

Elena Villani

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

521
citations

933447

10
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

461
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	13.7	221
2	An electrochemiluminescence-supramolecular approach to sarcosine detection for early diagnosis of prostate cancer. <i>Faraday Discussions</i> , 2015, 185, 299-309.	3.2	45
3	Numerical Simulation of Doped Silica Nanoparticle Electrochemiluminescence. <i>Journal of Physical Chemistry C</i> , 2015, 119, 26111-26118.	3.1	39
4	Recent Advances in Electrochemiluminescence-Based Systems for Mammalian Cell Analysis. <i>Micromachines</i> , 2020, 11, 530.	2.9	39
5	Solid state electrochemiluminescence from homogeneous and patterned monolayers of bifunctional spirobifluorene. <i>Chemical Communications</i> , 2018, 54, 4999-5002.	4.1	31
6	Mapping the Distribution of Potential Gradient in Bipolar Electrochemical Systems through Luminol Electrochemiluminescence Imaging. <i>Analytical Chemistry</i> , 2021, 93, 8152-8160.	6.5	30
7	Coreactant electrochemiluminescence at nanoporous gold electrodes. <i>Electrochimica Acta</i> , 2018, 277, 168-175.	5.2	24
8	Recent progress in bipolar electropolymerization methods toward one-dimensional conducting polymer structures. <i>Current Opinion in Electrochemistry</i> , 2021, 28, 100702.	4.8	21
9	Electrogenerated chemiluminescence of luminol on wireless conducting polymer films. <i>Electrochimica Acta</i> , 2021, 389, 138718.	5.2	18
10	Chemo- and Magnetotaxis of Self-Propelled Light-Emitting Chemo-electronic Swimmers. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7508-7513.	13.8	17
11	Bipolar Electrochemical Fluorination of Triphenylmethane and Bis(phenylthio)diphenylmethane Derivatives in a U-shaped Cell. <i>Electrochemistry</i> , 2021, 89, 476-479.	1.4	9
12	Electropolymerization without an electric power supply. <i>Communications Chemistry</i> , 2022, 5, .	4.5	8
13	A Flow Electrochemical Cell with Split Bipolar Electrode for Anodic Oxidation of Organic Compounds. <i>ChemElectroChem</i> , 2022, 9, .	3.4	7
14	Electrochemically Driven Luminescence in Organometallic and Inorganic Systems. , 2017, , 293-326.		6
15	Chapter 6. The Essential Role of Electrode Materials in ECL Applications. <i>RSC Detection Science</i> , 2019, , 159-175.	0.0	3
16	Fabrication of luminescent patterns using aggregation-induced emission molecules by an electrolytic micelle disruption approach. <i>Aggregate</i> , 0, , .	9.9	3
17	Electrochemiluminescence Imaging of Conducting Polymer Film Structures. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 2759-2759.	0.0	0
18	6 Bipolar Electrochemistry for Synthesis. , 2022, , .		0