

# Armando Gennaro

## List of Publications by Year in descending order

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141  
papers

9,650  
citations

30070

54  
h-index

38395

95  
g-index

144  
all docs

144  
docs citations

144  
times ranked

6099  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemically Mediated Atom Transfer Radical Polymerization. <i>Science</i> , 2011, 332, 81-84.	12.6	724
2	Mechanism of Photoinduced Metal-Free Atom Transfer Radical Polymerization: Experimental and Computational Studies. <i>Journal of the American Chemical Society</i> , 2016, 138, 2411-2425.	13.7	384
3	Electrochemically mediated atom transfer radical polymerization (eATRP). <i>Progress in Polymer Science</i> , 2017, 69, 47-78.	24.7	295
4	Reversible-Deactivation Radical Polymerization in the Presence of Metallic Copper. A Critical Assessment of the SARA ATRP and SET-LRP Mechanisms. <i>Macromolecules</i> , 2013, 46, 8749-8772.	4.8	276
5	Ab Initio Evaluation of the Thermodynamic and Electrochemical Properties of Alkyl Halides and Radicals and Their Mechanistic Implications for Atom Transfer Radical Polymerization. <i>Journal of the American Chemical Society</i> , 2008, 130, 12762-12774.	13.7	274
6	SARA ATRP or SET-LRP. End of controversy?. <i>Polymer Chemistry</i> , 2014, 5, 4409.	3.9	266
7	Nitrogen and sulfur doped mesoporous carbon as metal-free electrocatalysts for the in situ production of hydrogen peroxide. <i>Carbon</i> , 2015, 95, 949-963.	10.3	252
8	Thermodynamic Components of the Atom Transfer Radical Polymerization Equilibrium: Quantifying Solvent Effects. <i>Macromolecules</i> , 2009, 42, 6348-6360.	4.8	215
9	Controlled Aqueous Atom Transfer Radical Polymerization with Electrochemical Generation of the Active Catalyst. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11391-11394.	13.8	205
10	Aqueous RDRP in the Presence of Cu <sup>0</sup> : The Exceptional Activity of Cu <sup>I</sup> Confirms the SARA ATRP Mechanism. <i>Macromolecules</i> , 2014, 47, 560-570.	4.8	187
11	Understanding the Fundamentals of Aqueous ATRP and Defining Conditions for Better Control. <i>Macromolecules</i> , 2015, 48, 6862-6875.	4.8	184
12	Estimation of Standard Reduction Potentials of Halogen Atoms and Alkyl Halides. <i>Journal of Physical Chemistry B</i> , 2011, 115, 678-684.	2.6	175
13	Solubility and electrochemical determination of CO <sub>2</sub> in some dipolar aprotic solvents. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1990, 289, 203-215.	0.1	170
14	Single and Multiple Doping in Graphene Quantum Dots: Unraveling the Origin of Selectivity in the Oxygen Reduction Reaction. <i>ACS Catalysis</i> , 2015, 5, 129-144.	11.2	166
15	Metal-Support Interaction in Platinum and Palladium Nanoparticles Loaded on Nitrogen-Doped Mesoporous Carbon for Oxygen Reduction Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 1170-1179.	8.0	158
16	Investigation of Electrochemically Mediated Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2013, 46, 4346-4353.	4.8	148
17	Mechanism of Carbon-Halogen Bond Reductive Cleavage in Activated Alkyl Halide Initiators Relevant to Living Radical Polymerization: Theoretical and Experimental Study. <i>Journal of the American Chemical Society</i> , 2011, 133, 6254-6264.	13.7	140
18	Dissociative electron transfer to organic chlorides: Electrocatalysis at metal cathodes. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 2409.	2.8	138

#	ARTICLE	IF	CITATIONS
19	Simplified Electrochemically Mediated Atom Transfer Radical Polymerization using a Sacrificial Anode. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2388-2392.	13.8	137
20	Dissociative Electron Transfer to Haloacetonitriles. An Example of the Dependency of In-Cage Ion-Radical Interactions upon the Leaving Group. <i>Journal of the American Chemical Society</i> , 2002, 124, 13533-13539.	13.7	131
21	Thermodynamic Properties of Copper Complexes Used as Catalysts in Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2010, 43, 9257-9267.	4.8	130
22	Atom Transfer Radical Polymerization of Methacrylic Acid: A Won Challenge. <i>Journal of the American Chemical Society</i> , 2016, 138, 7216-7219.	13.7	125
23	Electrochemical reduction of benzyl halides at a silver electrode. <i>Electrochimica Acta</i> , 2006, 51, 4956-4964.	5.2	117
24	Silver nanoparticles deposited on glassy carbon. Electrocatalytic activity for reduction of benzyl chloride. <i>Electrochemistry Communications</i> , 2006, 8, 1707-1712.	4.7	105
25	New insights into the mechanism of activation of atom transfer radical polymerization by Cu(I) complexes. <i>Chemical Communications</i> , 2011, 47, 3580.	4.1	103
26	ATRP in Water: Kinetic Analysis of Active and Super-Active Catalysts for Enhanced Polymerization Control. <i>Macromolecules</i> , 2017, 50, 2696-2705.	4.8	100
27	Electrocatalytic carboxylation of benzyl chlorides at silver cathodes in acetonitrile. <i>Chemical Communications</i> , 2002, , 2798-2799.	4.1	99
28	Relevance of electron transfer mechanism in electrocatalysis: the reduction of organic halides at silver electrodes. <i>Chemical Communications</i> , 2006, , 344-346.	4.1	99
29	Harnessing the Interaction between Surfactant and Hydrophilic Catalyst To Control <i>e</i> ATRP in Miniemulsion. <i>Macromolecules</i> , 2017, 50, 3726-3732.	4.8	96
30	Estimation of standard reduction potentials of alkyl radicals involved in atom transfer radical polymerization. <i>Electrochimica Acta</i> , 2010, 55, 8312-8318.	5.2	92
31	Reversible-Deactivation Radical Polymerization in the Presence of Metallic Copper. Comproportionation–Disproportionation Equilibria and Kinetics. <i>Macromolecules</i> , 2013, 46, 3793-3802.	4.8	92
32	Electrochemical hydrodehalogenation of polychloromethanes at silver and carbon electrodes. <i>Applied Catalysis B: Environmental</i> , 2009, 88, 479-489.	20.2	91
33	Electrocatalytic properties of transition metals toward reductive dechlorination of polychloroethanes. <i>Electrochimica Acta</i> , 2012, 70, 50-61.	5.2	88
34	Miniemulsion ARGET ATRP via Interfacial and Ion-Pair Catalysis: From ppm to ppb of Residual Copper. <i>Macromolecules</i> , 2017, 50, 8417-8425.	4.8	83
35	Density Functional Theory (DFT) and Experimental Evidences of Metal–Support Interaction in Platinum Nanoparticles Supported on Nitrogen- and Sulfur-Doped Mesoporous Carbons: Synthesis, Activity, and Stability. <i>ACS Catalysis</i> , 2018, 8, 1122-1137.	11.2	83
36	Advanced oxidation processes coupled with electrocoagulation for the exhaustive abatement of Cr-EDTA. <i>Water Research</i> , 2011, 45, 2122-2130.	11.3	82

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37	Reversible-Deactivation Radical Polymerization in the Presence of Metallic Copper. Activation of Alkyl Halides by Cu <sup>0</sup> . <i>Macromolecules</i> , 2013, 46, 3803-3815.	4.8	81
38	Electrocatalysis and electron transfer mechanisms in the reduction of organic halides at Ag. <i>Journal of Applied Electrochemistry</i> , 2009, 39, 2217-2225.	2.9	80
39	New Insights into Electrocatalysis and Dissociative Electron Transfer Mechanisms: The Case of Aromatic Bromides. <i>Journal of Physical Chemistry C</i> , 2009, 113, 14983-14992.	3.1	80
40	Evidence for Large Inner Reorganization Energies in the Reduction of Diaryl Disulfides: A Toward a Mechanistic Link between Concerted and Stepwise Dissociative Electron Transfers?. <i>Journal of the American Chemical Society</i> , 1999, 121, 1750-1751.	13.7	79
41	RDRP in the presence of Cu <sub>2</sub> O: The fate of Cu(I) proves the inconsistency of SET-LRP mechanism. <i>Polymer</i> , 2015, 72, 238-245.	3.8	79
42	The solvent effect in the electrocatalytic reduction of organic bromides on silver. <i>Journal of Electroanalytical Chemistry</i> , 2006, 593, 47-56.	3.8	77
43	Electrochemical approaches to the determination of rate constants for the activation step in atom transfer radical polymerization. <i>Electrochimica Acta</i> , 2016, 222, 393-401.	5.2	76
44	Electrocatalytic synthesis of 6-aminonicotinic acid at silver cathodes under mild conditions. <i>Electrochemistry Communications</i> , 2004, 6, 627-631.	4.7	71
45	Atom Transfer Radical Polymerization with Different Halides (F, Cl, Br, and I): Is the Process "Living" in the Presence of Fluorinated Initiators?. <i>Macromolecules</i> , 2017, 50, 192-202.	4.8	71
46	Nickel(II)(salen)-electrocatalyzed reduction of benzyl chlorides in the presence of carbon dioxide. <i>Journal of Electroanalytical Chemistry</i> , 2001, 507, 124-134.	3.8	69
47	Electrocarboxylation of benzyl chlorides at silver cathode at the preparative scale level. <i>Electrochimica Acta</i> , 2008, 53, 2514-2528.	5.2	69
48	On the mechanism of activation of copper-catalyzed atom transfer radical polymerization. <i>Electrochimica Acta</i> , 2013, 110, 655-662.	5.2	69
49	Voltammetric investigation of the dissociative electron transfer to polychloromethanes at catalytic and non-catalytic electrodes. <i>Electrochimica Acta</i> , 2009, 54, 3235-3243.	5.2	66
50	Electrocatalytic dechlorination of volatile organic compounds at a copper cathode. Part I: Polychloromethanes. <i>Applied Catalysis B: Environmental</i> , 2012, 126, 347-354.	20.2	61
51	Electrocatalytic reduction of arylethyl chlorides at silver cathodes in the presence of carbon dioxide: Synthesis of 2-arylpropanoic acids. <i>Journal of Electroanalytical Chemistry</i> , 2005, 581, 38-45.	3.8	59
52	Dinuclear gold(I) complexes with propylene bridged N-heterocyclic dicarbene ligands: synthesis, structures, and trends in reactivities and properties. <i>Dalton Transactions</i> , 2013, 42, 10952.	3.3	57
53	Electron Transfer Reactions in Atom Transfer Radical Polymerization. <i>Synthesis</i> , 2017, 49, 3311-3322.	2.3	57
54	Homogeneous Reduction of Haloacetonitriles by Electrogenated Aromatic Radical Anions: Determination of the Reduction Potential of $\text{C}_6\text{H}_4\text{CH}_2\text{CN}$ . <i>Journal of Physical Chemistry A</i> , 2004, 108, 4180-4186.	2.5	54

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55	Electrochemical reduction and carboxylation of halobenzophenones. <i>Journal of Electroanalytical Chemistry</i> , 2002, 526, 41-52.	3.8	53
56	Electrocatalytic dechlorination of volatile organic compounds at copper cathode. Part II: Polychloroethanes. <i>Applied Catalysis B: Environmental</i> , 2012, 126, 355-362.	20.2	53
57	Electrochemically mediated atom transfer radical polymerization of n-butyl acrylate on non-platinum cathodes. <i>Polymer Chemistry</i> , 2016, 7, 5357-5365.	3.9	53
58	Chemical and Electrochemical Stability of Nitrogen and Sulphur Doped Mesoporous Carbons. <i>Electrochimica Acta</i> , 2016, 197, 251-262.	5.2	53
59	Palladium nanoparticles supported on nitrogen-doped HOPG: a surface science and electrochemical study. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 2923.	2.8	52
60	Electrochemical behavior of N and Ar implanted highly oriented pyrolytic graphite substrates and activity toward oxygen reduction reaction. <i>Electrochimica Acta</i> , 2013, 88, 477-487.	5.2	52
61	Electrocatalysis at palladium nanoparticles: Effect of the support nitrogen doping on the catalytic activation of carbonhalogen bond. <i>Applied Catalysis B: Environmental</i> , 2014, 144, 300-307.	20.2	50
62	Sustainable Electrochemically Mediated Atom Transfer Radical Polymerization with Inexpensive Non-Platinum Electrodes. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1318-1322.	3.9	50
63	Electrochemically mediated ATRP in ionic liquids: controlled polymerization of methyl acrylate in [BMIm][OTf]. <i>Polymer Chemistry</i> , 2018, 9, 646-655.	3.9	48
64	Toward Electrochemically Mediated Reversible Addition-Fragmentation Chain-Transfer (RAFT) Polymerization: Can Propagating Radicals Be Efficiently Electrogenerated from RAFT Agents?. <i>Macromolecules</i> , 2019, 52, 1479-1488.	4.8	48
65	Electrochemical Synthesis of Cyanoacetic Acid from Chloroacetonitrile and Carbon Dioxide. <i>Journal of the Electrochemical Society</i> , 2002, 149, D113.	2.9	47
66	One- versus two-electron reaction pathways in the electrocatalytic reduction of benzyl bromide at silver cathodes. <i>Tetrahedron Letters</i> , 2006, 47, 7735-7739.	1.4	46
67	Electrocatalytic carboxylation of chloroacetonitrile at a silver cathode for the synthesis of cyanoacetic acid. <i>Electrochimica Acta</i> , 2008, 54, 634-642.	5.2	46
68	Electrochemical carboxylation of arylmethyl chlorides catalysed by [Co(salen)] <sub>2</sub> [H <sub>2</sub> salen = N,N'-bis(salicylidene)ethane-1,2-diamine]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 1613-1618.	1.1	45
69	Electrochemical activation of carbon-halogen bonds: Electrocatalysis at silver/copper nanoparticles. <i>Applied Catalysis B: Environmental</i> , 2014, 158-159, 286-295.	20.2	45
70	Probing the correlation between Pt-support interaction and oxygen reduction reaction activity in mesoporous carbon materials modified with Pt-N active sites. <i>Electrochimica Acta</i> , 2018, 277, 287-300.	5.2	45
71	Is glassy carbon a really inert electrode material for the reduction of carbon-halogen bonds?. <i>Electrochemistry Communications</i> , 2009, 11, 1932-1935.	4.7	44
72	Electrocarboxylation of aromatic ketones: Influence of operative parameters on the competition between ketyl and ring carboxylation. <i>Journal of Electroanalytical Chemistry</i> , 2007, 609, 8-16.	3.8	43

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73	Nitrogen and sulfur doped mesoporous carbon cathodes for water treatment. <i>Journal of Electroanalytical Chemistry</i> , 2016, 782, 264-269.	3.8	43
74	Electrochemical characterization of common catalysts and initiators for atom transfer radical polymerization in [BMI <sub>m</sub> ][OTf]. <i>Electrochemistry Communications</i> , 2017, 77, 116-119.	4.7	43
75	New protocol to determine the equilibrium constant of atom transfer radical polymerization. <i>Electrochimica Acta</i> , 2018, 260, 648-655.	5.2	43
76	Silver Nanoparticle Arrays on a DVD-Derived Template: An easy&cheap SERS Substrate. <i>Plasmonics</i> , 2011, 6, 725-733.	3.4	41
77	Tuning the reactivity and efficiency of copper catalysts for atom transfer radical polymerization by synthetic modification of tris(2-methylpyridyl)amine. <i>Polymer</i> , 2017, 128, 169-176.	3.8	41
78	Electrochemical triggering and control of atom transfer radical polymerization. <i>Current Opinion in Electrochemistry</i> , 2018, 8, 1-7.	4.8	41
79	One-pot synthesis of benzoic acid by electrocatalytic reduction of bromobenzene in the presence of CO <sub>2</sub> . <i>Electrochemistry Communications</i> , 2011, 13, 810-813.	4.7	37
80	Platinum-free electrocatalysts for oxygen reduction reaction: Fe-N <sub>x</sub> modified mesoporous carbon prepared from biosources. <i>Journal of Power Sources</i> , 2018, 402, 434-446.	7.8	36
81	Homogeneous electron transfer catalysis in the electrochemical carboxylation of arylethyl chlorides. <i>Journal of Electroanalytical Chemistry</i> , 2003, 541, 93-101.	3.8	34
82	â€œInherently Chiralâ€ Ionicâ€ Liquid Media: Effective Chiral Electroanalysis on Achiral Electrodes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2079-2082.	13.8	33
83	Electrochemically mediated atom transfer radical polymerization of acrylonitrile and poly(acrylonitrile-b-butyl acrylate) copolymer as a precursor for N-doped mesoporous carbons. <i>Electrochimica Acta</i> , 2018, 285, 344-354.	5.2	31
84	Highly selective electrochemical hydrogenation of acetylene to ethylene at Ag and Cu cathodes. <i>Electrochemistry Communications</i> , 2013, 34, 90-93.	4.7	30
85	Relation between Overall Rate of ATRP and Rates of Activation of Dormant Species. <i>Macromolecules</i> , 2016, 49, 2467-2476.	4.8	30
86	Mesoporous Carbon with Different Density of Thiophenicâ€ Like Functional Groups and Their Effect on Oxygen Reduction. <i>ChemSusChem</i> , 2019, 12, 4229-4239.	6.8	29
87	Efficient and Green Route to Î³â€ Lactams by Copperâ€ Catalysed Reversed Atom Transfer Radical Cyclisation of Î±â€ Polychloroâ€ allylamides, using a Low Load of Metal (0.5â€...mol%). <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1649-1660.	4.3	27
88	The solvent effect on the electrocatalytic cleavage of carbon-halogen bonds on Ag and Au. <i>Electrochimica Acta</i> , 2015, 158, 427-436.	5.2	27
89	Electrocatalytic Activation of Aromatic Carbon-Bromine Bonds toward Carboxylation at Silver and Copper Cathodes. <i>Journal of the Electrochemical Society</i> , 2013, 160, G3073-G3079.	2.9	26
90	Tannic Acidâ€ Inspired Starâ€ Like Macromolecules via Temporally Controlled Multiâ€ Step Potential Electrolysis. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900073.	2.2	26

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91	Insights into the Halogen Oxidative Addition Reaction to Dinuclear Gold(I) Di(NHC) Complexes. <i>Chemistry - A European Journal</i> , 2016, 22, 10211-10224.	3.3	25
92	Towards scale-up of electrochemically-mediated atom transfer radical polymerization: Use of a stainless-steel reactor as both cathode and reaction vessel. <i>Electrochimica Acta</i> , 2019, 304, 505-512.	5.2	25
93	Biocompatible polymers via aqueous electrochemically mediated atom transfer radical polymerization. <i>Journal of Polymer Science</i> , 2020, 58, 114-123.	3.8	25
94	Electrocatalytic dechlorination of polychloroethylenes at silver cathode. <i>Journal of Applied Electrochemistry</i> , 2013, 43, 227-235.	2.9	24
95	Nitrogen and Sulfur Doped Mesoporous Carbons, Prepared from Templating Silica, as Interesting Material for Supercapacitors. <i>ChemistrySelect</i> , 2017, 2, 7082-7090.	1.5	23
96	Facile synthesis of Pd <sub>3</sub> Y alloy nanoparticles for electrocatalysis of the oxygen reduction reaction. <i>Electrochimica Acta</i> , 2019, 320, 134563.	5.2	23
97	Atom Transfer Radical Polymerization of Acrylic and Methacrylic Acids: Preparation of Acidic Polymers with Various Architectures. <i>ACS Macro Letters</i> , 2020, 9, 693-699.	4.8	23
98	The influence of aluminium cations on electrocarboxylation processes in undivided cells with Al sacrificial anodes. <i>Journal of Electroanalytical Chemistry</i> , 2005, 585, 220-229.	3.8	22
99	Electrochemical Scanning Tunneling Microscopy Investigations of Fe <sub>4</sub> -Based Macrocyclic Molecules Adsorbed on Au(111) and Their Implications in the Oxygen Reduction Reaction. <i>ChemElectroChem</i> , 2020, 7, 1431-1437.	3.4	21
100	Electrochemical Activation of Carbon-Halogen Bonds: Electrocatalysis at Palladium-Copper Nanoparticles. <i>ChemElectroChem</i> , 2014, 1, 1370-1381.	3.4	20
101	Reductive cleavage of carbon-chlorine bonds at catalytic and non-catalytic electrodes in 1-butyl-3-methylimidazolium tetrafluoroborate. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 31228-31236.	2.8	20
102	New naphthoquinone derivatives against glioma cells. <i>European Journal of Medicinal Chemistry</i> , 2015, 96, 458-466.	5.5	20
103	Electrochemical Approach to Copper-Catalyzed Reversed Atom Transfer Radical Cyclization. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 782-792.	4.3	19
104	Simplified Electrochemically Mediated Atom Transfer Radical Polymerization using a Sacrificial Anode. <i>Angewandte Chemie</i> , 2015, 127, 2418-2422.	2.0	19
105	An inherently chiral-1,1-benzimidazolium additive for enantioselective voltammetry in ionic liquid media. <i>Electrochemistry Communications</i> , 2018, 89, 57-61.	4.7	19
106	Electrochemically Mediated Aqueous Atom Transfer Radical Polymerization of N,N-Dimethylacrylamide. <i>ChemElectroChem</i> , 2020, 7, 1378-1388.	3.4	19
107	Estimation of the standard reduction potentials of some 1-arylethyl radicals in acetonitrile. <i>Electrochemistry Communications</i> , 2002, 4, 767-772.	4.7	18
108	Mechanism of the Electrochemical Carboxylation of Aromatic Ketones in Dimethylformamide. <i>Collection of Czechoslovak Chemical Communications</i> , 2003, 68, 1379-1394.	1.0	16

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109	Relationship between supporting electrolyte bulkiness and dissociative electron transfer at catalytic and non-catalytic electrodes. <i>Electrochimica Acta</i> , 2013, 89, 52-62.	5.2	16
110	Arylsulfonyl Groups: The Best Cyclization Auxiliaries for the Preparation of ATRC $\beta$ -Lactams can be Acidolytically Removed. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6734-6745.	2.4	15
111	Electrochemically Mediated Atom Transfer Radical Polymerization of Methyl Methacrylate: The Importance of Catalytic Halogen Exchange. <i>ChemElectroChem</i> , 2019, 6, 4257-4265.	3.4	14
112	Electrocatalytic reduction of bromothiophenes on gold and silver electrodes: An example of synergy in electrocatalysis. <i>Electrochemistry Communications</i> , 2014, 38, 100-103.	4.7	13
113	Electrochemical deposition of silica sol-gel films on stainless steel: preliminary analysis of key variables. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 76, 233-240.	2.4	13
114	Cu <sub>2</sub> O/TiO <sub>2</sub> heterostructures on a DVD as easy&cheap photoelectrochemical sensors. <i>Thin Solid Films</i> , 2016, 603, 193-201.	1.8	13
115	Electrochemistry and Chirality in Bibenzimidazole Systems. <i>Electrochimica Acta</i> , 2015, 179, 250-262.	5.2	12
116	Enhancement of the Rate of Atom Transfer Radical Polymerization in Organic Solvents by Addition of Water: An Electrochemical Study.. <i>ChemElectroChem</i> , 2021, 8, 2450-2458.	3.4	12
117	Multilayer Deposition of Silica Sol-Gel Films by Electrochemical Assisted Techniques. <i>Journal of Physical Chemistry C</i> , 2016, 120, 28820-28824.	3.1	11
118	Under pressure: electrochemically-mediated atom transfer radical polymerization of vinyl chloride. <i>Polymer Chemistry</i> , 2020, 11, 6745-6762.	3.9	11
119	Electrochemical study of the effect of Al <sup>3+</sup> on the stability and performance of Cu-based ATRP catalysts in organic media. <i>Electrochimica Acta</i> , 2021, 388, 138589.	5.2	11
120	Oxygen Reduction Reaction at Single-Site Catalysts: A Combined Electrochemical Scanning Tunnelling Microscopy and DFT Investigation on Iron Octaethylporphyrin Chloride on HOPG**. <i>ChemElectroChem</i> , 2021, 8, 2825-2835.	3.4	11
121	Working electrode geometry effect: A new concept for fabrication of patterned polymer brushes via SI-seATRP at ambient conditions. <i>Polymer</i> , 2022, 255, 125098.	3.8	11
122	“Egg of Columbus”: Single-step complete removal of chloride impurities from ionic liquids by AgCl deposition on silver electrode. <i>Electrochemistry Communications</i> , 2015, 51, 46-49.	4.7	10
123	Electrochemical approaches for better understanding of atom transfer radical polymerization. <i>Current Opinion in Electrochemistry</i> , 2019, 15, 50-57.	4.8	10
124	SiO <sub>2</sub> -TiO <sub>2</sub> multilayer via electrochemical deposition: characterization of reflection and refractive index. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 89, 196-204.	2.4	10
125	Exhaustive depletion of recalcitrant chromium fractions in a real wastewater. <i>Chemosphere</i> , 2010, 78, 620-625.	8.2	9
126	Electrochemistry for Atom Transfer Radical Polymerization. <i>Chemical Record</i> , 2021, 21, 2203-2222.	5.8	9



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127	Cu <sup>0</sup> -Promoted Cyclisation of Unsaturated $\alpha$ -Halogeno Amides To Give $\beta$ - and $\gamma$ -Lactams. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2479-2491.	2.4	8
128	Electrochemical reduction of organic bromides in 1-butyl-3-methylimidazolium tetrafluoroborate. <i>Journal of Electroanalytical Chemistry</i> , 2017, 804, 240-247.	3.8	8
129	Addressing the role of triphenylphosphine in copper catalyzed ATRP. <i>Polymer Chemistry</i> , 2018, 9, 5348-5358.	3.9	7
130	Copper-Catalysed $\alpha$ -Activators Regenerated by Electron Transfer $\alpha$ -Atom Transfer Radical Polymerisation of Styrene from a Bifunctional Initiator in Ethyl Acetate/Ethanol, Using Ascorbic Acid/Sodium Carbonate as Reducing System. <i>Macromolecular Research</i> , 2020, 28, 751-761.	2.4	6
131	Electrochemical 3D-growth of amorphous silica gel. <i>Journal of Electroanalytical Chemistry</i> , 2017, 784, 153-158.	3.8	5
132	Reprint of $\alpha$ -Electrochemical reduction of organic bromides in 1-butyl-3-methylimidazolium tetrafluoroborate. <i>Journal of Electroanalytical Chemistry</i> , 2018, 819, 562-569.	3.8	4
133	Catalytic Halogen Exchange in Supplementary Activator and Reducing Agent Atom Transfer Radical Polymerization for the Synthesis of Block Copolymers. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000532.	3.9	3
134	$\alpha$ -Inherently Chiral $\alpha$ -Ionic Liquid Media: Effective Chiral Electroanalysis on Achiral Electrodes. <i>Angewandte Chemie</i> , 2017, 129, 2111-2114.	2.0	2
135	Biocompatible polymers via aqueous electrochemically mediated atom transfer radical polymerization. <i>Journal of Polymer Science</i> , 2020, 58, 114-123.	3.8	2
136	Activation of the Carbon-Halogen Bond. , 2015, , 917-940.		1
137	Electrochemical Procedures To Determine Thermodynamic and Kinetic Parameters of Atom Transfer Radical Polymerization. <i>ACS Symposium Series</i> , 2018, , 161-189.	0.5	1
138	on Gold and Silver Electrodes: enhancement from S specific adsorption and modulation from substituent effects. <i>Electrochimica Acta</i> , 2021, , 139563.	5.2	1
139	Rücktitelbild: $\alpha$ -Inherently Chiral $\alpha$ -Ionic Liquid Media: Effective Chiral Electroanalysis on Achiral Electrodes ( <i>Angew. Chem.</i> 8/2017). <i>Angewandte Chemie</i> , 2017, 129, 2254-2254.	2.0	0
140	Environmentally Accepted Processes for Substitution and Reduction of Cr(VI). , 2014, , 866-872.		0
141	Mesoporosity and nitrogen doping: The leading effect in oxygen reduction reaction activity and selectivity at nitrogen-doped carbons prepared by using polyethylene oxide-block-polystyrene as a sacrificial template. <i>Electrochemical Science Advances</i> , 2023, 3, .	2.8	0