

List of Publications by Citations

Source: <https://exaly.com/author-pdf/69012/neso-sojic-publications-by-citations.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

168 papers	4,140 citations	35 h-index	56 g-index
193 ext. papers	5,100 ext. citations	6.8 avg, IF	5.79 L-index

#	Paper	IF	Citations
168	Bipolar electrochemistry: from materials science to motion and beyond. <i>Accounts of Chemical Research</i> , 2013 , 46, 2513-23	24.3	278
167	Multiplexed sandwich immunoassays using electrochemiluminescence imaging resolved at the single bead level. <i>Journal of the American Chemical Society</i> , 2009 , 131, 6088-9	16.4	188
166	Single Cell Electrochemiluminescence Imaging: From the Proof-of-Concept to Disposable Device-Based Analysis. <i>Journal of the American Chemical Society</i> , 2017 , 139, 16830-16837	16.4	147
165	Surface-Confined Electrochemiluminescence Microscopy of Cell Membranes. <i>Journal of the American Chemical Society</i> , 2018 , 140, 14753-14760	16.4	144
164	Macroporous ultramicroelectrodes for improved electroanalytical measurements. <i>Analytical Chemistry</i> , 2007 , 79, 533-9	7.8	133
163	Mapping electrogenerated chemiluminescence reactivity in space: mechanistic insight into model systems used in immunoassays. <i>Chemical Science</i> , 2014 , 5, 2568-2572	9.4	130
162	Electrochemiluminescence Imaging for Bioanalysis. <i>Annual Review of Analytical Chemistry</i> , 2019 , 12, 275-295	22.5	94
161	Essential Role of Electrode Materials in Electrochemiluminescence Applications. <i>ChemElectroChem</i> , 2016 , 3, 1990-1997	4.3	92
160	Formation of reactive nitrogen species including peroxynitrite in physiological buffer exposed to cold atmospheric plasma. <i>RSC Advances</i> , 2016 , 6, 78457-78467	3.7	91
159	Light-emitting electrochemical "swimmers". <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 11284-8	16.4	81
158	Intracellular Wireless Analysis of Single Cells by Bipolar Electrochemiluminescence Confined in a Nanopipette. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10416-10420	16.4	78
157	Circularly-Polarized Electrochemiluminescence from a Chiral Bispyrene Organic Macrocycle. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 6952-6956	16.4	67
156	Development of an ordered array of optoelectrochemical individually readable sensors with submicrometer dimensions: application to remote electrochemiluminescence imaging. <i>Analytical Chemistry</i> , 2004 , 76, 357-64	7.8	67
155	Enhanced electrogenerated chemiluminescence in thermoresponsive microgels. <i>Journal of the American Chemical Society</i> , 2013 , 135, 5517-20	16.4	65
154	3D electrogenerated chemiluminescence: from surface-confined reactions to bulk emission. <i>Chemical Science</i> , 2015 , 6, 4433-4437	9.4	64
153	Electrochemiluminescent swimmers for dynamic enzymatic sensing. <i>Chemical Communications</i> , 2014 , 50, 10202-5	5.8	59
152	Generation of electrochemiluminescence at bipolar electrodes: concepts and applications. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 7003-11	4.4	56

151	A Sensitive Electrochemiluminescence Immunosensor for Celiac Disease Diagnosis Based on Nanoelectrode Ensembles. <i>Analytical Chemistry</i> , 2015 , 87, 12080-7	7.8	54
150	Ultrasharp optical-fiber nanoprobe array for Raman local-enhancement imaging. <i>Small</i> , 2008 , 4, 96-9	11	54
149	Electric fields for generating unconventional motion of small objects. <i>Current Opinion in Colloid and Interface Science</i> , 2016 , 21, 57-64	7.6	52
148	Photoinduced Electrochemiluminescence at Silicon Electrodes in Water. <i>Journal of the American Chemical Society</i> , 2019 , 141, 13013-13016	16.4	49
147	Differential photoluminescent and electrochemiluminescent detection of anions with a modified ruthenium(II)-bipyridyl complex. <i>Chemistry - A European Journal</i> , 2009 , 15, 5145-52	4.8	49
146	Oxidative stress in cancer prone xeroderma pigmentosum fibroblasts. Real-time and single cell monitoring of superoxide and nitric oxide production with microelectrodes. <i>Carcinogenesis</i> , 2004 , 25, 509-15	4.6	49
145	Nanostructured optical fibre arrays for high-density biochemical sensing and remote imaging. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 396, 53-71	4.4	48
144	Activation of the NADPH oxidase in human fibroblasts by mechanical intrusion of a single cell with an ultramicroelectrode. <i>Carcinogenesis</i> , 1997 , 18, 569-74	4.6	45
143	Physicochemical and Electronic Properties of Cationic [6]Helicenes: from Chemical and Electrochemical Stabilities to Far-Red (Polarized) Luminescence. <i>Chemistry - A European Journal</i> , 2016 , 22, 18394-18403	4.8	44
142	Optical-fiber-microsphere for remote fluorescence correlation spectroscopy. <i>Optics Express</i> , 2009 , 17, 19085-92	3.3	41
141	Electrochemiluminescence of loaded in Nafion Langmuir-Blodgett films: Role of the interfacial ultrathin film. <i>Journal of Electroanalytical Chemistry</i> , 2010 , 640, 35-41	4.1	41
140	Mapping electrochemiluminescence as generated at double-band microelectrodes by confocal microscopy under steady state. <i>ChemPhysChem</i> , 2006 , 7, 1322-7	3.2	41
139	Correlations between gaseous and liquid phase chemistries induced by cold atmospheric plasmas in a physiological buffer. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 9198-9210	3.6	40
138	Fabrication of a Macroporous Microwell Array for Surface-Enhanced Raman Scattering. <i>Advanced Functional Materials</i> , 2009 , 19, 3129-3135	15.6	39
137	Dual Enzymatic Detection by Bulk Electrogenenerated Chemiluminescence. <i>Analytical Chemistry</i> , 2016 , 88, 6585-92	7.8	39
136	Lighting Up Redox Propulsion with Luminol Electrogenenerated Chemiluminescence. <i>ChemElectroChem</i> , 2014 , 1, 95-98	4.3	36
135	A fluorescence-based imaging-fiber electrode chemical sensor for hydrogen peroxide. <i>Analytica Chimica Acta</i> , 2000 , 404, 213-221	6.6	36
134	Microscopic imaging and tuning of electrogenerated chemiluminescence with boron-doped diamond nanoelectrode arrays. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 7085-94	4.4	36

133	Spatially-resolved multicolor bipolar electrochemiluminescence. <i>Electrochemistry Communications</i> , 2017 , 77, 10-13	5.1	34
132	Electrochemiluminescent detection of hydrogen peroxide with an imaging sensor array. <i>Electrochimica Acta</i> , 2004 , 49, 3751-3757	6.7	34
131	Multitip-Localized Enhanced Raman Scattering from a Nanostructured Optical Fiber Array. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 874-881	3.8	33
130	Optimized carbon nanotube fiber microelectrodes as potential analytical tools. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 389, 499-505	4.4	33
129	A Simple Student Experiment for Teaching Surface Electrochemistry: Adsorption of Polyoxometalate on Graphite Electrodes. <i>Journal of Chemical Education</i> , 2002 , 79, 349	2.4	33
128	Amplification of the inflammatory cellular redox state by human immunodeficiency virus type 1-immunosuppressive tat and gp160 proteins. <i>Journal of Virology</i> , 1999 , 73, 1447-52	6.6	32
127	Epifluorescence imaging of electrochemically switchable Langmuir-Blodgett films of Nafion. <i>Langmuir</i> , 2008 , 24, 6367-74	4	31
126	Remote fluorescence imaging of dynamic concentration profiles with micrometer resolution using a coherent optical fiber bundle. <i>Analytical Chemistry</i> , 2004 , 76, 7202-10	7.8	30
125	Rational Design of Electrochemiluminescent Devices. <i>Accounts of Chemical Research</i> , 2021 , 54, 2936-2945	14.3	29
124	Fabrication of a Sub-Micrometer Electrode Array: Electrochemical Characterization and Mapping of an Electroactive Species by Confocal Raman Microspectroscopy. <i>Electroanalysis</i> , 2003 , 15, 548-555	3	27
123	Wireless Synthesis and Activation of Electrochemiluminescent Thermoresponsive Janus Objects Using Bipolar Electrochemistry. <i>Langmuir</i> , 2016 , 32, 12995-13002	4	26
122	Single Biomolecule Imaging by Electrochemiluminescence. <i>Journal of the American Chemical Society</i> , 2021 , 143, 17910-17914	16.4	26
121	Spatially resolved electrochemiluminescence through a chemical lens. <i>Chemical Science</i> , 2020 , 11, 10496-10502	9.1	25
120	Circularly-Polarized Electrochemiluminescence from a Chiral Bispyrene Organic Macrocycle. <i>Angewandte Chemie</i> , 2019 , 131, 7026-7030	3.6	22
119	Intracellular Wireless Analysis of Single Cells by Bipolar Electrochemiluminescence Confined in a Nanopipette. <i>Angewandte Chemie</i> , 2020 , 132, 10502-10506	3.6	22
118	Eosin-Mediated Alkylsulfonyl Cyanation of Olefins. <i>Organic Letters</i> , 2018 , 20, 4521-4525	6.2	22
117	Lithography by Scanning Electrochemical Microscopy with a multiscaled electrode. <i>Analytical Chemistry</i> , 2010 , 82, 5169-75	7.8	22
116	Tuning Electrochemiluminescence in Multistimuli Responsive Hydrogel Films. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 340-345	6.4	21

115	Bright Electrogenenerated Chemiluminescence of a Bis-Donor Quadrupolar Spirofluorene Dye and Its Nanoparticles. <i>Chemistry - A European Journal</i> , 2016 , 22, 12702-14	4.8	21
114	Electrochemical monitoring of the early events of hydrogen peroxide production by mitochondria. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 6655-8	16.4	21
113	Enhanced Detection of Hydrogen Peroxide with Platinized Microelectrode Arrays for Analyses of Mitochondria Activities. <i>Electrochimica Acta</i> , 2014 , 126, 171-178	6.7	21
112	Fabrication, Characterization, and Far-Field Optical Properties of an Ordered Array of Nanoapertures. <i>Nano Letters</i> , 2004 , 4, 1965-1968	11.5	21
111	Remote surface enhanced Raman spectroscopy imaging via a nanostructured optical fiber bundle. <i>Optics Express</i> , 2009 , 17, 24030-5	3.3	20
110	Enhanced annihilation electrochemiluminescence by nanofluidic confinement. <i>Chemical Science</i> , 2018 , 9, 8946-8950	9.4	20
109	Enhanced Bipolar Electrochemistry at Solid-State Micropores: Demonstration by Wireless Electrochemiluminescence Imaging. <i>Analytical Chemistry</i> , 2019 , 91, 8900-8907	7.8	19
108	Potential-Induced Fine-Tuning of the Enantioaffinity of Chiral Metal Phases. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 3471-3475	16.4	19
107	Bright Electrochemiluminescence Tunable in the Near-Infrared of Chiral Cationic Helicene Chromophores. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 785-792	3.8	18
106	Reactivity mapping of luminescence in space: Insights into heterogeneous electrochemiluminescence bioassays. <i>Biosensors and Bioelectronics</i> , 2020 , 165, 112372	11.8	18
105	Electrogenenerated Chemiluminescence of Cationic Triangulene Dyes: Crucial Influence of the Core Heteroatoms. <i>Chemistry - A European Journal</i> , 2015 , 21, 19243-9	4.8	18
104	Glucose sensing by electrogenerated chemiluminescence of glucose-dehydrogenase produced NADH on electrodeposited redox hydrogel. <i>Bioelectrochemistry</i> , 2011 , 82, 63-8	5.6	18
103	Shadow Electrochemiluminescence Microscopy of Single Mitochondria. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 18742-18749	16.4	18
102	Differential Photoluminescent and Electrochemiluminescent Behavior for Resonance Energy Transfer Processes in Thermoresponsive Microgels. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 12954-61	3.4	17
101	Remote NADH imaging through an ordered array of electrochemiluminescent nanoapertures. <i>Bioelectrochemistry</i> , 2006 , 69, 25-33	5.6	17
100	Self-enhanced multicolor electrochemiluminescence by competitive electron-transfer processes. <i>Chemical Science</i> , 2020 , 11, 4508-4515	9.4	17
99	Co(III) complexes of (1,3-selenazol-2-yl)hydrazones and their sulphur analogues. <i>Dalton Transactions</i> , 2017 , 46, 2910-2924	4.3	16
98	Tracking Magnetic Rotating Objects by Bipolar Electrochemiluminescence. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 5318-5324	6.4	16

97	Dual-Color Electrogenerated Chemiluminescence from Dispersions of Conductive Microbeads Addressed by Bipolar Electrochemistry. <i>ChemElectroChem</i> , 2016 , 3, 404-409	4.3	16
96	Light-Emitting Electrochemical Swimmers. <i>Angewandte Chemie</i> , 2012 , 124, 11446-11450	3.6	16
95	Electrochemiluminescence Loss in Photobleaching. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7686-7690	16.4	16
94	Capillary-assisted bipolar electrochemistry: A focused mini review. <i>Electrophoresis</i> , 2017 , 38, 2687-2694	3.6	15
93	Advances in bipolar electrochemiluminescence for the detection of biorelevant molecular targets. <i>Current Opinion in Electrochemistry</i> , 2019 , 16, 28-34	7.2	15
92	Nitrogen monoxide and oxidative stress: composition and intensity of cellular oxidative bursts cocktail. A study through artificial electrochemical synapses on single human fibroblasts. <i>Analisis - European Journal of Analytical Chemistry</i> , 2000 , 28, 506-517		15
91	Asymmetry controlled dynamic behavior of autonomous chemiluminescent Janus microswimmers. <i>Chemical Science</i> , 2020 , 11, 7438-7443	9.4	15
90	Bipolar (Bio)electroanalysis. <i>Annual Review of Analytical Chemistry</i> , 2021 , 14, 65-86	12.5	15
89	Selective electrochemiluminescent sensing of saccharides using boronic acid-modified coreactant. <i>Chemical Communications</i> , 2016 , 52, 12845-12848	5.8	15
88	Efficient Annihilation Electrochemiluminescence of Cationic Helicene Luminophores. <i>ChemElectroChem</i> , 2017 , 4, 1750-1756	4.3	14
87	Carbon nanotube fiber microelectrodes: design, characterization, and optimization. <i>Journal of Nanoscience and Nanotechnology</i> , 2007 , 7, 3373-7	1.3	14
86	Electrochemiluminescence Microscopy of Cells: Essential Role of Surface Regeneration. <i>Analytical Chemistry</i> , 2021 , 93, 1652-1657	7.8	13
85	Wireless Light-Emitting Electrochemical Rotors. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 4930-4934	6.4	12
84	Shearforce positioning of nanoprobe electrode arrays for scanning electrochemical microscopy experiments. <i>Electrochimica Acta</i> , 2015 , 179, 45-56	6.7	12
83	Phenylarsine oxide inhibits ex vivo HIV-1 expression. <i>Biomedicine and Pharmacotherapy</i> , 1997 , 51, 430-8	7.5	12
82	Antagonistic effects leading to turn-on electrochemiluminescence in thermoresponsive hydrogel films. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 32697-32702	3.6	12
81	Full-Spectral Multiplexing of Bioluminescence Resonance Energy Transfer in Three TRPV Channels. <i>Biophysical Journal</i> , 2017 , 112, 87-98	2.9	11
80	Oxygen Plasma Treatment of Platinized Ultramicroelectrodes Increases Sensitivity for Hydrogen Peroxide Detection on Mitochondria. <i>Electroanalysis</i> , 2013 , 25, 656-663	3	11

79	Photopatterning of ultrathin electrochemiluminescent redox hydrogel films. <i>Chemical Communications</i> , 2011 , 47, 9125-7	5.8	11
78	Mechanochemical synthesis of stoichiometric MgFe ₂ O ₄ spinel. <i>Journal of Materials Science: Materials in Electronics</i> , 2009 , 20, 782-787	2.1	11
77	Electrochemical Bromination of Peracetylated Glycols. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 29-34	5.6	11
76	Chiral Macroporous MOF Surfaces for Electroassisted Enantioselective Adsorption and Separation. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 36548-36557	9.5	11
75	Double remote electrochemical addressing and optical readout of electrochemiluminescence at the tip of an optical fiber. <i>Analyst, The</i> , 2016 , 141, 4299-304	5	11
74	Multiplexed Remote SPR Detection of Biological Interactions through Optical Fiber Bundles. <i>Sensors</i> , 2020 , 20,	3.8	10
73	A snapshot of the electrochemical reaction layer by using 3 dimensionally resolved fluorescence mapping. <i>Chemical Science</i> , 2018 , 9, 6622-6628	9.4	10
72	Electrochemical detection of single microbeads manipulated by optical tweezers in the vicinity of ultramicroelectrodes. <i>Analytical Chemistry</i> , 2013 , 85, 8902-9	7.8	10
71	Fast and easy enzyme immobilization by photoinitiated polymerization for efficient bioelectrochemical devices. <i>Analytical Chemistry</i> , 2011 , 83, 2824-8	7.8	10
70	Soft mechanochemical synthesis of MgFe ₂ O ₄ nanoparticles from the mixture of Fe ₂ O ₃ with Mg(OH) ₂ and Fe(OH) ₃ with Mg(OH) ₂ . <i>Materials Science and Technology</i> , 2010 , 26, 968-974	1.5	10
69	Opto-electrochemical nanosensor array for remote DNA detection. <i>Analyst, The</i> , 2011 , 136, 327-31	5	10
68	Electrochemical modulation of remote fluorescence imaging at an ordered opto-electrochemical nanoaperture array. <i>ChemPhysChem</i> , 2004 , 5, 1125-32	3.2	10
67	Reactive Oxygen Species Generated by Cold Atmospheric Plasmas in Aqueous Solution: Successful Electrochemical Monitoring in Situ under a High Voltage System. <i>Analytical Chemistry</i> , 2019 , 91, 8002-8007	7.8	9
66	Highly parallel remote SPR detection of DNA hybridization by micropillar optical arrays. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 2249-2259	4.4	9
65	C-Functionalized Cationic Diazoaxatriangulenes: Late-Stage Synthesis and Tuning of Physicochemical Properties. <i>Chemistry - A European Journal</i> , 2018 , 24, 10186	4.8	9
64	PDMS microwells for multi-parametric monitoring of single mitochondria on a large scale: a study of their individual membrane potential and endogenous NADH. <i>Integrative Biology (United Kingdom)</i> , 2016 , 8, 836-43	3.7	9
63	Monitoring metabolic responses of single mitochondria within poly(dimethylsiloxane) wells: study of their endogenous reduced nicotinamide adenine dinucleotide evolution. <i>Analytical Chemistry</i> , 2013 , 85, 5146-52	7.8	9
62	Electrochemiluminescent polymer films with a suitable redox "turn-off" absorbance window for remote selective sensing of Hg ²⁺ . <i>Analyst, The</i> , 2013 , 138, 4500-4	5	9

61	A new technique to in vivo study the corneocyte features at the surface of the skin. <i>Skin Research and Technology</i> , 2008 , 14, 468-71	1.9	9
60	Remote in vivo imaging of human skin corneocytes by means of an optical fiber bundle. <i>Review of Scientific Instruments</i> , 2007 , 78, 053709	1.7	9
59	Luminescence Amplification at BiVO Photoanodes by Photoinduced Electrochemiluminescence. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 15157-15160	16.4	8
58	Two-Dimensional Electrochemiluminescence: Light Emission Confined at the Oil-Water Interface in Emulsions Stabilized by Luminophore-Grafted Microgels. <i>Langmuir</i> , 2017 , 33, 7231-7238	4	8
57	Optical microwell array for large scale studies of single mitochondria metabolic responses. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 931-41	4.4	8
56	Functionalization of optical nanotip arrays with an electrochemical microcantilever for multiplexed DNA detection. <i>Lab on A Chip</i> , 2013 , 13, 2956-62	7.2	8
55	Electrochemiluminescence with semiconductor (nano)materials.. <i>Chemical Science</i> , 2022 , 13, 2528-2550	9.4	8
54	Chapter 1:Introduction and Overview of Electrogenerated Chemiluminescence. <i>RSC Detection Science</i> , 2019 , 1-28	0.4	8
53	Electrochemistry-Based Light-Emitting Mobile Systems. <i>ChemElectroChem</i> , 2020 , 7, 4853-4862	4.3	8
52	Combined local anodization of titanium and scanning photoelectrochemical mapping of TiO ₂ spot arrays. <i>Electrochimica Acta</i> , 2016 , 222, 84-91	6.7	7
51	Electrogenerated chemiluminescence in an electrodeposited redox hydrogel. <i>Electrochemistry Communications</i> , 2009 , 11, 599-602	5.1	7
50	Electrochemical bromination of peracetylated d-glucal: Effect of DMSO on chemoselectivity. <i>Electrochimica Acta</i> , 2010 , 55, 965-969	6.7	7
49	Applications of Electrogenerated Chemiluminescence in Analytical Chemistry 2017 , 257-291		6
48	Saccharide-induced modulation of photoluminescence lifetime in microgels. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 16812-21	3.6	6
47	Electrochemical Removal of Metal Cations from Wastewater Monitored by Differential Pulse Polarography. <i>Journal of Chemical Education</i> , 2004 , 81, 255	2.4	6
46	Enhanced Cathodic Electrochemiluminescence of Luminol on Iron Electrodes. <i>Analytical Chemistry</i> , 2021 ,	7.8	6
45	Microwell array integrating nanoelectrodes for coupled opto-electrochemical monitorings of single mitochondria. <i>Biosensors and Bioelectronics</i> , 2019 , 126, 672-678	11.8	6
44	Electrochemiluminescence Loss in Photobleaching. <i>Angewandte Chemie</i> , 2021 , 133, 7764-7768	3.6	6

43	Chiroptical detection of a model ruthenium dye in water by circularly polarized-electrochemiluminescence. <i>Chemical Communications</i> , 2020 , 56, 5989-5992	5.8	5
42	Deciphering the Platinized Surface Reactivity to Improve the Detection of Hydrogen Peroxide in Bioanalyses. <i>ChemElectroChem</i> , 2016 , 3, 2288-2296	4.3	5
41	Polarization Induced Electro-Functionalization of Pore Walls: A Contactless Technology. <i>Biosensors</i> , 2019 , 9,	5.9	5
40	Development of an ordered microarray of electrochemiluminescent nanosensors. <i>Measurement Science and Technology</i> , 2006 , 17, 1211-1219	2	5
39	Microarrays of near-field optical probes with adjustable dimensions. <i>Ultramicroscopy</i> , 2006 , 106, 57-65	3.1	5
38	Towards Determining Kinetics of Annihilation Electrogenenerated Chemiluminescence by Concentration-Dependent Luminescent Intensity. <i>Journal of Analysis and Testing</i> , 2019 , 3, 160-165	3.2	4
37	Remote Actuation of a Light-Emitting Device Based on Magnetic Stirring and Wireless Electrochemistry. <i>ChemPhysChem</i> , 2020 , 21, 600-604	3.2	4
36	Luminescence Amplification at BiVO ₄ Photoanodes by Photoinduced Electrochemiluminescence. <i>Angewandte Chemie</i> , 2020 , 132, 15269-15272	3.6	4
35	Electrochemiluminescence reaction pathways in nanofluidic devices. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 4067-4075	4.4	4
34	Photochemical functionalisation of optical nanotips with a rhodamine chemosensor for remote through-fiber detection of Hg ²⁺ . <i>RSC Advances</i> , 2013 , 3, 24140	3.7	4
33	Electrochemical Monitoring of the Early Events of Hydrogen Peroxide Production by Mitochondria. <i>Angewandte Chemie</i> , 2014 , 126, 6773-6776	3.6	4
32	Wireless Enhanced Electrochemiluminescence at a Bipolar Microelectrode in a Solid-State Micropore. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 137509	3.9	4
31	Photoinduced electrochemiluminescence at nanostructured hematite electrodes. <i>Electrochimica Acta</i> , 2021 , 381, 138238	6.7	4
30	Shadow Electrochemiluminescence Microscopy of Single Mitochondria. <i>Angewandte Chemie</i> , 2021 , 133, 18890-18897	3.6	4
29	A microscopy technique that images single reaction events in total darkness. <i>Nature</i> , 2021 , 596, 194-195	50.4	4
28	Dual microelectrodes decorated with nanotip arrays: Fabrication, characterization and spectroelectrochemical sensing. <i>Electrochimica Acta</i> , 2019 , 328, 135105	6.7	3
27	Sensitive electrochemiluminescence biosensing of polynucleotide kinase using the versatility of two-dimensional TiCT MXene nanomaterials.. <i>Analytica Chimica Acta</i> , 2022 , 1191, 339346	6.6	3
26	Optical microwell arrays for large-scale studies of single mitochondria metabolic responses. <i>Methods in Molecular Biology</i> , 2015 , 1264, 47-58	1.4	3

25	Bipolar Electrochemiluminescence Imaging: A Way to Investigate the Passivation of Silicon Surfaces. <i>ChemPhysChem</i> , 2021 , 22, 1094-1100	3.2	3
24	Effects of 50 Hz magnetic fields on gap junctional intercellular communication in NIH3T3 cells. <i>Bioelectromagnetics</i> , 2015 , 36, 287-93	1.6	2
23	Photophysics, Electrochemistry and Efficient Electrochemiluminescence of Trigonal Truxene-Core Dyes. <i>Chemistry - A European Journal</i> , 2020 , 26, 8407-8416	4.8	2
22	Activation of the TRPV1 Thermoreceptor Induced by Modulated or Unmodulated 1800 MHz Radiofrequency Field Exposure. <i>Radiation Research</i> , 2018 , 189, 95-103	3.1	2
21	Optical tweezers in interaction with an apertureless probe. <i>Journal of Applied Physics</i> , 2007 , 102, 024915.	2.5	2
20	Bipolar Electrochemistry	1-53	2
19	Dynamic Electrochemiluminescence Imaging of Single Giant Liposome Opening at Polarized Electrodes.. <i>Analytical Chemistry</i> , 2022 ,	7.8	2
18	Nano-structured optical fiber bundles for remote SPR detection: a first step toward in vivo biomolecular analysis	2017,	1
17	Kinetic investigations of the electrochemical bromination of peracetylated d-glucal in organic solvents. <i>Electrochimica Acta</i> , 2011 , 56, 9968-9972	6.7	1
16	Fluorescence correlation spectroscopy on nano-fakir surfaces	2010,	1
15	Photoelectrochemistry at semiconductor/liquid interfaces triggered by electrochemiluminescence. <i>Cell Reports Physical Science</i> , 2021 , 2, 100670	6.1	1
14	Electrosynthesis of gradient TiO ₂ nanotubes and rapid screening using scanning photoelectrochemical microscopy. <i>Sustainable Energy and Fuels</i> , 2020 , 4, 1099-1104	5.8	1
13	Frontispiece: Bright Electrogenenerated Chemiluminescence of a Bis-Donor Quadrupolar Spirofluorene Dye and Its Nanoparticles. <i>Chemistry - A European Journal</i> , 2016 , 22,	4.8	1
12	6. Biochemical sensing based on bipolar electrochemistry	2019, 101-120	1
11	Potential-Induced Fine-Tuning of the Enantioaffinity of Chiral Metal Phases. <i>Angewandte Chemie</i> , 2018 , 131, 3509	3.6	1
10	Interplay between electrochemistry and optical imaging: The whole is greater than the sum of the parts. <i>Current Opinion in Electrochemistry</i> , 2022 , 101007	7.2	1
9	Enhancing the sensitivity of plasmonic optical fiber sensors by analyzing the distribution of the optical modes intensity. <i>Optics Express</i> , 2020 , 28, 28740-28749	3.3	0
8	Near-infrared electrochemiluminescence in water through regioselective sulfonation of diaza [4] and [6]helicene dyes. <i>Chemical Communications</i> , 2020 , 56, 9771-9774	5.8	0

- | | | | |
|---|--|------|---|
| 7 | Lorentz Force-Driven Autonomous Janus Swimmers. <i>Journal of the American Chemical Society</i> , 2021 , 143, 12708-12714 | 16.4 | o |
| 6 | Anti-Stokes photoinduced electrochemiluminescence at a photocathode. <i>Chemical Communications</i> , | 5.8 | o |
| 5 | Electrochemiluminescence in Thermo-Responsive Hydrogel Films with Tunable Thickness. <i>Journal of Analysis and Testing</i> , 2020 , 4, 107-113 | 3.2 | |
| 4 | Physicochemical and Electronic Properties of Cationic [6]Helicenes: from Chemical and Electrochemical Stabilities to Far-Red (Polarized) Luminescence. <i>Chemistry - A European Journal</i> , 2016 , 22, 18273-18273 | 4.8 | |
| 3 | Fiber-Optic Biosensors 2013 , 335-351 | | |
| 2 | Ultramicroelectrodes: Their Use in Semi-Artificial Synapses 1998 , 409-412 | | |
| 1 | Single-Particle Tracking Method in Fluorescence Microscopy to Monitor Bioenergetic Responses of Individual Mitochondria. <i>Methods in Molecular Biology</i> , 2021 , 2276, 153-163 | 1.4 | |