Andreas Bund

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2316442/publications.pdf

Version: 2024-02-01

280	6,978	53794 45	98798 67
papers	citations	h-index	g-index

287	287	287	6551
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ion Current Rectification at Nanopores in Glass Membranes. Langmuir, 2008, 24, 2212-2218.	3.5	366
2	Do solvation layers of ionic liquids influence electrochemical reactions?. Physical Chemistry Chemical Physics, 2010, 12, 1724.	2.8	240
3	Characterization of electrodeposited Niâ€“TiO2 nanocomposite coatings. Surface and Coatings Technology, 2008, 202, 2976-2984.	4.8	141
4	Magnetic field effects in electrochemical reactions. Electrochimica Acta, 2003, 49, 147-152.	5.2	138
5	Characterization of a microgravimetric sensor based on pH sensitive hydrogels. Sensors and Actuators B: Chemical, 2004, 99, 579-585.	7.8	133
6	Effect of Surface Charge on the Resistive Pulse Waveshape during Particle Translocation through Glass Nanopores. Journal of Physical Chemistry C, 2014, 118, 2726-2734.	3.1	114
7	Hydrolysis of LiPF₆ in Carbonate-Based Electrolytes for Lithium-Ion Batteries and in Aqueous Media. Journal of Physical Chemistry C, 2018, 122, 8836-8842.	3.1	102
8	Influence of pulse plating parameters on the electrocodeposition of matrix metal nanocomposites. Electrochimica Acta, 2007, 52, 7362-7371.	5.2	100
9	The Role of Nanopore Geometry for the Rectification of Ionic Currents. Journal of Physical Chemistry C, 2011, 115, 7866-7873.	3.1	98
10	Electrochemical-mechanical coupled modeling and parameterization of swelling and ionic transport in lithium-ion batteries. Journal of Power Sources, 2018, 378, 235-247.	7.8	94
11	Influence of bath composition and pH on the electrocodeposition of alumina nanoparticles and nickel. Surface and Coatings Technology, 2007, 201, 7092-7099.	4.8	92
12	On the electrodeposition of titanium in ionic liquids. Physical Chemistry Chemical Physics, 2008, 10, 2189.	2.8	85
13	Electrodeposition of Al in 1-Butyl-1-methylpyrrolidinium Bis(trifluoromethylsulfonyl)amide and 1-Ethyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)amide Ionic Liquids:Â In Situ STM and EQCM Studiesâ€. Journal of Physical Chemistry B, 2007, 111, 4693-4704.	2.6	84
14	Electrochemical deposition of Bi 2 Te 3 for thermoelectric microdevices. Journal of Solid State Electrochemistry, 2003, 7, 714-723.	2.5	83
15	Reversible and irreversible dilation of lithium-ion battery electrodes investigated by in-situ dilatometry. Journal of Power Sources, 2017, 342, 939-946.	7.8	83
16	On the action of magnetic gradient forces in micro-structured copper deposition. Electrochimica Acta, 2010, 55, 9060-9066.	5.2	80
17	Disentangling faradaic, pseudocapacitive, and capacitive charge storage: A tutorial for the characterization of batteries, supercapacitors, and hybrid systems. Electrochimica Acta, 2022, 412, 140072.	5.2	78
18	On the electrodeposition of tantalum from three different ionic liquids with the bis(trifluoromethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.8	71

#	Article	IF	Citations
19	Au nanoparticleâ€“polyaniline nanocomposite layers obtained through layer-by-layer adsorption for the simultaneous determination of dopamine and uric acid. Electrochimica Acta, 2011, 56, 3693-3699.	5.2	71
20	The role of ion and solvent transport during the redox process of conducting polymers. Electrochimica Acta, 2006, 51, 2366-2372.	5.2	70
21	Influence of a magnetic field on the electrodeposition of nickelâ€“iron alloys. Electrochimica Acta, 2007, 52, 2785-2795.	5.2	69
22	Synthesis, Characterization, and Photocatalytic Properties of Sulfur- and Carbon-Codoped TiO2 Nanoparticles. Nanoscale Research Letters, 2016, 11, 140.	5.7	65
23	In situ STM and EQCM studies of tantalum electrodeposition from TaF5 in the air- and water-stable ionic liquid 1-butyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)amide. Electrochimica Acta, 2009, 54, 1519-1528.	5.2	64
24	Investigations on metal depositions and dissolutions with an improved EQCMB based on quartz crystal impedance measurements. Electrochimica Acta, 2000, 45, 3703-3710.	5.2	63
25	Copper electrodeposition in a magnetic field. Electrochimica Acta, 2007, 53, 161-166.	5.2	62
26	Influence of hydrodynamics and pulse plating parameters on the electrocodeposition of nickelâ€“alumina nanocomposite films. Electrochimica Acta, 2009, 54, 2491-2498.	5.2	62
27	Evaluation of a West Nile virus surveillance and early warning system in Greece, based on domestic pigeons. Comparative Immunology, Microbiology and Infectious Diseases, 2014, 37, 131-141.	1.6	60
28	Electrochemical supercapacitors based on a novel graphene/conjugated polymer composite system. Journal of Materials Chemistry, 2012, 22, 12268.	6.7	59
29	Lumpy skin disease outbreaks in Greece during 2015â€“16, implementation of emergency immunization and genetic differentiation between field isolates and vaccine virus strains. Veterinary Microbiology, 2017, 201, 78-84.	1.9	59
30	In Situ Studies of Solid Electrolyte Interphase (SEI) Formation on Crystalline Carbon Surfaces by Neutron Reflectometry and Atomic Force Microscopy. ACS Applied Materials & Interfaces, 2017, 9, 35794-35801.	8.0	59
31	Characterization of the Viscoelasticity and the Surface Roughness of Electrochemically Prepared Conducting Polymer Films by Impedance Measurements at Quartz Crystals. Journal of the Electrochemical Society, 2002, 149, E331.	2.9	58
32	Effect of the Solvent and the Anion on the Doping/Dedoping Behavior of Poly(3,4-ethylenedioxythiophene) Films Studied with the Electrochemical Quartz Microbalance. Journal of Physical Chemistry B, 2004, 108, 17845-17850.	2.6	58
33	An EQCM Study of the Electropolymerization of Benzene in an Ionic Liquid and Ion Exchange Characteristics of the Resulting Polymer Film. Journal of Physical Chemistry B, 2005, 109, 7159-7168.	2.6	57
34	A high performance layered transition metal oxide cathode material obtained by simultaneous aluminum and iron cationic substitution. Journal of Power Sources, 2014, 268, 414-422.	7.8	55
35	Influence of bath composition and pH on the electrocodeposition of alumina nanoparticles and copper. Journal of Applied Electrochemistry, 2007, 37, 345-351.	2.9	54
36	Development and validation of a TaqMan probe-based real-time PCR method for the differentiation of wild type lumpy skin disease virus from vaccine virus strains. Journal of Virological Methods, 2017, 249, 48-57.	2.1	54

#	Article	IF	Citations
37	Anti-corrosive properties of silane coatings deposited on anodised aluminium. Electrochimica Acta, 2016, 220, 1-10.	5.2	53
38	Study of CO Oxidation on Polycrystalline Pt Electrodes in Acidic Solution by ATR-SEIRAS. Journal of Physical Chemistry C, 2011, 115, 16378-16388.	3.1	52
39	The influence of current collector corrosion on the performance of electrochemical capacitors. Journal of Power Sources, 2017, 368, 18-29.	7.8	52
40	Confinement of paramagnetic ions under magnetic field influence: Lorentz versus concentration gradient force based explanations. Electrochemistry Communications, 2007, 9, 2479-2483.	4.7	49
41	Viscoelastic Properties of Low-Viscosity Liquids Studied with Thickness-Shear Mode Resonators. Analytical Chemistry, 1998, 70, 2584-2588.	6.5	48
42	Influence of a static magnetic field on nickel electrodeposition studied using an electrochemical quartz crystal microbalance, atomic force microscopy and vibrating sample magnetometry. Journal of Electroanalytical Chemistry, 2005, 575, 221-228.	3.8	48
43	Magnetic field induced micro-convective phenomena inside the diffusion layer during the electrodeposition of Co, Ni and Cu. Electrochimica Acta, 2007, 52, 6338-6345.	5.2	48
44	Ultrasound assisted electrodeposition of Zn and Zn-TiO2 coatings. Electrochimica Acta, 2016, 198, 287-295.	5.2	48
45	Drying and moisture resorption behaviour of various electrode materials and separators for lithium-ion batteries. Journal of Power Sources, 2017, 364, 84-91.	7.8	48
46	On the p-doping of PEDOT layers in various ionic liquids studied by EQCM and acoustic impedance. Electrochimica Acta, 2009, 54, 4668-4675.	5.2	47
47	Photoluminescence properties of heat-treated porous alumina films formed in oxalic acid. Journal of Luminescence, 2011, 131, 938-942.	3.1	46
48	Corrosion of aluminium current collector in lithium-ion batteries: A review. Journal of Energy Storage, 2021, 43, 103226.	8.1	45
49	Combining Surface Plasmon Resonance and Quartz Crystal Microbalance for the in Situ Investigation of the Electropolymerization and Doping/Dedoping of Poly(pyrrole). Journal of Physical Chemistry B, 2003, 107, 6743-6747.	2.6	44
50	Detection and Early Warning of West Nile Virus Circulation in Central Macedonia, Greece, Using Sentinel Chickens and Mosquitoes. Vector-Borne and Zoonotic Diseases, 2013, 13, 723-732.	1.5	44
51	Electrochemical lithiation of thin silicon based layers potentiostatically deposited from ionic liquid. Electrochimica Acta, 2015, 168, 403-413.	5.2	42
52	Electrocodeposition of nickelâ€“alumina nanocomposite films under the influence of static magnetic fields. Electrochimica Acta, 2007, 52, 5808-5814.	5.2	40
53	On the 3D character of the magnetohydrodynamic effect during metal electrodeposition in cuboid cells. Electrochemistry Communications, 2008, 10, 597-601.	4.7	40
54	Corrosion tests of nickel coatings prepared from a Watts-type bath. Journal of Coatings Technology Research, 2012, 9, 87-95.	2.5	39

#	Article	IF	Citations
55	Structured electrodeposition in magnetic gradient fields. European Physical Journal: Special Topics, 2013, 220, 287-302.	2.6	39
56	Combining AFM and EQCM for the in situ investigation of surface roughness effects during electrochemical metal depositions. Physical Chemistry Chemical Physics, 2002, 4, 3552-3554.	2.8	38
57	Magnetic field effects on the initial stages of electrodeposition processes. Journal of Electroanalytical Chemistry, 2008, 615, 191-196.	3.8	37
58	Nucleation and growth of thin nickel layers under the influence of a magnetic field. Journal of Electroanalytical Chemistry, 2009, 626, 174-182.	3.8	37
59	Magnetic field effects on electrochemical metal depositions. Science and Technology of Advanced Materials, 2008, 9, 024208.	6.1	36
60	An SFG/DFG investigation of CNâ¯ adsorption at an Au electrode in 1-butyl-1-methyl-pyrrolidinium bis(trifluoromethylsulfonyl) amide ionic liquid. Electrochemistry Communications, 2010, 12, 56-60.	4.7	35
61	Optical properties of thin anodic alumina membranes formed in a solution of tartaric acid. Thin Solid Films, 2014, 556, 230-235.	1.8	35
62	Electrochemical dispersion technique for preparation of hybrid MO x â€“C supports and Pt/MO x â€“C electrocatalysts for low-temperature fuel cells. Journal of Applied Electrochemistry, 2016, 46, 1245-1260.	2.9	35
63	Complete Genome Sequence of the Lumpy Skin Disease Virus Isolated from the First Reported Case in Greece in 2015. Genome Announcements, 2017, 5, .	0.8	35
64	Role of Magnetic Forces in Electrochemical Reactions at Microstructures. Journal of Physical Chemistry B, 2005, 109, 19845-19850.	2.6	34
65	Role of magnetic forces in pulse electrochemical deposition of NinanoAl2O3 composites. Electrochimica Acta, 2012, 64, 94-99.	5.2	34
66	A Novel Pan-FlavivirusDetection and Identification Assay Based on RT-qPCR and Microarray. BioMed Research International, 2017, 2017, 1-12.	1.9	34
67	Lorentz-force-driven convection during copper magnetoelectrolysis in the presence of a supporting buoyancy force. Electrochimica Acta, 2012, 69, 209-219.	5.2	32
68	Electrochemical polymerization of 3,4-ethylenedioxythiophene in the presence of dodecylsulfate and polysulfonic anionsâ€”An acoustic impedance study. Electrochimica Acta, 2014, 122, 21-27.	5.2	32
69	In situ scanning tunneling microscopy (STM), atomic force microscopy (AFM) and quartz crystal microbalance (EQCM) studies of the electrochemical deposition of tantalum in two different ionic liquids with the 1-butyl-1-methylpyrrolidinium cation. Electrochimica Acta, 2016, 197, 374-387.	5.2	31
70	Anomalous scaling of iron thin film electrodeposited in a magnetic field. Journal of Electroanalytical Chemistry, 2006, 587, 93-98.	3.8	30
71	Influence of ethanol on the electrocodeposition of Ni/Al2O3 nanocomposite films. Applied Surface Science, 2009, 255, 4164-4170.	6.1	30
72	Electrochemical deposition of silver from 1-ethyl-3-methylimidazolium trifluoromethanesulfonate. Electrochimica Acta, 2011, 56, 10332-10339.	5.2	30

#	Article	IF	Citations
73	Evolutionary dynamics of lineage 2 West Nile virus in Europe, 2004â€“2018: Phylogeny, selection pressure and phylogeography. Molecular Phylogenetics and Evolution, 2019, 141, 106617.	2.7	30
74	West Nile Virus Lineage 2 Strain in Greece, 2012. Emerging Infectious Diseases, 2013, 19, 827-9.	4.3	29
75	Perspectiveâ€”State of the Art of Rechargeable Aluminum Batteries in Non-Aqueous Systems. Journal of the Electrochemical Society, 2017, 164, A3499-A3502.	2.9	29
76	Mechanism of Electrostatic Gating at Conical Glass Nanopore Electrodes. Langmuir, 2008, 24, 12062-12067.	3.5	28
77	Novel amino-acid-based polymer/multi-walled carbon nanotube bio-nanocomposites: highly water dispersible carbon nanotubes decorated with gold nanoparticles. Nanotechnology, 2009, 20, 225608.	2.6	28
78	Understanding the charge storage mechanism of conductive polymers as hybrid battery-capacitor materials in ionic liquids by in situ atomic force microscopy and electrochemical quartz crystal microbalance studies. Journal of Materials Chemistry A, 2018, 6, 17787-17799.	10.3	28
79	Investigations on the electrochemical preparation of gold?nanoparticle composites. Journal of Solid State Electrochemistry, 2004, 8, 209-213.	2.5	27
80	Enhanced lithium ion storage in TiO2 nanoparticles, induced by sulphur and carbon co-doping. Journal of Power Sources, 2016, 326, 270-278.	7.8	27
81	Copper-MAX-phase composite coatings obtained by electro-co-deposition: A promising material for electrical contacts. Surface and Coatings Technology, 2017, 321, 219-228.	4.8	27
82	Preparation and characterization of a rechargeable battery based on poly-(3,4-ethylenedioxythiophene) and aluminum in ionic liquids. Journal of Solid State Electrochemistry, 2017, 21, 3237-3246.	2.5	26
83	Liquid metal batteries - materials selection and fluid dynamics. IOP Conference Series: Materials Science and Engineering, 2017, 228, 012013.	0.6	26
84	Ultralong storage life of Li/MnO2 primary batteries using MnO2-(CFx)n with Câ€“F semi-ionic bond as cathode materials. Electrochimica Acta, 2019, 320, 134618.	5.2	26
85	Outbreaks of SARS-CoV-2 in naturally infected mink farms: Impact, transmission dynamics, genetic patterns, and environmental contamination. PLoS Pathogens, 2021, 17, e1009883.	4.7	26
86	Shear moduli of anion and cation exchanging polypyrrole films. Journal of Electroanalytical Chemistry, 2006, 589, 82-86.	3.8	25
87	Electrocodeposition of Nickel Nanocomposites Using an Impinging Jet Electrode. Journal of the Electrochemical Society, 2007, 154, D510.	2.9	25
88	Electrodeposition of Niobium from 1-Butyl-1-Methylpyrrolidinium bis(trifluoromethylsulfonyl)amide Ionic Liquid. Electrochimica Acta, 2014, 129, 312-317.	5.2	25
89	Electrochemical characterization of chromium deposition from trivalent solutions for decorative applications by EQCM and near-surface pH measurements. Electrochimica Acta, 2018, 270, 104-109.	5.2	25
90	Determination of the complex shear modulus of polymer solutions with piezoelectric resonators. Physical Chemistry Chemical Physics, 1999, 1, 3933-3938.	2.8	24

#	Article	IF	Citations
91	Interfacial Water at a CO-Predosed Platinum Electrode: A Surface Enhanced Infrared Study with Strong Hydrogen Evolution Reaction Control. Journal of Physical Chemistry C, 2011, 115, 5584-5592.	3.1	24
92	An acoustic impedance study of PEDOT layers obtained in aqueous solution. Electrochimica Acta, 2016, 190, 285-293.	5.2	24
93	Aluminium-poly(3,4-ethylenedioxythiophene) rechargeable battery with ionic liquid electrolyte. Journal of Energy Storage, 2020, 28, 101176.	8.1	24
94	Improved wear resistance of alternating amorphous and crystalline layers in electrodeposited Ni P multilayers. Surface and Coatings Technology, 2020, 386, 125470.	4.8	24
95	Effects of module stiffness and initial compression on lithium-ion cell aging. Journal of Power Sources, 2021, 506, 230163.	7.8	24
96	Magnetic field effects on microstructural variation of electrodeposited cobalt films. Journal of Solid State Electrochemistry, 2007, 11, 737-743.	2.5	23
97	Molten iodide salt electrolyte for low-temperature low-cost sodium-based liquid metal battery. Journal of Power Sources, 2020, 475, 228674.	7.8	23
98	Ni₃N-Coated Ni Nanorod Arrays for Hydrogen and Oxygen Evolution in Electrochemical Water Splitting. ACS Applied Nano Materials, 2020, 3, 10986-10995.	5.0	23
99	Thermal preparation and stabilization of crystalline silver particles in SiO2-based coating solutions. Journal of Sol-Gel Science and Technology, 2009, 49, 202-208.	2.4	22
100	Evidence of Schmallenberg virus circulation in ruminants in Greece. Tropical Animal Health and Production, 2014, 46, 251-255.	1.4	22
101	Validation of an actively-controlled pneumatic press to simulate automotive module stiffness for mechanically representative lithium-ion cell aging. Journal of Energy Storage, 2020, 28, 101192.	8.1	22
102	Connection of the generalized Shuttleworth equation for the elastic spherical electrode with the Laplace formula and the Gibbs adsorption equation. Electrochimica Acta, 2003, 48, 581-587.	5.2	21
103	Investigations on the Kinetics of Electron Transfer Reactions in Magnetic Fields. Journal of Physical Chemistry B, 2006, 110, 1485-1489.	2.6	21
104	Nickel recovery from electronic waste II Electrodeposition of Ni and Niâ€“Fe alloys from diluted sulfate solutions. Waste Management, 2013, 33, 2381-2389.	7.4	21
105	Electrochemical behavior of anodically obtained titania nanotubes in organic carbonate and ionic liquid based Li ion containing electrolytes. Electrochimica Acta, 2013, 104, 228-235.	5.2	21
106	Electrodeposition in Ionic Liquids. Electrochemical Society Interface, 2014, 23, 47-51.	0.4	21
107	Electrochemical dispersion method for the synthesis of SnO2 as anode material for lithium ion batteries. Journal of Applied Electrochemistry, 2016, 46, 527-538.	2.9	21
108	Electro-polymerisation and characterisation of PEDOT in Lewis basic, neutral and acidic EMImCl-AlCl3 ionic liquid. Electrochimica Acta, 2018, 263, 176-183.	5.2	21

#	Article	IF	Citations
109	Investigations on current transients in porous alumina films during re-anodizing using the electrochemical quartz crystal microbalance. Journal of Solid State Electrochemistry, 2010, 14, 2121-2128.	2.5	20
110	Electrochemical performance of nanoporous Si as anode for lithium ion batteries in alkyl carbonate and ionic liquid-based electrolytes. Journal of Applied Electrochemistry, 2014, 44, 159-168.	2.9	20
111	Aluminum Deposition and Dissolution in [EMIm]Cl-Based Ionic Liquidsâ€“Kinetics of Chargeâ€“Transfer and the Rateâ€“Determining Step. Journal of the Electrochemical Society, 2020, 167, 102516.	2.9	20
112	NiCo2O4@Ni2P nanorods grown on nickel nanorod arrays as a bifunctional catalyst for efficient overall water splitting. Materials Today Energy, 2020, 17, 100490.	4.7	20
113	Electrochemical Preparation of Cobalt-Samarium Nanoparticles in an Aprotic Ionic Liquid. Journal of the Electrochemical Society, 2020, 167, 042505.	2.9	20
114	Electrocodeposition and characterization of cobalt lanthanide oxides composite coatings. Surface and Coatings Technology, 2007, 202, 403-411.	4.8	19
115	Comment on â€œMagnetic Structuring of Electrodepositsâ€• Physical Review Letters, 2012, 109, 229401; author reply 229402.	7.8	19
116	A one-step multiplex real-time RT-PCR for the universal detection of all currently known CCHFV genotypes. Journal of Virological Methods, 2018, 255, 38-43.	2.1	19
117	Limited crossâ€•species transmission and absence of mutations associated with SARSâ€•CoVâ€•2 adaptation in cats: A case study of infection in a small household setting. Transboundary and Emerging Diseases, 2022, 69, 1606-1616.	3.0	19
118	PEMFC Performance in a Magnetic Field. Fuel Cells, 2008, 8, 33-36.	2.4	18
119	Anodic dissolution of aluminum and anodic passivation in [EMIm]Cl-based ionic liquids. Electrochemistry Communications, 2020, 115, 106720.	4.7	18
120	Antiâ€“corrosive siloxane coatings for improved longâ€“term performance of supercapacitors with an aqueous electrolyte. Electrochimica Acta, 2021, 372, 137840.	5.2	18
121	Electrostimulated shift of the precipitation temperature of aqueous polyzwitterionic solutions. Macromolecular Symposia, 2004, 210, 393-401.	0.7	17
122	On the origin of horizontal counter-rotating electrolyte flow during copper magnetoelectrolysis. Electrochimica Acta, 2010, 55, 1543-1547.	5.2	17
123	Microgravimetric study on the formation and redox behavior of poly(2-acrylamido-2-methyl-1-propanesulfonate)-doped thin polyaniline layers. Electrochimica Acta, 2011, 56, 4803-4811.	5.2	17
124	Electrodeposition of Au from [EMIm][TFSA] room-temperature ionic liquid: An electrochemical and Surface-Enhanced Raman Spectroscopy study. Journal of Electroanalytical Chemistry, 2011, 651, 1-11.	3.8	17
125	A study of external magnetic-field effects on nickelâ€“iron alloy electrodeposition, based on linear and non-linear differential AC electrochemical response measurements. Journal of Electroanalytical Chemistry, 2011, 651, 197-203.	3.8	17
126	Colostrum transfer of neutralizing antibodies against lumpy skin disease virus from vaccinated cows to their calves. Transboundary and Emerging Diseases, 2018, 65, 2043-2048.	3.0	17

#	Article	IF	Citations
127	A PCR-based NGS protocol for whole genome sequencing of West Nile virus lineage 2 directly from biological specimens. Molecular and Cellular Probes, 2019, 46, 101412.	2.1	17
128	Trivalent chromium conversion coatings. Journal of Coatings Technology Research, 2019, 16, 623-641.	2.5	17
129	Electrochemical Characteristics of Cobaltosic Oxide in Organic Electrolyte According to Bode Plots: Doubleâ€Layer Capacitance and Pseudocapacitance. ChemElectroChem, 2019, 6, 2456-2463.	3.4	17
130	Taguchi method in experimental procedures focused on corrosion process of positive current collector in lithium-ion batteries. Electrochimica Acta, 2020, 360, 137011.	5.2	17
131	Detecting SARS-CoV-2 lineages and mutational load in municipal wastewater and a use-case in the metropolitan area of Thessaloniki, Greece. Scientific Reports, 2022, 12, 2659.	3.3	17
132	Signal oscillations of a piezoelectric quartz crystal in liquids caused by compressional waves. Analytica Chimica Acta, 1998, 364, 189-194.	5.4	16
133	Roughness-Induced Acoustic Second-Harmonic Generation during Electrochemical Metal Deposition on the Quartz-Crystal Microbalance. Langmuir, 2004, 20, 2356-2360.	3.5	16
134	An EQCM study of the deposition and doping/dedoping behavior of polypyrrole from phosphoric acid solutions. Electrochimica Acta, 2007, 52, 3040-3046.	5.2	16
135	Application of PEDOT layers for the electrogravimetric detection of sulphate and phosphate in aqueous media. Electrochimica Acta, 2008, 53, 3772-3778.	5.2	16
136	Magnetic field effects on the mass transport at small electrodes studied by voltammetry and magnetohydrodynamic impedance measurements. Electrochimica Acta, 2010, 56, 133-138.	5.2	16
137	Electrodeposition of Zn-TiO₂Dispersion Coatings: Study of Particle Incorporation in Chloride and Sulfate Baths. Journal of the Electrochemical Society, 2014, 161, D168-D175.	2.9	16
138	Epidemiological characteristics and clinicopathological features of bluetongue in sheep and cattle, during the 2014 BTV serotype 4 incursion in Greece. Tropical Animal Health and Production, 2016, 48, 469-477.	1.4	16
139	Nickel Electrodeposition from a Room Temperature Eutectic Melt. ECS Transactions, 2007, 3, 253-261.	0.5	15
140	Electrodeposition of pristine and composite poly(3,4-ethylenedioxythiophene) layers studied by electro-acoustic impedance measurements. Electrochimica Acta, 2011, 56, 3500-3506.	5.2	15
141	Characterization of Plukenetia volubilis L. fatty acid-based alkyd resins. Polymer Testing, 2020, 82, 106296.	4.8	15
142	Irreversible dilation of graphite composite anodes influenced by vinylene carbonate. Journal of Power Sources, 2020, 457, 228020.	7.8	15
143	Effect of polyalcohols on the anticorrosive behaviour of alkyd coatings prepared with drying oils. Progress in Organic Coatings, 2020, 145, 105671.	3.9	15
144	Acoustic Second Harmonic Generation from Rough Surfaces under Shear Excitation in Liquids. Langmuir, 2004, 20, 10346-10350.	3.5	14

#	Article	IF	Citations
145	Electrodeposition of Co, Sm and Co-Sm Thin Layers. ECS Transactions, 2009, 16, 119-127.	0.5	14
146	Pulse plating of tantalum from 1-butyl-1-methyl-pyrrolidinium bis(trifluoromethylsulfonyl)amide ionic liquids. Transactions of the Institute of Metal Finishing, 2012, 90, 298-304.	1.3	14
147	An Electrochemical Quartz Crystal Microbalance Study on Electrodeposition of Aluminum and Aluminum-Manganese Alloys. Journal of the Electrochemical Society, 2017, 164, H5263-H5270.	2.9	14
148	Novel amperometric sensors for nitrite detection using electrodes modified with PEDOT prepared in ionic liquids. Journal of Solid State Electrochemistry, 2017, 21, 281-290.	2.5	14
149	Determination of transport parameters in [EMIm]Clâ€“based Ionic Liquids â€“ Diffusion and electrical conductivity. Electrochimica Acta, 2021, 366, 137370.	5.2	14
150	Method-Dependent Implications in Foodborne Pathogen Quantification: The Case of Campylobacter coli Survival on Meat as Comparatively Assessed by Colony Count and Viability PCR. Frontiers in Microbiology, 2021, 12, 604933.	3.5	14
151	Electrocodeposition of magnetic nickel matrix nanocomposites in a static magnetic field. Thin Solid Films, 2009, 517, 1636-1644.	1.8	13
152	Numerical simulation of the onset of mass transfer and convection in copper electrolysis subjected to a magnetic field. Russian Journal of Electrochemistry, 2012, 48, 682-691.	0.9	13
153	An adaption of the Archard equation for electrical contacts with thin coatings. Tribology International, 2016, 102, 1-9.	5.9	13
154	Serological monitoring of backyard chickens in Central Macedonia-Greece can detect low transmission of West Nile virus in the absence of human neuroinvasive disease cases. Acta Tropica, 2016, 163, 26-31.	2.0	13
155	Structure and Formation of Trivalent Chromium Conversion Coatings Containing Cobalt on Zinc Plated Steel. Journal of the Electrochemical Society, 2018, 165, C657-C669.	2.9	13
156	Relation between Color and Surface Morphology of Electrodeposited Chromium for Decorative Applications. Journal of the Electrochemical Society, 2019, 166, D205-D211.	2.9	13
157	Electrochemical deposition of silicon from a sulfolane-based electrolyte: Effect of applied potential. Electrochemistry Communications, 2019, 103, 7-11.	4.7	13
158	A highly sensitive semi-nested real-time PCR utilizing oligospermine-conjugated degenerate primers for the detection of diverse strains of small ruminant lentiviruses. Molecular and Cellular Probes, 2020, 51, 101528.	2.1	13
159	Effect of anodizing voltage on the sorption of water molecules on porous alumina. Applied Surface Science, 2012, 258, 5394-5398.	6.1	12
160	Taking into account of surface roughness for the calculation of elastic moduli of polymer films from acoustic impedance data. Electrochimica Acta, 2014, 122, 16-20.	5.2	12
161	Evaluation of Cross-Protection of a Lineage 1 West Nile Virus Inactivated Vaccine against Natural Infections from a Virulent Lineage 2 Strain in Horses, under Field Conditions. Vaccine Journal, 2015, 22, 1040-1049.	3.1	12
162	An Electrochemical and Photoelectron Spectroscopy Study of a Low Temperature Liquid Metal Battery Based on an Ionic Liquid Electrolyte. Journal of the Electrochemical Society, 2016, 163, A2488-A2493.	2.9	12

#	Article	IF	Citations
163	Synthesis of Co3O4/CoOOH via electrochemical dispersion using a pulse alternating current method for lithium-ion batteries and supercapacitors. Solid State Sciences, 2018, 86, 53-59.	3.2	12
164	Ta and Nb Electrodeposition from Ionic Liquids. ECS Transactions, 2013, 50, 229-237.	0.5	11
165	Development of one-tube real-time qRT-PCR and evaluation of RNA extraction methods for the detection of Eggplant mottled dwarf virus in different species. Journal of Virological Methods, 2015, 212, 59-65.	2.1	11
166	In situ analysis of surface morphology and viscoelastic effects during deposition of thin silicon layers from 1-butyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide. Electrochimica Acta, 2016, 219, 251-257.	5.2	11
167	Electro-polymerisation of 3,4-ethylenedioxythiophene on reticulated vitreous carbon in imidazolium-based chloroaluminate ionic liquid as energy storage material. Electrochemistry Communications, 2018, 89, 52-56.	4.7	11
168	Fluidic Self-Assembly on Electroplated Multilayer Solder Bumps with Tailored Transformation Imprinted Melting Points. Scientific Reports, 2019, 9, 11325.	3.3	11
169	Electrodeposition of aluminium from ionic liquids on high strength steel. Transactions of the Institute of Metal Finishing, 2019, 97, 82-88.	1.3	11
170	Application of the quartz crystal microbalance for the investigation of nanotribological processes. Journal of Solid State Electrochemistry, 2004, 8, 182-186.	2.5	10
171	Electrocodeposition of hydroxyapatite nanoparticles with zincâ€“iron alloys. Surface and Coatings Technology, 2009, 203, 1488-1493.	4.8	10
172	Formation and electroanalytical performance of polyanilineâ€“palladium nanocomposites obtained via Layer-by-Layer adsorption and electroless metal deposition. Electrochimica Acta, 2013, 90, 157-165.	5.2	10
173	Serological, Molecular and Culture-Based Diagnosis of Lentiviral Infections in Small Ruminants. Viruses, 2021, 13, 1711.	3.3	10
174	A one-step real-time RT-PCR assay for simultaneous typing of SARS-CoV-2 mutations associated with the E484K and N501Y spike protein amino-acid substitutions. Journal of Virological Methods, 2021, 296, 114242.	2.1	10
175	Efficient preparation of Ni-M (MÂ=ÂFe, Co, Mo) bimetallic oxides layer on Ni nanorod arrays for electrocatalytic oxygen evolution. Applied Materials Today, 2021, 25, 101185.	4.3	10
176	Tribological and Mechanical Performance of Ti₂AlC and Ti₃AlC₂ Thin Films. Advanced Engineering Materials, 2022, 24, .	3.5	10
177	A simple and versatile PSA system for heavy metal determinations. Fresenius' Journal of Analytical Chemistry, 1996, 356, 27-30.	1.5	9
178	Title is missing!. Journal of Applied Electrochemistry, 2003, 33, 457-463.	2.9	9
179	High-temperature thin-film calorimetry: a newly developed method applied to lithium ion battery materials. Journal of Materials Science, 2013, 48, 6585-6596.	3.7	9
180	Detection of Crimean-Congo hemorrhagic fever virus-specific IgG antibodies in ruminants residing in Central and Western Macedonia, Greece. Ticks and Tick-borne Diseases, 2017, 8, 494-498.	2.7	9

#	Article	IF	Citations
181	Formation of Cr(VI) in cobalt containing Cr(III)-based treatment solution. Surface and Coatings Technology, 2018, 334, 444-449.	4.8	9
182	The Vanadium Redox Reactions â€“ Electrocatalysis versus Nonâ€Electrocatalysis. ChemPhysChem, 2019, 20, 3004-3009.	2.1	9
183	Viability Quantitative PCR Utilizing Propidium Monoazide, Spheroplast Formation, and Campylobacter coli as a Bacterial Model. Applied and Environmental Microbiology, 2019, 85, .	3.1	9
184	Validation of the frequency shift of thicknessâ€shearâ€mode resonators in liquids â€•determination of the activation energy of viscosity. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1997, 101, 1960-1962.	0.9	8
185	Electrochemical Deposition of Aluminum and Aluminum-Manganese Alloys in Ionic Liquids. ECS Transactions, 2016, 75, 657-665.	0.5	8
186	Calculation of the wear surface and the coefficient of friction for various coated contact geometries. Wear, 2016, 368-369, 390-399.	3.1	8
187	Electrodeposition of cuprous oxide on a porous copper framework for an improved photoelectrochemical performance. Journal of Materials Science, 2021, 56, 11866-11880.	3.7	8
188	Temperature dependence of the complex shear modulus of cation and anion exchanging poly(pyrrole) films. Journal of Electroanalytical Chemistry, 2007, 605, 61-67.	3.8	7
189	Application of the Electrochemical Quartz Crystal Microbalance for the Investigation of Metal Depositions from Ionic Liquids. ECS Transactions, 2009, 16, 411-420.	0.5	7
190	Effects of a magnetic field on growth of porous alumina films on aluminum. Electrochimica Acta, 2010, 55, 4180-4187.	5.2	7
191	Square wave voltammetric detection of electroactive products resulting from electrochemical nitrate reduction in alkaline media. Journal of Electroanalytical Chemistry, 2012, 675, 32-40.	3.8	7
192	Electrochemical lithiation of Si modified TiO2 nanotube arrays, investigated in ionic liquid electrolyte. Journal of Electroanalytical Chemistry, 2014, 731, 6-13.	3.8	7
193	Investigation of All Wet Chemical Process for the Barrier Formation in High Aspect Ratio Silicon Vias. IEEE Transactions on Electron Devices, 2016, 63, 3199-3204.	3.0	7
194	Effect of continuous magnetic field on the growth mechanism of nanoporous anodic alumina films on different substrates. Journal of Solid State Electrochemistry, 2016, 20, 2765-2772.	2.5	7
195	Ultrasound Assisted Electrodeposition of Cu-SiO₂ Composite Coatings: Effect of Particle Surface Chemistry. Journal of the Electrochemical Society, 2019, 166, D244-D251.	2.9	7
196	Nanostructured boron doped diamond enhancing the photoelectrochemical performance of TiO2/BDD heterojunction anodes. Vacuum, 2020, 171, 109006.	3.5	7
197	Understanding the initial stages of Si electrodeposition under diffusion kinetic limitation in ionic liquid-based electrolytes. Journal of Crystal Growth, 2020, 531, 125346.	1.5	7
198	Cation exchange behavior during the redox switching of poly (3,4-ethylenedioxythiophene) films. Journal of Solid State Electrochemistry, 2020, 24, 3231-3244.	2.5	7

#	Article	IF	Citations
199	Application of acoustic impedance method to monitoring of sensors: Metal deposition on viscoelastic polymer substrate. Electrochimica Acta, 2014, 118, 88-91.	5.2	6
200	Development of real-time PCR-based methods for the detection of enzootic nasal tumor virus 2 in goats. Archives of Virology, 2019, 164, 707-716.	2.1	6
201	Electrogravimetry and Structural Properties of Thin Silicon Layers Deposited in Sulfolane and Ionic Liquid Electrolytes. ACS Applied Materials & Interfaces, 2020, 12, 57526-57538.	8.0	6
202	Formation of ordered anodic alumina nanofibers during aluminum anodizing in oxalic acid at high voltage and electrical power. Surface and Coatings Technology, 2020, 394, 125813.	4.8	6
203	Investigation of The Reaction Kinetics of Chromium(III) Ions with Carboxylic Acids In Aqueous Solutions and The Associated Effects on Chromium Deposition. Journal of the Electrochemical Society, 2020, 167, 162509.	2.9	6
204	Selective Metallization of Polymers: Surface Activation of Polybutylene Terephthalate (PBT) Assisted by Picosecond Laser Pulses. Advanced Engineering Materials, 2022, 24, 2100933.	3.5	6
205	Electrochemical and X-ray investigations on the system (Cu,Hg,Zn) with regard to the Cu-Zn interference. Electrochimica Acta, 1998, 43, 1843-1850.	5.2	5
206	On Three-Dimensional Magnetic Field Effects during Metal Deposition in Cuboid Cells. ECS Transactions, 2008, 13, 9-13.	0.5	5
207	An electrochemical quartz crystal microbalance study on adsorption of single walled carbon nanotubes onto poly[3,4-ethylenedioxythiophene] layers. Journal of Solid State Electrochemistry, 2015, 19, 2581-2589.	2.5	5
208	Thin-Film Calorimetry: Analytical Tool for In-Situ Characterization of Lithium Ion Batteries. Journal of the Electrochemical Society, 2015, 162, A727-A736.	2.9	5
209	Immunosuppression in sheep induced by cyclophosphamide, bluetongue virus and their combination: Effect on clinical reaction and viremia. Microbial Pathogenesis, 2017, 104, 318-327.	2.9	5
210	Electrochemical reduction mechanism of NbF5 and NbCl5 in the ionic liquid 1-butyl-1-methylpyrrolidinium trifluoromethanesulfonate. Electrochimica Acta, 2019, 321, 134600.	5.2	5
211	PEDOT coating applied on thick film gold electrodes for increased miniaturization capability. Progress in Organic Coatings, 2019, 135, 545-554.	3.9	5
212	Nanoscale Morphological Changes at Lithium Interface, Triggered by the Electrolyte Composition and Electrochemical Cycling. Journal of Chemistry, 2019, 2019, 1-13.	1.9	5
213	Low-frequency pulse plating for tailoring the optical appearance of chromium layers for decorative applications. Journal of Applied Electrochemistry, 2020, 50, 489-499.	2.9	5
214	A Novel Real-Time RT-PCR-Based Methodology for the Preliminary Typing of SARS-CoV-2 Variants, Employing Non-Extendable LNA Oligonucleotides and Three Signature Mutations at the Spike Protein Receptor-Binding Domain. Life, 2021, 11, 1015.	2.4	5
215	Electrochemical Quartz Crystal Microbalance. , 2014, , 554-568.		5
216	Nanometer-Thick Hematite Films as Photoanodes for Solar Water Splitting. ACS Applied Nano Materials, 2022, 5, 2897-2905.	5.0	5

#	Article	IF	Citations
217	Double layer effects at nanosized electrodesâ€. Faraday Discussions, 2013, 164, 339.	3.2	4
218	Synthesis of Different Molybdenum Disulfide Nanostructures and their Applicability in Lithium Ion Batteries with Ionic Liquid Electrolytes. Materials Research Society Symposia Proceedings, 2013, 1496, 1.	0.1	4
219	Synthesis and characterization of nickelâ€“diamond nanocomposite layers. Applied Nanoscience (Switzerland), 2014, 4, 1021-1033.	3.1	4
220	Facile synthesis of a binder-free 3D Ni/NiO microwire network with a nanostructured fiber surface for a negative electrode in Li-ion battery. Journal of Applied Electrochemistry, 2021, 51, 815-828.	2.9	4
221	Enhanced cycling performance of binder free silicon-based anode by application of electrochemically formed microporous substrate. Electrochimica Acta, 2021, 380, 138216.	5.2	4
222	PCR-based next-generation West Nile virus sequencing protocols. Molecular and Cellular Probes, 2021, 60, 101774.	2.1	4
223	Physics-Based Modeling and Parameter Identification for Lithium Ion Batteries Under High Current Discharge Conditions. Journal of the Electrochemical Society, 2020, 167, 140549.	2.9	4
224	A TaqMan probe-based multiplex real-time PCR method for the specific detection of wild type lumpy skin disease virus with beta-actin as internal amplification control. Molecular and Cellular Probes, 2021, 60, 101778.	2.1	4
225	Influence of carboxylic acids on the performance of trivalent chromium electrolytes for the deposition of functional coatings. Electrochimica Acta, 2022, 411, 140054.	5.2	4
226	Investigation of Fas (APO-1)-Related Apoptosis in Piglets Intradermally or Intramuscularly Vaccinated with a Commercial PRRSV MLV. Viral Immunology, 2022, 35, 129-137.	1.3	4
227	Model of Electrocodeposition Using an Unsubmerged Impinging Jet Electrode. Journal of the Electrochemical Society, 2008, 155, D798.	2.9	3
228	Nucleation and Growth of Metal Layers under the Influence of a Magnetic Field. ECS Transactions, 2008, 13, 1-7.	0.5	3
229	Synthesis and Electrochemical Study of Antimony-Doped Tin Oxide Supported RuSe Catalysts for Oxygen Reduction Reaction. Electrocatalysis, 2011, 2, 20-23.	3.0	3
230	Electrochemical performance of ionic liquid-molybdenum disulfide Li-ion batteries. Journal of Applied Electrochemistry, 2013, 43, 559-565.	2.9	3
231	Thin Film Calorimetry - Device Development and Application to Lithium Ion Battery Materials. Materials Research Society Symposia Proceedings, 2013, 1496, 1.	0.1	3
232	Microgravimetric and Spectroscopic Analysis of Solidâ^'Electrolyte Interphase Formation in Presence of Additives. ChemPhysChem, 2019, 20, 655-664.	2.1	3
233	Electrodeposition of NiFe Alloys in a Magnetic Field. ECS Transactions, 2007, 3, 15-27.	0.5	2
234	Electrodeposition of Cu/Alumina and Ni/Alumina Nanocomposites. ECS Transactions, 2006, 3, 85-94.	0.5	2

#	Article	IF	Citations
235	Electrodeposition of Ferromagnetic Materials from Air and Water Stable Ionic Liquids. ECS Transactions, 2008, 13, 113-119.	0.5	2
236	Nanoporous Alumina Growth in a Magnetic Field. ECS Transactions, 2013, 50, 141-146.	0.5	2
237	Thermal Stability of Materials for Thin-Film Electrochemical Cells Investigated by Thin-Film Calorimetry. MRS Advances, 2016, 1, 1043-1049.	0.9	2
238	Electrochemical Detection of Neurotransmitters Using Modified PEDOT Electrodes. ECS Transactions, 2016, 75, 149-155.	0.5	2
239	Thin-film calorimetry: In-situ characterization of materials for lithium-ion batteries. International Journal of Materials Research, 2017, 108, 904-919.	0.3	2
240	Influence of thermal treatment on the magnetic properties and morphology of electrodeposited Fe-Co films. Journal of Magnetism and Magnetic Materials, 2020, 513, 167204.	2.3	2
241	Nanoparticle gas phase electrodeposition: Fundamentals, fluid dynamics, and deposition kinetics. Journal of Aerosol Science, 2021, 151, 105652.	3.8	2
242	Numerical Simulation of Copper Deposition in the Hull Cell Based on Butler-Volmer Kinetics. Journal of the Electrochemical Society, 2020, 167, 122506.	2.9	2
243	Conductive Polymers As Hybrid Battery-Capacitor Electrode Materials. ECS Meeting Abstracts, 2020, MA2020-02, 336-336.	0.0	2
244	Reverse Numerical Simulation of Kinetic Parameters from Acidic Copper Hull Cell Deposition. Journal of the Electrochemical Society, 2022, 169, 052501.	2.9	2
245	Effect of synthesis conditions and composition modification on the structural and electrochemical properties of layered transition metal oxide cathode materials. , 2014, , .		1
246	Interfacial Electrochemistry of Ionic Liquids. Electrochemical Society Interface, 2014, 23, 45-45.	0.4	1
247	Influence of Fluid Dynamics on the Electrochemical Deposition of Tantalum. ECS Transactions, 2016, 75, 287-295.	0.5	1
248	Laser pyrolysis synthesis of Snâ€“Feâ€“N@polycarbosilazane nanocomposites, characterization and evaluation as energy storage materials. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	1
249	Detection of flexibly bound adsorbate using the nonlinear response of quartz crystal resonator driven at high oscillation amplitude. Electrochimica Acta, 2017, 252, 424-429.	5.2	1
250	Influence of the Bead Geometry and the Tin Layer on the Contact Resistance of Copper Conductors. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2018, 8, 1863-1868.	2.5	1
251	Design of Contact Systems Under Consideration of Electrical and Tribological Properties. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2018, 8, 427-438.	2.5	1
252	Influence of Plating Conditions on Nickel-Chromium Alloy Electrodeposition. ECS Meeting Abstracts, 2020, MA2020-02, 1530-1530.	0.0	1

#	Article	IF	Citations
253	2.2 - Messsystem zur Bestimmung thermodynamischer Eigenschaften dÃ¼nner Schichten bei hohen Temperaturen. , 2013, , .		1
254	Electrodeposition of Cuprous Oxide on Boron Doped Diamond Electrodes. Advances in Electrical and Electronic Engineering, 2018, 16, .	0.3	1
255	Layer-By-Layer Polyelectrolyte Assembly for the Protection of GaP Surfaces from Photocorrosion. ACS Applied Nano Materials, 2021, 4, 425-431.	5.0	1
256	Electrocodeposition of Titanium and Gallium from 1-Butyl-1-Methylpyrrolidinium Trifluoromethanesulfonate. Journal of the Electrochemical Society, 2020, 167, 122512.	2.9	1
257	Comment and Corrigendum on â€œAluminum Deposition and Dissolution in [EMIm]Cl-Based Ionic Liquidsâ€"Kinetics of Chargeâ€"Transfer and the Rateâ€"Determining Stepâ€•[J. Electrochem. Soc., 167, 102516 (2020)]. Journal of the Electrochemical Society, 2020, 167, 148501.	2.9	1
258	Characterisation of Nickel Nanocomposites by SEM, TEM and EBSD. , 2008, , 685-686.		0
259	Electrodeposition of Magnetic Nickel Matrix Nanocomposites. ECS Transactions, 2009, 16, 217-226.	0.5	0
260	Waldfried Plieth: a tribute on the occasion of his 75th birthday. Journal of Solid State Electrochemistry, 2012, 16, 3399-3400.	2.5	0
261	Electrodeposition of Alloys; Application of the Markov Chain Model to Intermetallic Compounds. Zeitschrift Fur Physikalische Chemie, 2014, 228, 269-279.	2.8	0
262	State-of-Charge and State-of-Health Estimation of Commercial LiFePO₄ Batteries by means of Impedance Spectroscopy. , 2016, , 3-18.		0
263	First-Time Detection of Porcine Reproductive and Respiratory Syndrome Virus and Porcine Circovirus 2 in an Albanian Farrow-to-Finish Herd. Viral Immunology, 2018, 31, 397-403.	1.3	0
264	The Influence of Contaminated Copper Wires on the DC Joule Heating of Connectors. , 2018, , .		0
265	A predictive model for the time dependence of concentrations in plating baths. Journal of Chemometrics, 2019, 33, e3166.	1.3	0
266	Investigation of Conductor Packages and Contact Geometries for Stranded Copper Wires. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2019, 9, 399-404.	2.5	0
267	Letter to the Editor concerning â€œSerological and clinical evaluation of the Yugoslavian RM 65 sheep pox strain vaccine use in cattle against lumpy skin diseaseâ€•by Abutarbush and Tuppurainen (Transbound Emerg Dis; 2018: https://doi.org/10.1111/tbed.12923). Transboundary and Emerging Diseases, 2019, 66, 1090-1091.	3.0	0
268	Electrocatalysis of Lithium (Poly-) Sulfides in Organic Ether-Based Electrolytes. Journal of the Electrochemical Society, 2020, 167, 166520.	2.9	0
269	Characterization of the Reduction Mechanism of Chromium(III) By in Situ Microgravimetry and Volumetric Determination of Hydrogen. ECS Meeting Abstracts, 2021, MA2021-02, 1488-1488.	0.0	0
270	Electrochemical Deposition of Si-C-O Composite Layers: Lithiation and Sodiation Behavior. ECS Meeting Abstracts, 2021, MA2021-02, 720-720.	0.0	0

#	Article	IF	Citations
271	Electrodeposition of Cuprous Oxide on a Free-Standing Porous Cu Framework for Photoelectrochemical Water Splitting. ECS Meeting Abstracts, 2020, MA2020-02, 1425-1425.	0.0	0
272	Cathodic Corrosion Protection of Steel with Electroplated Aluminum Alloys. ECS Meeting Abstracts, 2020, MA2020-02, 1344-1344.	0.0	0
273	Investigation of the Electrochemical Kinetics of Aluminum Deposition from Ionic Liquids. ECS Meeting Abstracts, 2020, MA2020-02, 2989-2989.	0.0	0
274	Electrochemical Sensor for the Detection of Nitrite Based on PEDOT and Hollow Gold - Palladium Nanoparticles. ECS Meeting Abstracts, 2020, MA2020-02, 2886-2886.	0.0	0
275	Chromium Electroplating from Cr(III) in Deep Eutectic Solvents. ECS Meeting Abstracts, 2020, MA2020-02, 2908-2908.	0.0	0
276	Electrochemical Deposition of Pd/Ag for Electrocatalytic Applications. ECS Meeting Abstracts, 2020, MA2020-02, 1496-1496.	0.0	0
277	Localized surface states influence in the photoelectrocatalytic performance of Al doped a-SiC:H based photocathodes. Materials Science in Semiconductor Processing, 2022, 143, 106474.	4.0	0
278	Influence of 1,1-Dimethylpropargylamine on Nickel Electroplating. ECS Meeting Abstracts, 2022, MA2022-01, 1185-1185.	0.0	0
279	Innovation Processing of Circuit Boards with FDM Printing and Selective Electrochemical Metallization. ECS Meeting Abstracts, 2022, MA2022-01, 2369-2369.	0.0	0
280	Electroless Deposition of Nickel-Phosphorus Composite Layer with Incorporated Amorph Boron Particles and Subsequent Heat Treatment for the Formation of Nickelboride. ECS Meeting Abstracts, 2022, MA2022-01, 1111-1111.	0.0	0