

# Giuseppe Mazzeo

## List of Publications by Year in descending order

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papers

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citations

566801

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docs citations

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times ranked

1101  
citing authors

#	ARTICLE	IF	CITATIONS
1	Circularly Polarized Luminescence: A Review of Experimental and Theoretical Aspects. <i>Chirality</i> , 2016, 28, 696-707.	1.3	339
2	OFF/ON switching of circularly polarized luminescence by oxophilic interaction of homochiral sulfoxide-containing <i>ortho</i> -OPEs with metal cations. <i>Chemical Communications</i> , 2018, 54, 13985-13988.	2.2	53
3	A Multi-Channel Algorithm for Mapping Volcanic Thermal Anomalies by Means of Sentinel-2 MSI and Landsat-8 OLI Data. <i>Remote Sensing</i> , 2019, 11, 2876.	1.8	42
4	Sulfoxide-Induced Homochiral Folding of <i>ortho</i> -Phenylene Ethynylenes ( <i>ortho</i> -OPEs) by Silver(I) Templating: Structure and Chiroptical Properties. <i>Chemistry - A European Journal</i> , 2018, 24, 2653-2662.	1.7	38
5	Bicamphor: A Prototypic Molecular System to Investigate Vibrational Excitons. <i>Journal of Physical Chemistry A</i> , 2015, 119, 4261-4267.	1.1	37
6	Structural and Optical Properties of Inherently Chiral Polythiophenes: A Combined CD-Electrochemistry, Circularly Polarized Luminescence, and TD-DFT Investigation. <i>Journal of Physical Chemistry C</i> , 2014, 118, 16019-16027.	1.5	32
7	Identification of dust outbreaks on infrared MSG-SEVIRI data by using a Robust Satellite Technique (RST). <i>Acta Astronautica</i> , 2014, 93, 64-70.	1.7	28
8	Time domain analysis of robust satellite techniques (RST) for near real-time monitoring of active volcanoes and thermal precursor identification. <i>Physics and Chemistry of the Earth</i> , 2009, 34, 380-385.	1.2	27
9	RST-FIRES, an exportable algorithm for early-fire detection and monitoring: description, implementation, and field validation in the case of the MSG-SEVIRI sensor. <i>Remote Sensing of Environment</i> , 2016, 186, 196-216.	4.6	26
10	The Contribution of Multi-Sensor Infrared Satellite Observations to Monitor Mt. Etna (Italy) Activity during May to August 2016. <i>Remote Sensing</i> , 2018, 10, 1948.	1.8	26
11	On the Exportability of Robust Satellite Techniques (RST) for Active Volcano Monitoring. <i>Remote Sensing</i> , 2010, 2, 1575-1588.	1.8	24
12	A Multi-temporal Robust Satellite Technique (RST) for Forest Fire Detection. , 2007, , .		23
13	Highly enantioselective $\pi$ -inherently chiral $\pi$ -electroactive materials based on a 2,2'-biindole atropisomeric scaffold. <i>Chemical Science</i> , 2019, 10, 2708-2717.	3.7	22
14	pH Dependent Chiroptical Properties of (1 <i>R</i> ,2 <i>R</i> )- and (1 <i>S</i> ,2 <i>S</i> )- <i>trans</i> -Cyclohexane Diesters and Diamides from VCD, ECD, and CPL Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2016, 120, 2380-2387.	1.2	21
15	Mt. Etna Paroxysms of February–April 2021 Monitored and Quantified through a Multi-Platform Satellite Observing System. <i>Remote Sensing</i> , 2021, 13, 3074.	1.8	17
16	Extended enantiopure <i>ortho</i> -phenylene ethylene ( <i>ortho</i> -OPE)-based helical systems as scaffolds for supramolecular architectures: a study of chiroptical response and its connection to the CISS effect. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5071-5086.	2.3	16
17	Control of the Helical Chirality of Enantiopure Sulfinyl ( <i>Z</i> )-Azobenzene-Based Photoswitches. <i>Chemistry - A European Journal</i> , 2013, 19, 3397-3406.	1.7	12
18	A Multitemporal Investigation of AMSR-E C-Band Radio-Frequency Interference. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013, 51, 2007-2015.	2.7	10

#	ARTICLE	IF	CITATIONS
19	Issues and Possible Improvements in Winter Fires Detection by Satellite Radiances Analysis: Lesson Learned in Two Regions of Northern Italy. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 3297-3313.	2.3	10
20	Implementation of the NHI (Normalized Hot Spot Indices) Algorithm on Infrared ASTER Data: Results and Future Perspectives. Sensors, 2021, 21, 1538.	2.1	10
21	Optically active Ag( <i>scpi</i> ): <i>o</i> -OPE helicates using a single homochiral sulfoxide as chiral inducer. Organic and Biomolecular Chemistry, 2019, 17, 8425-8434.	1.5	8
22	Integrated Satellite System for Fire Detection and Prioritization. Remote Sensing, 2022, 14, 335.	1.8	8
23	Self-Standing Membranes Consisting of Inherently Chiral Electroactive Oligomers: Electrosynthesis, Characterization and Preliminary Tests in Potentiometric Setups. ChemElectroChem, 2019, 6, 4204-4214.	1.7	6
24	Assessment and validation in time domain of a Robust Satellite Technique (RST <sub>ASH</sub> ) for ash cloud detection. Geomatics, Natural Hazards and Risk, 2011, 2, 247-262.	2.0	5
25	Robust satellite techniques for thermal volcanic activity monitoring, early warning and possible prediction of new eruptive events. , 2009, , .		4
26	Detection of Saharan dust by spatial/spectral signatures in VIS-TIR satellite radiances. , 2009, , .		0
27	Erratum to "RST-FIRES, an exportable algorithm for early-fire detection and monitoring: Description, implementation, and field validation in the case of the MSG-SEVIRI sensor" [Remote Sens. Environ. 186 (2016) 196-216]. Remote Sensing of Environment, 2017, 192, e1.	4.6	0