15
60	Development of the Fray-Farthing-Chen Cambridge Process: Towards the Sustainable Production of Titanium and Its Alloys. Jom, 2018, 70, 129-137.	1.9	52
61	Optimal Utilization of Combined Double Layer and Nernstian Charging of Activated Carbon Electrodes in Aqueous Halide Supercapattery through Capacitance Unequalization. Journal of the Electrochemical Society, 2018, 165, A4067-A4076.	2.9	27
62	Cross-linked Ni(OH) ₂ /CuCo ₂ S ₄ /Ni networks as binder-free electrodes for high performance supercapatteries. Nanoscale, 2018, 10, 20526-20532.	5.6	41
63	Microfluidic fabrication of porous polydimethylsiloxane microparticles for the treatment of toluene-contaminated water. Microfluidics and Nanofluidics, 2018, 22, 1.	2.2	21
64	Synthesis of Polydimethylsiloxane Microspheres Using Microfluidics for Treatment of Toluene in Wastewater. , 2018, , .		1
65	Yttria-Stabilized Zirconia Aided Electrochemical Investigation on Ferric Ions in Mixed Molten Calcium and Sodium Chlorides. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2018, 49, 2794-2808.	2.1	12
66	(Invited) Interaction of Anions with Partially Oxidized Carbon Nanotubes and the Influence on the Performance of Polypyrrole-Carbon Nanotube Composite Electrodes. ECS Meeting Abstracts, 2018, , .	0.0	0
67	Rapid preparation of high electrochemical performance LiFePO ₄ /C composite cathode material with an ultrasonic-intensified micro-impinging jetting reactor. Ultrasonics Sonochemistry, 2017, 39, 816-826.	8.2	17
68	Synthesis and applications of MOF-derived porous nanostructures. Green Energy and Environment, 2017, 2, 218-245.	8.7	301
69	Magnesia-stabilised zirconia solid electrolyte assisted electrochemical investigation of iron ions in a SiO ₂ -CaO-MgO-Al ₂ O ₃ molten slag at 1723 K. Physical Chemistry Chemical Physics, 2017, 19, 15876-15890.	2.8	8
70	Electrolytes for electrochemical energy storage. Materials Chemistry Frontiers, 2017, 1, 584-618.	5.9	203
71	Oxidation Decomposition Mechanism of Fluoroethylene Carbonate-Based Electrolytes for High-Voltage Lithium Ion Batteries: A DFT Calculation and Experimental Study. ChemistrySelect, 2017, 2, 7353-7361.	1.5	36
72	Highly Efficient Sulfonic/Carboxylic Dual-Acid Synergistic Catalysis for Esterification Enabled by Sulfur-Rich Graphene Oxide. ChemSusChem, 2017, 10, 3352-3357.	6.8	21

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73	Faradaic processes beyond Nernst's law: density functional theory assisted modelling of partial electron delocalisation and pseudocapacitance in graphene oxides. <i>Chemical Communications</i> , 2017, 53, 10414-10417.	4.1	26
74	Fluorinated Electrolytes for Li-Ion Batteries: The Lithium Difluoro(oxalato)borate Additive for Stabilizing the Solid Electrolyte Interphase. <i>ACS Omega</i> , 2017, 2, 8741-8750.	3.5	55
75	Advances on transition metal oxides catalysts for formaldehyde oxidation: A review. <i>Catalysis Reviews - Science and Engineering</i> , 2017, 59, 189-233.	12.9	93
76	Mechanisms and Designs of Asymmetrical Electrochemical Capacitors. <i>Electrochimica Acta</i> , 2017, 247, 344-357.	5.2	60
77	Supercapacitor and supercapattery as emerging electrochemical energy stores. <i>International Materials Reviews</i> , 2017, 62, 173-202.	19.3	518
78	Conducting Polymer Nanocomposite-Based Supercapacitors. <i>Springer Series on Polymer and Composite Materials</i> , 2017, , 269-304.	0.7	2
79	Effect of the Changed Electrolytic Cell on the Current Efficiency in FFC Cambridge Process. <i>Materials Transactions</i> , 2017, 58, 322-325.	1.2	7
80	Advanced Extractive Electrometallurgy. , 2017, , 801-834.		3
81	Research Progress and Perspectives on High Voltage, Flame Retardant Electrolytes for Lithium-Ion Batteries. <i>Acta Chimica Sinica</i> , 2017, 75, 1183.	1.4	9
82	Esterification of fatty acids from waste cooking oil to biodiesel over a sulfonated resin/PVA composite. <i>Catalysis Science and Technology</i> , 2016, 6, 5590-5598.	4.1	15
83	Smart solar concentrators for building integrated photovoltaic façades. <i>Solar Energy</i> , 2016, 133, 111-118.	6.1	51
84	Nitrogen-doped graphene guided formation of monodisperse microspheres of LiFePO_4 nanoplates as the positive electrode material of lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 12065-12072.	10.3	75
85	Redox electrode materials for supercapatteries. <i>Journal of Power Sources</i> , 2016, 326, 604-612.	7.8	185
86	More sustainable electricity generation in hot and dry fuel cells with a novel hybrid membrane of Nafion/nano-silica/hydroxyl ionic liquid. <i>Applied Energy</i> , 2016, 175, 451-458.	10.1	48
87	Highlights from liquid salts for energy and materials – Faraday Discussion, Ningbo, China, 11–13 May 2016. <i>Chemical Communications</i> , 2016, 52, 12538-12554.	4.1	7
88	Polypyrrole/TiO ₂ nanotube arrays with coaxial heterogeneous structure as sulfur hosts for lithium sulfur batteries. <i>Journal of Power Sources</i> , 2016, 327, 447-456.	7.8	74
89	Improvements of energy conversion and storage: general discussion. <i>Faraday Discussions</i> , 2016, 190, 291-306.	3.2	4
90	Developments for nuclear reactors and spent fuels processing: general discussion. <i>Faraday Discussions</i> , 2016, 190, 399-419.	3.2	0

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91	Benefits to energy efficiency and environmental impact: general discussion. Faraday Discussions, 2016, 190, 161-204.	3.2	2
92	Advancement in knowledge of phenomena and processes: general discussion. Faraday Discussions, 2016, 190, 525-549.	3.2	0
93	Cuprous oxide/titanium dioxide nanotube-array with coaxial heterogeneous structure synthesized by multiple-cycle chemical adsorption plus reduction method. RSC Advances, 2016, 6, 59160-59168.	3.6	2
94	Highly efficient photoanodes based on cascade structural semiconductors of Cu ₂ Se/CdSe/TiO ₂ : a multifaceted approach to achieving microstructural and compositional control. Journal of Materials Chemistry A, 2016, 4, 1336-1344.	10.3	14
95	Electrochemical manufacturing of nanocarbons from carbon dioxide in molten alkali metal carbonate salts: roles of alkali metal cations. Advances in Manufacturing, 2016, 4, 23-32.	6.1	20
96	Developing energy efficient lignin biomass processing towards understanding mediator behaviour in ionic liquids. Faraday Discussions, 2016, 190, 127-145.	3.2	13
97	Electrolysis of metal oxides in MgCl ₂ -based molten salts with an inert graphite anode. Faraday Discussions, 2016, 190, 85-96.	3.2	26
98	Capacitive and non-capacitive faradaic charge storage. Electrochimica Acta, 2016, 206, 464-478.	5.2	236
99	Bipolarly stacked electrolyser for energy and space efficient fabrication of supercapacitor electrodes. Journal of Power Sources, 2016, 307, 208-213.	7.8	9
100	High energy supercapattery with an ionic liquid solution of LiClO ₄ . Faraday Discussions, 2016, 190, 231-240.	3.2	54
101	Organoaqueous calcium chloride electrolytes for capacitive charge storage in carbon nanotubes at sub-zero-temperatures. Chemical Communications, 2015, 51, 10819-10822.	4.1	24
102	Environmental and energy gains from using molten magnesium-sodium-potassium chlorides for electro-metallisation of refractory metal oxides. Progress in Natural Science: Materials International, 2015, 25, 650-653.	4.4	7
103	The FFC Cambridge process and its relevance to valorisation of ilmenite and titanium-rich slag. Institutions of Mining and Metallurgy Transactions Section C: Mineral Processing and Extractive Metallurgy, 2015, 124, 96-105.	0.6	17
104	Redox Electrolytes in Supercapacitors. Journal of the Electrochemical Society, 2015, 162, A5054-A5059.	2.9	394
105	Cell voltage versus electrode potential range in aqueous supercapacitors. Scientific Reports, 2015, 5, 9854.	3.3	117
106	Electrochemical Preparation of Fine Powders of Nickel-Boron Alloys in Molten Chlorides for Magnetic Hydrogenation Catalysts. Journal of the Electrochemical Society, 2015, 162, H271-H277.	2.9	6
107	Correlation of energy storage performance of supercapacitor with iso-propanol improved wettability of aqueous electrolyte on activated carbon electrodes of various apparent densities. Applied Energy, 2015, 159, 39-50.	10.1	26
108	Titanium carbide nanocube core induced interfacial growth of crystalline polypyrrole/polyvinyl alcohol lamellar shell for wide-temperature range supercapacitors. Journal of Power Sources, 2015, 274, 1118-1125.	7.8	47

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109	Influences of graphite anode area on electrolysis of solid metal oxides in molten salts. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 3317-3325.	2.5	12
110	(Invited) An Overview of the REFINE Project --- The Sustainable Reduction of Spent Fuel Vital in a Closed Loop Nuclear Energy Cycle. <i>ECS Transactions</i> , 2014, 64, 585-592.	0.5	2
111	Assessing the accuracy of loss estimation methods for supercapacitor energy storage devices operating under constant power cycling. , 2014, , .		3
112	Molten Salt Assisted Electrochemical Separation of Spent Fuel Surrogates by Partial Direct Reduction and Selective Anodic Dissolution. <i>ECS Transactions</i> , 2014, 64, 333-350.	0.5	1
113	Role of surface contaminants, functionalities, defects and electronic structure: general discussion. <i>Faraday Discussions</i> , 2014, 172, 365-395.	3.2	1
114	Electro-deposition and re-oxidation of carbon in carbonate-containing molten salts. <i>Faraday Discussions</i> , 2014, 172, 105-116.	3.2	78
115	Produced water treatment technologies. <i>International Journal of Low-Carbon Technologies</i> , 2014, 9, 157-177.	2.6	468
116	Indirect electrochemical reduction of carbon dioxide to carbon nanopowders in molten alkali carbonates: Process variables and product properties. <i>Carbon</i> , 2014, 73, 163-174.	10.3	122
117	Influences of ions and temperature on performance of carbon nano-particulates in supercapacitors with neutral aqueous electrolytes. <i>Particuology</i> , 2014, 15, 9-17.	3.6	47
118	A sunlight assisted dual purpose photoelectrochemical cell for low voltage removal of heavy metals and organic pollutants in wastewater. <i>Chemical Engineering Journal</i> , 2014, 244, 411-421.	12.7	34
119	The many faces of carbon in electrochemistry: general discussion. <i>Faraday Discussions</i> , 2014, 172, 117-137.	3.2	4
120	Preparation of Mo nanopowders through electroreduction of solid MoS ₂ in molten KCl-NaCl. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 19514-19521.	2.8	37
121	Achieving low voltage half electrolysis with a supercapacitor electrode. <i>Energy and Environmental Science</i> , 2014, 7, 1018-1022.	30.8	9
122	Carbon electrodeposition in molten salts: electrode reactions and applications. <i>RSC Advances</i> , 2014, 4, 35808-35817.	3.6	110
123	Carbon electrode interfaces for synthesis, sensing and electrocatalysis: general discussion. <i>Faraday Discussions</i> , 2014, 172, 497-520.	3.2	1
124	Carbon electrodes for energy storage: general discussion. <i>Faraday Discussions</i> , 2014, 172, 239-260.	3.2	11
125	Cryo-solvatochromism in ionic liquids. <i>RSC Advances</i> , 2014, 4, 40281-40285.	3.6	9
126	Investigation of electrochemical reduction of GeO ₂ to Ge in molten CaCl ₂ -NaCl. <i>Electrochimica Acta</i> , 2014, 147, 352-359.	5.2	27

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127	Electrochemical fabrication of porous Sn/SnSb negative electrodes from mixed SnO ₂ •Sb ₂ O ₃ . <i>Electrochemistry Communications</i> , 2014, 38, 36-39.	4.7	23
128	Understanding supercapacitors based on nano-hybrid materials with interfacial conjugation. <i>Progress in Natural Science: Materials International</i> , 2013, 23, 245-255.	4.4	245
129	Near-Net-Shape Production of Hollow Titanium Alloy Components via Electrochemical Reduction of Metal Oxide Precursors in Molten Salts. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2013, 44, 272-282.	2.1	32
130	Up-scalable and controllable electrolytic production of photo-responsive nanostructured silicon. <i>Journal of Materials Chemistry A</i> , 2013, 1, 10243.	10.3	72
131	A PRS model for accurate prediction of the optimal solid oxide cathode structure for the preparation of metals in molten chlorides. <i>Electrochemistry Communications</i> , 2013, 26, 33-36.	4.7	25
132	A comparative study of anodic oxidation of bromide and chloride ions on platinum electrodes in 1-butyl-3-methylimidazolium hexafluorophosphate. <i>Journal of Electroanalytical Chemistry</i> , 2013, 688, 371-378.	3.8	27
133	Liquid diffusion of the instantaneously released oxygen ion in the electrolytic porous Fe from solid Fe ₂ O ₃ in molten CaCl ₂ . <i>Electrochimica Acta</i> , 2013, 107, 261-268.	5.2	19
134	Forming metal powders by electrolysis. , 2013, , 19-41.		5
135	Electrochemical Near-Net-Shape Production Via the FFC Cambridge Process -- Dedication to the Special Session for the 2012 Max Bredig Award. <i>ECS Transactions</i> , 2013, 50, 29-37.	0.5	2
136	From Electrochemical Capacitors to Supercapatteries. <i>Green</i> , 2012, 2, 41-54.	0.4	31
137	A Robust Alumina Membrane Reference Electrode for High Temperature Molten Salts. <i>Journal of the Electrochemical Society</i> , 2012, 159, H740-H746.	2.9	24
138	Evaluation of a digitally controlled power electronic emulator for supercapacitor. , 2012, , .		0
139	1.9 V aqueous carbon•carbon supercapacitors with unequal electrode capacitances. <i>Electrochimica Acta</i> , 2012, 86, 248-254.	5.2	113
140	20 V stack of aqueous supercapacitors with carbon (•), titanium bipolar plates and CNT•polypyrrole composite (+). <i>AIChE Journal</i> , 2012, 58, 974-983.	3.6	34
141	Interfacial Synthesis: Amphiphilic Monomers Assisted Ultrarefining of Mesoporous Manganese Oxide Nanoparticles and the Electrochemical Implications. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 3120-3129.	8.0	44
142	Chloride ion enhanced thermal stability of carbon dioxide captured by monoethanolamine in hydroxyl imidazolium based ionic liquids. <i>Energy and Environmental Science</i> , 2011, 4, 2125.	30.8	75
143	Synthesis, Characterization, and Electrochemical Properties of Diruthenium Complexes Bridged by Anthraquinones. <i>Organometallics</i> , 2011, 30, 1830-1837.	2.3	25
144	Theoretical specific capacitance based on charge storage mechanisms of conducting polymers: Comment on •Vertically oriented arrays of polyaniline nanorods and their super electrochemical properties•™. <i>Chemical Communications</i> , 2011, 47, 4105.	4.1	159

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145	Electrolysis of solid metal sulfide to metal and sulfur in molten NaCl–KCl. <i>Electrochemistry Communications</i> , 2011, 13, 1492-1495.	4.7	82
146	Carbon nanotube/titanium dioxide (CNT/TiO ₂) core–shell nanocomposites with tailored shell thickness, CNT content and photocatalytic/photoelectrocatalytic properties. <i>Applied Catalysis B: Environmental</i> , 2011, 110, 50-57.	20.2	184
147	Processing Nanomaterials in Molten Salts: Partially Electrometallized TiO ₂ as Pt Support for Enhanced Catalytic Oxidation of CO and CH ₃ OH. <i>Chemistry - A European Journal</i> , 2011, 17, 8562-8567.	3.3	6
148	Utilisation of Carbon Dioxide for Electro-Carburisation of Mild Steel in Molten Carbonate Salts. <i>Journal of the Electrochemical Society</i> , 2011, 158, H1117.	2.9	39
149	Nanocomposites of manganese oxides and carbon nanotubes for aqueous supercapacitor stacks. <i>Electrochimica Acta</i> , 2010, 55, 7447-7453.	5.2	69
150	Metal–Oxide Molar Volume Ratio: The Overlooked Barrier to Solid-State Electroreduction and a “Green” Bypass through Recyclable NH ₄ HCO ₃ . <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3203-3206.	13.8	56
151	A Golden Episode Continues Fenton’s Colorful Story. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5413-5415.	13.8	11
152	Rationalisation and optimisation of solid state electro-reduction of SiO ₂ to Si in molten CaCl ₂ in accordance with dynamic three-phase interlines based voltammetry. <i>Journal of Electroanalytical Chemistry</i> , 2010, 639, 130-140.	3.8	86
153	Microstructures of Electro-Carburized Mild Steels. <i>ECS Transactions</i> , 2010, 33, 193-203.	0.5	0
154	Cyclic Voltammetry of ZrO ₂ Powder in the Metallic Cavity Electrode in Molten CaCl ₂ . <i>Journal of the Electrochemical Society</i> , 2010, 157, F1.	2.9	39
155	Nanostructured materials for the construction of asymmetrical supercapacitors. <i>Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy</i> , 2010, 224, 479-503.	1.4	69
156	Cyclic Voltammetry of Solid TiO ₂ in Molten Alkali Chlorides. <i>ECS Transactions</i> , 2010, 33, 273-276.	0.5	2
157	Unequalisation of electrode capacitances for enhanced energy capacity in asymmetrical supercapacitors. <i>Energy and Environmental Science</i> , 2010, 3, 1499.	30.8	158
158	Electrodeposition of Nonconducting Polymers: Roles of Carbon Nanotubes in the Process and Products. <i>ACS Nano</i> , 2010, 4, 4274-4282.	14.6	45
159	Electrochemical Considerations in Supercapacitors with Nanocomposites. <i>ECS Transactions</i> , 2010, 33, 107-116.	0.5	3
160	Solid State Electro-Reduction in Liquid Salts. <i>ECS Transactions</i> , 2009, 16, 205-210.	0.5	1
161	Solar–thermochromism of Pseudocrystalline Nanodroplets of Ionic Liquid–Ni ^{II} Complexes Immobilized inside Translucent Microporous PVDF Films. <i>Advanced Materials</i> , 2009, 21, 776-780.	21.0	59
162	Cyclic voltammetry of electroactive and insulative compounds in solid state: A revisit of AgCl in aqueous solutions assisted by metallic cavity electrode and chemically modified electrode. <i>Journal of Electroanalytical Chemistry</i> , 2009, 627, 28-40.	3.8	30

#	ARTICLE	IF	CITATIONS
163	Carbon nanotubes/titanium dioxide (CNTs/TiO ₂) nanocomposites prepared by conventional and novel surfactant wrapping sol-gel methods exhibiting enhanced photocatalytic activity. Applied Catalysis B: Environmental, 2009, 89, 503-509.	20.2	276
164	Affordable electrolytic ferrotitanium alloys with marine engineering potentials. Journal of Alloys and Compounds, 2009, 482, 320-327.	5.5	15
165	Direct and low energy electrolytic co-reduction of mixed oxides to zirconium-based multi-phase hydrogen storage alloys in molten salts. Journal of Materials Chemistry, 2009, 19, 2803.	6.7	34
166	Selecting the power electronic interface for a supercapattery based energy storage system. , 2009, , .		2
167	Individual and Bipolarly Stacked Asymmetrical Aqueous Supercapacitors of CNTs/SnO ₂ and CNTs/MnO ₂ Nanocomposites. Journal of the Electrochemical Society, 2009, 156, A846.	2.9	110
168	Phase-Tunable Fabrication of Consolidated (Ti±Zr)-TiZr Alloys for Biomedical Applications through Molten Salt Electrolysis of Solid Oxides. Chemistry of Materials, 2009, 21, 5187-5195.	6.7	31
169	Distinct element modelling of cubic particle packing and flow. Powder Technology, 2008, 186, 224-240.	4.2	110
170	Eight-electron oxidation of borohydride at potentials negative to reversible hydrogen electrode. Journal of Power Sources, 2008, 185, 892-894.	7.8	15
171	The measurement of specific capacitances of conducting polymers using the quartz crystal microbalance. Journal of Electroanalytical Chemistry, 2008, 612, 140-146.	3.8	94
172	Photo-electro-catalysis enhancement on carbon nanotubes/titanium dioxide (CNTs/TiO ₂) composite prepared by a novel surfactant wrapping sol-gel method. Applied Catalysis B: Environmental, 2008, 85, 17-23.	20.2	139
173	Manganese oxide based materials for supercapacitors. Energy Materials, 2008, 3, 186-200.	0.1	129
174	Carbon nanotube and conducting polymer composites for supercapacitors. Progress in Natural Science: Materials International, 2008, 18, 777-788.	4.4	647
175	Thermo-solvatochromism of chloro-nickel complexes in 1-hydroxyalkyl-3-methyl-imidazolium cation based ionic liquids. Green Chemistry, 2008, 10, 296.	9.0	74
176	Switching on Fast Lithium Ion Conductivity in Garnets: The Structure and Transport Properties of Li ₃ Nd ₃ Te ₂ Sb ₁₂ O ₁₂ . Chemistry of Materials, 2008, 20, 2360-2369.	6.7	118
177	Solid state reactions: an electrochemical approach in molten salts. Annual Reports on the Progress of Chemistry Section C, 2008, 104, 189.	4.4	92
178	Computer-aided control of electrolysis of solid Nb ₂ O ₅ in molten CaCl ₂ . Physical Chemistry Chemical Physics, 2008, 10, 1809.	2.8	39
179	Internally referenced analysis of charge-transfer reactions in a new ferrocenyl bithiophenic conducting polymer through cyclic voltammetry. Chemical Communications, 2008, , 6606.	4.1	25
180	Electrochemical Conversion of Oxide Precursors to Consolidated Zr and Zr _{2.5} Nb Tubes. Chemistry of Materials, 2008, 20, 7274-7280.	6.7	50

#	ARTICLE	IF	CITATIONS
181	Electrochemical Methods to Enhance the Capacitance in Activated Carbon/Polyaniline Composites. <i>Journal of the Electrochemical Society</i> , 2008, 155, A672.	2.9	53
182	An Asymmetrical Supercapacitor Based on CNTs/SnO ₂ and CNTs/MnO ₂ Nanocomposites Working at 1.7 V in Aqueous Electrolyte. <i>ECS Transactions</i> , 2008, 16, 153-162.	0.5	12
183	Roles of Cationic and Elemental Calcium in the Electro-Reduction of Solid Metal Oxides in Molten Calcium Chloride. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2007, 62, 292-302.	1.5	37
184	More affordable electrolytic LaNi ₅ -type hydrogen storage powders. <i>Chemical Communications</i> , 2007, , 2515.	4.1	48
185	Thin Pellets: Fast Electrochemical Preparation of Capacitor Tantalum Powders. <i>Chemistry of Materials</i> , 2007, 19, 153-160.	6.7	80
186	Three-Phase Interlines Electrochemically Driven into Insulator Compounds: A Penetration Model and Its Verification by Electroreduction of Solid AgCl. <i>Chemistry - A European Journal</i> , 2007, 13, 604-612.	3.3	82
187	A comparative study on electrochemical co-deposition and capacitance of composite films of conducting polymers and carbon nanotubes. <i>Electrochimica Acta</i> , 2007, 53, 525-537.	5.2	339
188	Achieving high electrode specific capacitance with materials of low mass specific capacitance: Potentiostatically grown thick micro-nanoporous PEDOT films. <i>Electrochemistry Communications</i> , 2007, 9, 83-88.	4.7	152
189	Electro-reduction of cuprous chloride powder to copper nanoparticles in an ionic liquid. <i>Electrochemistry Communications</i> , 2007, 9, 1374-1381.	4.7	65
190	Electrolysis of solid MoS ₂ in molten CaCl ₂ for Mo extraction without CO ₂ emission. <i>Electrochemistry Communications</i> , 2007, 9, 1951-1957.	4.7	65
191	Nanoscale Microelectrochemical Cells on Carbon Nanotubes. <i>Small</i> , 2007, 3, 1513-1517.	10.0	285
192	Study on the reduction of highly porous TiO ₂ precursors and thin TiO ₂ layers by the FFC-Cambridge process. <i>Journal of Materials Science</i> , 2007, 42, 7494-7501.	3.7	43
193	Structure and Ionic-Transport Properties of Lithium-Containing Garnets Li ₃ Ln ₃ Te ₂ O ₁₂ (Ln = Y, Pr, Nd.) <i>Tj ETQq1 1 0,784314 rgBT /Ov</i>	6.7	118
194	Carbon nanotube stabilised emulsions for electrochemical synthesis of porous nanocomposite coatings of poly[3,4-ethylene-dioxythiophene]. <i>Chemical Communications</i> , 2006, , 4629.	4.1	86
195	Extraction of titanium from different titania precursors by the FFC Cambridge process. <i>Journal of Alloys and Compounds</i> , 2006, 420, 37-45.	5.5	111
196	A direct electrochemical route from oxide precursors to the terbium-nickel intermetallic compound TbNi ₅ . <i>Electrochimica Acta</i> , 2006, 51, 5785-5793.	5.2	59
197	Electrolytic synthesis of TbFe ₂ from Tb ₄ O ₇ and Fe ₂ O ₃ powders in molten CaCl ₂ . <i>Journal of Electroanalytical Chemistry</i> , 2006, 589, 139-147.	3.8	42
198	Electrolytic reduction of mixed solid oxides in molten salts for energy efficient production of the TiNi alloy. <i>Science Bulletin</i> , 2006, 51, 2535-2540.	1.7	44

#	ARTICLE	IF	CITATIONS
199	Improvement of the glass-forming ability of Zr ₅₅ Cu ₃₀ Al ₁₀ Ni ₅ and Cu ₄₇ Ti ₃₄ Zr ₁₁ Ni ₈ alloys by electro-deoxidation of the melts. <i>Scripta Materialia</i> , 2006, 55, 87-90.	5.2	23
200	A Direct Electrochemical Route from Ilmenite to Hydrogen-Storage Ferrotitanium Alloys. <i>Chemistry - A European Journal</i> , 2006, 12, 5075-5081.	3.3	66
201	Assisted Electrochemical Reduction of Solid TiO ₂ in Molten CaCl ₂ . <i>Angewandte Chemie - International Edition</i> , 2006, 45, 428-432.	13.8	115
202	Electrochemical Metallization of Solid Terbium Oxide. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2384-2388.	13.8	87
203	Electrochemically Driven Three-Phase Interlines into Insulator Compounds: Electroreduction of Solid SiO ₂ in Molten CaCl ₂ . <i>ChemPhysChem</i> , 2006, 7, 1750-1758.	2.1	155
204	A morphological study of the FFC chromium and titanium powders. <i>Institutions of Mining and Metallurgy Transactions Section C: Mineral Processing and Extractive Metallurgy</i> , 2006, 115, 49-54.	0.6	20
205	A quartz sealed Ag/AgCl reference electrode for CaCl ₂ based molten salts. <i>Journal of Electroanalytical Chemistry</i> , 2005, 579, 321-328.	3.8	79
206	Unusual anodic behaviour of chloride ion in 1-butyl-3-methylimidazolium hexafluorophosphate. <i>Electrochemistry Communications</i> , 2005, 7, 685-691.	4.7	53
207	Electrochemical Synthesis of LiTiO ₂ and LiTi ₂ O ₄ in Molten LiCl. <i>ChemInform</i> , 2005, 36, no.	0.0	1
208	Metallic Cavity Electrodes for Investigation of Powders. <i>Journal of the Electrochemical Society</i> , 2005, 152, E328.	2.9	83
209	Tuning the maximum absorption wavelengths of phthalocyanine derivatives. <i>Journal of Porphyrins and Phthalocyanines</i> , 2005, 09, 32-39.	0.8	13
210	Electrochemistry at Conductor/Insulator/Electrolyte Three-Phase Interlines: A Thin Layer Model. <i>Journal of Physical Chemistry B</i> , 2005, 109, 14043-14051.	2.6	138
211	A study of the film formation kinetics on zinc in different acidic corrosion inhibitor solutions by quartz crystal microbalance. <i>Corrosion Science</i> , 2005, 47, 2157-2172.	6.6	42
212	Electrochemical fabrication and capacitance of composite films of carbon nanotubes and polyaniline. <i>Journal of Materials Chemistry</i> , 2005, 15, 2297.	6.7	167
213	Voltammetric Studies of Through-Space and Through-Bond Electrostatic Interactions in Alkyl Linked Ferrocene and Benzoaza-15-crown-5 Receptor Molecules in Acetonitrile. <i>Journal of Physical Chemistry B</i> , 2005, 109, 10658-10667.	2.6	12
214	Controlling the nanostructure of electrochemically grown nanoporous composites of carbon nanotubes and conducting polymers. <i>Composites Science and Technology</i> , 2004, 64, 2325-2331.	7.8	68
215	Direct electrolytic preparation of chromium powder. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2004, 35, 223-233.	2.1	184
216	Electrochemical Preparation of Silicon and Its Alloys from Solid Oxides in Molten Calcium Chloride. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 733-736.	13.8	188

#	ARTICLE	IF	CITATIONS
217	Intramolecular Electrostatics: Coulomb's Law at Sub-Nanometers. <i>ChemPhysChem</i> , 2004, 5, 1623-1629.	2.1	13
218	Redox deposition of manganese oxide on graphite for supercapacitors. <i>Electrochemistry Communications</i> , 2004, 6, 499-504.	4.7	193
219	Studies of deposition of and charge storage in polypyrrole- α -chloride and polypyrrole- α -carbon nanotube composites with an electrochemical quartz crystal microbalance. <i>Journal of Electroanalytical Chemistry</i> , 2004, 568, 135-142.	3.8	76
220	Electrochemical removal of oxygen for processing glass-forming alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004, 375-377, 240-243.	5.6	11
221	Toward optimisation of electrolytic reduction of solid chromium oxide to chromium powder in molten chloride salts. <i>Electrochimica Acta</i> , 2004, 49, 2195-2208.	5.2	135
222	Circuit elements in carbon nanotube-polymer composites. <i>Carbon</i> , 2004, 42, 1707-1712.	10.3	39
223	Reduction of titanium and other metal oxides using electrodeoxidation. <i>Materials Science and Technology</i> , 2004, 20, 295-300.	1.6	95
224	Electrochemical Synthesis of LiTiO_2 and LiTi_2O_4 in Molten LiCl . <i>Chemistry of Materials</i> , 2004, 16, 4324-4329.	6.7	55
225	Electrochemical Fabrication of Nickel Manganese Gallium Alloy Powder. <i>Advanced Engineering Materials</i> , 2003, 5, 650-653.	3.5	45
226	Electrolytic, TEM and Raman studies on the production of carbon nanotubes in molten NaCl . <i>Carbon</i> , 2003, 41, 1127-1141.	10.3	41
227	Superconducting Nb_3Sn intermetallics made by electrochemical reduction of Nb_2O_5 - SnO_2 oxides. <i>Physica C: Superconductivity and Its Applications</i> , 2003, 387, 242-246.	1.2	34
228	Bis(calix[4]diquinone) Receptors: Cs^+ and Rb^+ -Selective Redox-Active Ionophores. <i>Journal of the American Chemical Society</i> , 2003, 125, 5774-5785.	13.7	60
229	Characterizing the Dopant Behavior of Functionalized Carbon Nanotubes in Conducting Polymers. <i>Materials Research Society Symposia Proceedings</i> , 2003, 788, 12111.	0.1	0
230	The Effect of Nanotube Loading and Dispersion on the Three-Dimensional Nanostructure of Carbon Nanotube-Conducting Polymer Composite Films. <i>Materials Research Society Symposia Proceedings</i> , 2002, 739, 531.	0.1	2
231	Electrochemical Removal of Oxygen in amorphous $\text{Zr}_{55}\text{Cu}_{30}\text{Al}_{10}\text{Ni}_5$. <i>Materials Research Society Symposia Proceedings</i> , 2002, 754, 1.	0.1	0
232	Electrochemical Capacitance of a Nanoporous Composite of Carbon Nanotubes and Polypyrrole. <i>Chemistry of Materials</i> , 2002, 14, 1610-1613.	6.7	554
233	Fe-Filled Carbon Nanotubes: μm^2 Nano-electromagnetic Inductors. <i>Chemistry of Materials</i> , 2002, 14, 4505-4508.	6.7	58
234	Voltammetric Studies of the Oxygen-Titanium Binary System in Molten Calcium Chloride. <i>Journal of the Electrochemical Society</i> , 2002, 149, E455.	2.9	112

#	ARTICLE	IF	CITATIONS
235	Electrochemical Capacitance of Nanocomposite Films Formed by Coating Aligned Arrays of Carbon Nanotubes with Polypyrrole. <i>Advanced Materials</i> , 2002, 14, 382.	21.0	303
236	Niobium based intermetallics as a source of high-current/high magnetic field superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2002, 372-376, 1315-1320.	1.2	34
237	A feasibility study of scaling-up the electrolytic production of carbon nanotubes in molten salts. <i>Electrochimica Acta</i> , 2002, 48, 91-102.	5.2	42
238	Electrochemical investigation of lithium intercalation into graphite from molten lithium chloride. <i>Journal of Electroanalytical Chemistry</i> , 2002, 530, 16-22.	3.8	51
239	Fe-filled carbon nanotube-polystyrene: RCL composites. <i>Chemical Physics Letters</i> , 2002, 366, 42-50.	2.6	26
240	A low resistance boron-doped carbon nanotube-polystyrene composite. <i>Journal of Materials Chemistry</i> , 2001, 11, 2482-2488.	6.7	89
241	Synthesis and Electrochemical Polymerisation of Calix[4]pyrroles Containing <i>N</i> -substituted Pyrrole Moieties. <i>Supramolecular Chemistry</i> , 2001, 13, 557-563.	1.2	8
242	Doping and Electrochemical Capacitance of Carbon Nanotube-Polypyrrole Composite Films. <i>Materials Research Society Symposia Proceedings</i> , 2001, 703, 1.	0.1	1
243	Cathodic deoxygenation of the alpha case on titanium and alloys in molten calcium chloride. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2001, 32, 1041-1052.	2.1	156
244	Cesium- and Rubidium-Selective Redox-Active Bis(calix[4]diquinone) Ionophores. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2265-2268.	13.8	26
245	Title is missing!. <i>Journal of Applied Electrochemistry</i> , 2001, 31, 155-164.	2.9	59

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#	ARTICLE	IF	CITATIONS
253	Electrolytic conversion of graphite to carbon nanotubes in fused salts. <i>Journal of Electroanalytical Chemistry</i> , 1998, 446, 1-6.	3.8	70
254	Lower-rim ferrocenyl substituted calixarenes: New electrochemical sensors for anions. <i>Polyhedron</i> , 1998, 17, 405-412.	2.2	80
255	ELECTROCHEMICAL INVESTIGATION OF THE FORMATION OF CARBON NANOTUBES IN MOLTEN SALTS. <i>High Temperature Material Processes</i> , 1998, 2, 459-469.	0.6	35
256	New Ionophoric Calix[4]diquinones: Coordination Chemistry, Electrochemistry, and X-ray Crystal Structures. <i>Inorganic Chemistry</i> , 1997, 36, 5880-5893.	4.0	86
257	New Bis- and Tris-Ferrocenyl and Tris-Benzoyl Lower-rim Substituted Calix[5]arene Esters: Synthesis, Electrochemistry and X-ray Crystal Structures. <i>Supramolecular Chemistry</i> , 1996, 7, 241-255.	1.2	13
258	Synthesis and Characterization of Novel Acyclic, Macrocyclic, and Calix[4]arene Ruthenium(II) Bipyridyl Receptor Molecules That Recognize and Sense Anions. <i>Inorganic Chemistry</i> , 1996, 35, 5868-5879.	4.0	175
259	Electrochemical response to anions in acetonitrile by neutral molecular receptors containing ferrocene, amide and amine moieties. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 97.	1.7	38
260	Transition metal cation and phosphate anion electrochemical recognition in water by new polyaza ferrocene macrocyclic ligands. <i>Inorganica Chimica Acta</i> , 1996, 246, 143-150.	2.4	73
261	Asymmetrical complexation and simultaneous electrochemical recognition of two different group 2 metal cations by a 1,1'-ferrocene-bis(methylene aza-18-crown-6) receptor. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1995, 91, 4331-4333.	1.7	16
262	Diester-calix[4]arene-diquinone complexation and electrochemical recognition of group 1 and 2, ammonium and alkyl ammonium guest cations. <i>Tetrahedron</i> , 1994, 50, 931-940.	1.9	60
263	Electrochemical recognition of group 1 and 2 metal cations by redox-active ionophores. <i>Inorganica Chimica Acta</i> , 1994, 225, 137-144.	2.4	38
264	Anion recognition by novel ruthenium(II) bipyridyl calix[4]arene receptor molecules. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 1269.	2.0	73
265	Selective electrochemical recognition of the dihydrogen phosphate anion in the presence of hydrogen sulfate and chloride ions by new neutral ferrocene anion receptors. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 1834.	2.0	126
266	Spectroscopic and electrochemical studies of charge transfer in modified electrodes. <i>Faraday Discussions of the Chemical Society</i> , 1989, 88, 247.	2.2	143
267	Ferrocene Sensors. , 0, , 281-318.		19
268	The Effect of Cooling Rate in Molten Salt Electro-Carburisation Process. <i>Advanced Materials Research</i> , 0, 576, 264-267.	0.3	4
269	Fundamental Consideration for Electrochemical Engineering of Supercapattery. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	8