Samia Zrig

List of Publications by Year
in descending order

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26 papers	737 citations	759233 12 h-index	610901 24 g-index
27 all docs	27 docs citations	27 times ranked	1235 citing authors

#	Article	IF	Citations
1	Enantioselective epoxidation of olefins with chiral metalloporphyrin catalysts. Chemical Society Reviews, 2005, 34, 573.	38.1	215
2	Progress toward the first observation of parity violation in chiral molecules by highâ€resolution laser spectroscopy. Chirality, 2010, 22, 870-884.	2.6	129
3	Multifunctional and Reactive Enantiopure Organometallic Helicenes: Tuning Chiroptical Properties by Structural Variations of Monoâ€and Bis(platinahelicene)s. Chemistry - A European Journal, 2011, 17, 14178-14198.	3.3	62
4	Engineering Tuneable Light-Harvesting Systems with Oligothiophene Donors and Mono- or Bis-Bodipy Acceptors. Journal of Organic Chemistry, 2008, 73, 1563-1566.	3.2	55
5	Î›-Type Regioregular Oligothiophenes:Â Synthesis and Second-Order NLO Properties. Journal of Organic Chemistry, 2007, 72, 5855-5858.	3.2	39
6	Challenges, Prospects, and Emerging Applications of Inkjetâ€Printed Electronics: A Chemist's Point of View. Angewandte Chemie - International Edition, 2022, 61, .	13.8	35
7	Fabrication and Use of Organic Electrochemical Transistors for Sensing of Metabolites in Aqueous Media. Applied Sciences (Switzerland), 2018, 8, 928.	2.5	29
8	A Chiroptical Study of Chiral Î›- and X- Type Oligothiophenes Toward Modelling the Interchain Interactions of Chiral Conjugated Polymers. Chemistry of Materials, 2008, 20, 2133-2143.	6.7	27
9	A chiral rhenium complex with predicted high parity violation effects: synthesis, stereochemical characterization by VCD spectroscopy and quantum chemical calculations. Physical Chemistry Chemical Physics, 2013, 15, 10952.	2.8	21
10	Electrolyte-gated organic field-effect transistors (EGOFETs) as complementary tools to electrochemistry for the study of surface processes. Electrochemistry Communications, 2019, 98, 43-46.	4.7	16
11	Self-Assembly of Nanoparticles from Evaporating Sessile Droplets: Fresh Look into the Role of Particle/Substrate Interaction. Langmuir, 2020, 36, 11411-11421.	3.5	13
12	Gold nanoparticle-based eco-friendly ink for electrode patterning on flexible substrates. Electrochemistry Communications, 2021, 123, 106918.	4.7	13
13	Monitoring photosynthetic microorganism activity with an electrolyte-gated organic field effect transistor. Biosensors and Bioelectronics, 2020, 157, 112166.	10.1	12
14	Electrocatalytic miRNA Detection Using Cobalt Porphyrin-Modified Reduced Graphene Oxide. Sensors, 2014, 14, 9984-9994.	3.8	11
15	Improved synthesis of 2,2â€²-dimethoxy-1,1â€²-binaphthyl-3,3â€²-diacetic acid derivatives. Tetrahedron Letters, 2005, 46, 1103-1105.	1.4	10
16	Morphological Control of Linear Particle Deposits from the Drying of Inkjet-Printed Rivulets. Journal of Physical Chemistry Letters, 2020, 11, 4559-4563.	4.6	8
17	Self-Assembly of Gold Nanoparticles with Oppositely Charged, Long, Linear Chains of Periodic Copolymers. Journal of Physical Chemistry B, 2020, 124, 900-908.	2.6	7
18	All-Inkjet-Printed Humidity Sensors for the Detection of Relative Humidity in Air and Soilâ€"Towards the Direct Fabrication on Plant Leaves. MRS Advances, 2020, 5, 965-973.	0.9	7

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19	A frugal implementation of Surface Enhanced Raman Scattering for sensing Zn2+ in freshwaters â€“ In depth investigation of the analytical performances. Scientific Reports, 2020, 10, 1883.	3.3	6
20	In-solution patterning of standing up porphyrin based nanostructures within hydrogen bonded porous networks â€“ a structural effect of a host matrix on guest entities. Chemical Communications, 2016, 52, 5742-5745.	4.1	5
21	In vivo electrochemically-assisted polymerization of conjugated functionalized terthiophenes inside the vascular system of a plant. Electrochemistry Communications, 2022, 137, 107270.	4.7	5
22	Long-range ordered nanodomains of grafted electroactive molecules. Journal of Chemical Physics, 2013, 139, 204703.	3.0	4
23	Nanodomains of Juglonethiol on Au(111): Relationship between Domain Size and Electrochemical Properties. Journal of Physical Chemistry C, 2015, 119, 29015-29026.	3.1	4
24	Nanoscale Mapping of Photoâ€Induced Charge Carriers Generated at Interfaces of a Donor/Acceptor 2Dâ€Assembly by Lightâ€Assistedâ€Scanning Tunneling Microscopy. Advanced Materials Interfaces, 2020, 7, 2001325.	3.7	2
25	Challenges, Prospects, and Emerging Applications of Inkjetâ€Printed Electronics: A Chemist's Point of View. Angewandte Chemie, 0, , .	2.0	2
26	Enantioselective Epoxidation of Olefins with Chiral Metalloporphyrin Catalysts. ChemInform, 2005, 36, no.	0.0	0