

# Silvia Voci

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

692  
citations

623734

14  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

615  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping Solvent Entrapment in Multiphase Systems by Electrogenerated Chemiluminescence. <i>Langmuir</i> , 2021, 37, 2907-2912.	3.5	18
2	Bipolar Electrochemiluminescence Imaging: A Way to Investigate the Passivation of Silicon Surfaces. <i>ChemPhysChem</i> , 2021, 22, 1094-1100.	2.1	6
3	Electrodeposition of ligand-free copper nanoparticles from aqueous nanodroplets. <i>Journal of Materials Chemistry A</i> , 2021, 9, 20048-20057.	10.3	13
4	Asymmetry controlled dynamic behavior of autonomous chemiluminescent Janus microswimmers. <i>Chemical Science</i> , 2020, 11, 7438-7443.	7.4	19
5	Near-infrared electrochemiluminescence in water through regioselective sulfonation of diaza [4] and [6]helicene dyes. <i>Chemical Communications</i> , 2020, 56, 9771-9774.	4.1	11
6	Water-Mediated ElectroHydrogenation of CO <sub>2</sub> at Near-Equilibrium Potential by Carbon Nanotubes/Cerium Dioxide Nanohybrids. <i>ACS Applied Energy Materials</i> , 2020, 3, 8509-8518.	5.1	23
7	Photophysics, Electrochemistry and Efficient Electrochemiluminescence of Trigonal Truxene-Core Dyes. <i>Chemistry - A European Journal</i> , 2020, 26, 8407-8416.	3.3	4
8	Multiplexed Remote SPR Detection of Biological Interactions through Optical Fiber Bundles. <i>Sensors</i> , 2020, 20, 511.	3.8	19
9	Chiroptical detection of a model ruthenium dye in water by circularly polarized-electrochemiluminescence. <i>Chemical Communications</i> , 2020, 56, 5989-5992.	4.1	10
10	Electrochemiluminescence reaction pathways in nanofluidic devices. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 4067-4075.	3.7	6
11	Self-enhanced multicolor electrochemiluminescence by competitive electron-transfer processes. <i>Chemical Science</i> , 2020, 11, 4508-4515.	7.4	47
12	Wireless Enhanced Electrochemiluminescence at a Bipolar Microelectrode in a Solid-State Micropore. <i>Journal of the Electrochemical Society</i> , 2020, 167, 137509.	2.9	7
13	Tracking Magnetic Rotating Objects by Bipolar Electrochemiluminescence. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5318-5324.	4.6	24
14	Enhanced Bipolar Electrochemistry at Solid-State Micropores: Demonstration by Wireless Electrochemiluminescence Imaging. <i>Analytical Chemistry</i> , 2019, 91, 8900-8907.	6.5	26
15	Circularly Polarized Electrochemiluminescence from a Chiral Bispyrene Organic Macrocyclic. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6952-6956.	13.8	105
16	Circularly Polarized Electrochemiluminescence from a Chiral Bispyrene Organic Macrocyclic. <i>Angewandte Chemie</i> , 2019, 131, 7026-7030.	2.0	32
17	Highly parallel remote SPR detection of DNA hybridization by micropillar optical arrays. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 2249-2259.	3.7	14
18	Cationic Functionalized Cationic Diazoatriangulenes: Late-Stage Synthesis and Tuning of Physicochemical Properties. <i>Chemistry - A European Journal</i> , 2018, 24, 10186-10195.	3.3	18

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19	Enhanced annihilation electrochemiluminescence by nanofluidic confinement. <i>Chemical Science</i> , 2018, 9, 8946-8950.	7.4	31
20	Surface-Confined Electrochemiluminescence Microscopy of Cell Membranes. <i>Journal of the American Chemical Society</i> , 2018, 140, 14753-14760.	13.7	221
21	Efficient Annihilation Electrochemiluminescence of Cationic Helicene Luminophores. <i>ChemElectroChem</i> , 2017, 4, 1750-1756.	3.4	19
22	Wireless Light-Emitting Electrochemical Rotors. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4930-4934.	4.6	19