Elisa Fresta

List of Publications by Year
in descending order

29	964	567281 15	454955 30
papers	citations	h-index	g-index

30	30	30	1019
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Beyond traditional light-emitting electrochemical cells â€“ a review of new device designs and emitters. Journal of Materials Chemistry C, 2017, 5, 5643-5675.	5.5	210
2	Polypyridyl ligands as a versatile platform for solid-state light-emitting devices. Chemical Society Reviews, 2019, 48, 5033-5139.	38.1	93
3	White perovskite based lighting devices. Chemical Communications, 2018, 54, 8150-8169.	4.1	70
4	Merging Biology and Solidâ€State Lighting: Recent Advances in Lightâ€Emitting Diodes Based on Biological Materials. Advanced Functional Materials, 2018, 28, 1707011.	14.9	63
5	Rationalizing Fabrication and Design Toward Highly Efficient and Stable Blue Lightâ€Emitting Electrochemical Cells Based on NHC Copper(I) Complexes. Advanced Functional Materials, 2018, 28, 1707423.	14.9	61
6	Novel Ligand and Device Designs for Stable Light-Emitting Electrochemical Cells Based on Heteroleptic Copper(I) Complexes. Inorganic Chemistry, 2018, 57, 10469-10479.	4.0	59
7	White Lightâ€Emitting Electrochemical Cells Based on Deepâ€Red Cu(I) Complexes. Advanced Optical Materials, 2019, 7, 1900830.	7.3	50
8	Contextualizing yellow light-emitting electrochemical cells based on a blue-emitting imidazo-pyridine emitter. Polyhedron, 2018, 140, 129-137.	2.2	39
9	Advances and Challenges in White Lightâ€Emitting Electrochemical Cells. Advanced Functional Materials, 2020, 30, 1908176.	14.9	34
10	White-emitting organometallo-silica nanoparticles for sun-like light-emitting diodes. Materials Horizons, 2019, 6, 130-136.	12.2	32
11	Deciphering the Electroluminescence Behavior of Silver(I)â€Complexes in Lightâ€Emitting Electrochemical Cells: Limitations and Solutions toward Highly Stable Devices. Advanced Functional Materials, 2019, 29, 1901797.	14.9	25
12	Revealing the Impact of Heat Generation Using Nanographene-Based Light-Emitting Electrochemical Cells. ACS Applied Materials & Interfaces, 2020, 12, 28426-28434.	8.0	24
13	Origin of the Exclusive Ternary Electroluminescent Behavior of BNâ€Doped Nanographenes in Efficient Singleâ€Component White Lightâ€Emitting Electrochemical Cells. Advanced Functional Materials, 2020, 30, 1906830.	14.9	23
14	Bright, stable, and efficient red light-emitting electrochemical cells using contorted nanographenes. Nanoscale Horizons, 2020, 5, 473-480.	8.0	18
15	Key Ionic Electrolytes for Highly Selfâ€Stable Lightâ€Emitting Electrochemical Cells Based on Ir(III) Complexes. Advanced Optical Materials, 2020, 8, 2000295.	7.3	18
16	Multivariate Analysis Identifying [Cu(N^N)(P^P)]⁺ Design and Device Architecture Enables Firstâ€Class Blue and White Lightâ€Emitting Electrochemical Cells. Advanced Materials, 2022, 34, e2109228.	21.0	18
17	Supramolecular Chalcogenâ€Bonded Semiconducting Nanoribbons at Work in Lighting Devices. Angewandte Chemie - International Edition, 2022, 61, .	13.8	18
18	Photoluminescent Cu(<scp>i</scp>) vs. Ag(<scp>i</scp>) complexes: slowing down emission in Cu(<scp>i</scp>) complexes by pentacoordinate low-lying excited states. Dalton Transactions, 2019, 48, 9765-9775.	3.3	16

#	Article	IF	Citations
19	Merging Biology and Photovoltaics: How Nature Helps Sunâ€Catching. Advanced Energy Materials, 2021, 11, 2100520.	19.5	15
20	Novel Redâ€Emitting Copper(I) Complexes with Pyrazine and Pyrimidinyl Ancillary Ligands for White Lightâ€Emitting Electrochemical Cells. Advanced Optical Materials, 2022, 10, 2101999.	7.3	14
21	Towards rainbow photo/electro-luminescence in copper(<scp>i</scp>) complexes with the versatile bridged bis-pyridyl ancillary ligand. Dalton Transactions, 2021, 50, 11049-11060.	3.3	11
22	Strategies to increase the quantum yield: Luminescent methoxylated imidazo[1,5-a]pyridines. Dyes and Pigments, 2021, 192, 109455.	3.7	11
23	BODIPYâ€Ptâ€Porphyrins Polyads for Efficient Nearâ€Infrared Lightâ€Emitting Electrochemical Cells. Advanced Photonics Research, 2021, 2, 2000188.	3.6	10
24	Versatile Biogenic Electrolytes for Highly Performing and Selfâ€Stable Lightâ€Emitting Electrochemical Cells. Advanced Functional Materials, 2022, 32, .	14.9	8
25	Microwave-Assisted Synthesis, Optical and Theoretical Characterization of Novel 2-(imidazo[1,5-a]pyridine-1-yl)pyridinium Salts. Chemistry, 2021, 3, 714-727.	2.2	7
26	Versatile Homoleptic Naphthylâ€Acetylide Heteronuclear [Pt 2 M 4 (Cï£½Câ€Np) 8] (M = Ag, Cu) Phosphors for Highly Efficient White and NIR Hybrid Lightâ€Emitting Diodes. Advanced Optical Materials, 2020, 8, 1901126.	7.3	6
27	Peripheral Substitution of Tetraphenyl Porphyrins: Fineâ€Tuning Selfâ€Assembly for Enhanced Electroluminescence. ChemPlusChem, 2018, 83, 254-265.	2.8	4
28	Supramolecular Chalcogenâ€Bonded Semiconducting Nanoribbons at Work in Lighting Devices. Angewandte Chemie, 2022, 134, .	2.0	3
29	Synthesis and Crystal Structure of Bis(2-phenylpyridine-C,Nâ€™)-bis(acetonitrile)iridium(III)hexafluorophosphate Showing Three Anion/Cation Couples in the Asymmetric Unit. Crystals, 2019, 9, 617.	2.2	2