

Sebastiano Cataldo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4441092/publications.pdf>

Version: 2024-02-01

26
papers

1,182
citations

516710

16
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

2258
citing authors

#	ARTICLE	IF	CITATIONS
1	Pseudo-Planar Organic Heterojunctions by Sequential Printing of Quasi-Miscible Inks. <i>Coatings</i> , 2021, 11, 586.	2.6	4
2	Overview on Lead-Cooled Fast Reactor Design and Related Technologies Development in ENEA. <i>Energies</i> , 2021, 14, 5157.	3.1	25
3	Development of anti-permeation and corrosion barrier coatings for the WCLL breeding blanket of the European DEMO. <i>Fusion Engineering and Design</i> , 2021, 170, 112453.	1.9	26
4	SORGENTINA-RF project: fusion neutrons for ^{99}Mo medical radioisotope. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	13
5	Fusion technologies development at ENEA Brasimone Research Centre: Status and perspectives. <i>Fusion Engineering and Design</i> , 2020, 160, 112008.	1.9	9
6	Aqueous Processed Biopolymer Interfaces for Single-Cell Microarrays. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 3174-3186.	5.2	13
7	Nonprecious Copper-Based Transparent Top Electrode via Seed Layer-Assisted Thermal Evaporation for High-Performance Semitransparent SnP Perovskite Solar Cells. <i>Advanced Materials Technologies</i> , 2019, 4, 1800688.	5.8	41
8	Enhanced power-conversion efficiency in organic solar cells incorporating copolymeric phase-separation modulators. <i>Journal of Materials Chemistry A</i> , 2018, 6, 3884-3894.	10.3	22
9	Multi-doped Brookite-Prevalent TiO_2 Photocatalyst with Enhanced Activity in the Visible Light. <i>Catalysis Letters</i> , 2018, 148, 2459-2471.	2.6	8
10	Thiophene pyrenyl derivatives for the supramolecular processability of single-walled carbon nanotubes in thin film heterojunction. <i>Synthetic Metals</i> , 2017, 229, 7-15.	3.9	14
11	Donor-Acceptor Interfaces by Engineered Nanoparticles Assemblies for Enhanced Efficiency in Plastic Planar Heterojunction Solar Cells. <i>Journal of Physical Chemistry C</i> , 2016, 120, 26588-26599.	3.1	9
12	Symmetric naphthalenediimidequaterthiophenes for electropolymerized electrochromic thin films. <i>Journal of Materials Chemistry C</i> , 2015, 3, 5985-5994.	5.5	27
13	An insight into the functionalisation of carbon nanotubes by diazonium chemistry: Towards a controlled decoration. <i>Carbon</i> , 2014, 74, 73-82.	10.3	61
14	Self-organization and nanostructural control in thin film heterojunctions. <i>Nanoscale</i> , 2014, 6, 3566-3575.	5.6	20
15	Polymeric Thin Films for Organic Electronics: Properties and Adaptive Structures. <i>Materials</i> , 2013, 6, 1159-1190.	2.9	34
16	Carnosine Inhibits $\text{A}\beta_{42}$ Aggregation by Perturbing the H-Bond Network in and around the Central Hydrophobic Cluster. <i>ChemBioChem</i> , 2013, 14, 583-592.	2.6	76
17	Copper(ii) and zinc(ii) dependent effects on $\text{A}\beta_{42}$ aggregation: a CD, Th-T and SFM study. <i>New Journal of Chemistry</i> , 2013, 37, 1206.	2.8	13
18	(<i>E</i>)-2-Cyano-3-(5-piperidin-1-yl-2,2-bithien-5-yl)acrylic Acid: A Fluorescent Probe for Detecting Prefibrillar Oligomers. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3635-3639.	2.4	6

#	ARTICLE	IF	CITATIONS
19	Carbon nanotubes and organic solar cells. <i>Energy and Environmental Science</i> , 2012, 5, 5919-5940.	30.8	158
20	Organoboron Polymers for Photovoltaic Bulk Heterojunctions. <i>Macromolecular Rapid Communications</i> , 2010, 31, 1281-1286.	3.9	58
21	The zero field self-organization of cobalt/surfactant nanocomposite thin films. <i>Nanotechnology</i> , 2009, 20, 225605.	2.6	4
22	Design and synthesis of new trehalose-conjugated pentapeptides as inhibitors of A β 2(1-42) fibrillogenesis and toxicity. <i>Journal of Peptide Science</i> , 2009, 15, 220-228.	1.4	43
23	Protective Effects of L- and D-Carnosine on β -Crystallin Amyloid Fibril Formation: Implications for Cataract Disease. <i>Biochemistry</i> , 2009, 48, 6522-6531.	2.5	52
24	β -Amyloid Monomers Are Neuroprotective. <i>Journal of Neuroscience</i> , 2009, 29, 10582-10587.	3.6	350
25	Self-Organization Pathways and Spatial Heterogeneity in Insulin Amyloid Fibril Formation. <i>Journal of Physical Chemistry B</i> , 2009, 113, 10830-10837.	2.6	54
26	SPM and TOF-SIMS investigation of the physical and chemical modification induced by tip writing of self-assembled monolayers. <i>Materials Science and Engineering C</i> , 2003, 23, 7-12.	7.3	42