

Andrea Valsesia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/654313/publications.pdf>

Version: 2024-02-01

15
papers

337
citations

933447

10
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

419
citing authors

#	ARTICLE	IF	CITATIONS
1	Zero-waste approach in municipal solid waste incineration: Reuse of bottom ash to stabilize fly ash. <i>Journal of Cleaner Production</i> , 2020, 245, 118779.	9.3	93
2	Direct quantification of nanoparticle surface hydrophobicity. <i>Communications Chemistry</i> , 2018, 1, .	4.5	41
3	Detecting Micro- and Nanoplastics Released from Food Packaging: Challenges and Analytical Strategies. <i>Polymers</i> , 2022, 14, 1238.	4.5	27
4	Characterisation of nanomaterial hydrophobicity using engineered surfaces. <i>Journal of Nanoparticle Research</i> , 2017, 19, 117.	1.9	25
5	Review of the Reuse Possibilities Concerning Ash Residues from Thermal Process in a Medium-Sized Urban System in Northern Italy. <i>Sustainability</i> , 2020, 12, 4193.	3.2	25
6	Detection, counting and characterization of nanoplastics in marine bioindicators: a proof of principle study. <i>Microplastics and Nanoplastics</i> , 2021, 1, .	8.8	25
7	The first material made for air pollution control able to sequester fine and ultrafine air particulate matter. <i>Sustainable Cities and Society</i> , 2020, 53, 101961.	10.4	23
8	SUNSPACE, A Porous Material to Reduce Air Particulate Matter (PM). <i>Frontiers in Chemistry</i> , 2018, 6, 534.	3.6	22
9	Combining microcavity size selection with Raman microscopy for the characterization of Nanoplastics in complex matrices. <i>Scientific Reports</i> , 2021, 11, 362.	3.3	18
10	Detection and formation mechanisms of secondary nanoplastic released from drinking water bottles. <i>Water Research</i> , 2022, 222, 118848.	11.3	14
11	Preparation and Photocatalytic Performance of TiO ₂ Nanowire-Based Self-Supported Hybrid Membranes. <i>Molecules</i> , 2022, 27, 2951.	3.8	10
12	Dark Field Microscopy-Based Biosensors for the Detection of E. coli in Environmental Water Samples. <i>Sensors</i> , 2019, 19, 4652.	3.8	9
13	New Detection Platform for Screening Bacteria in Liquid Samples. <i>Biosensors</i> , 2021, 11, 142.	4.7	3
14	Nano-mechanical in-process monitoring of antimicrobial poration in model phospholipid bilayers. <i>RSC Advances</i> , 2017, 7, 19081-19084.	3.6	2
15	Novel Fabrication Routes of Metallic Micromembranes for In Situ Mechanical Testing. <i>Metals</i> , 2022, 12, 468.	2.3	0