

Paola Semeraro

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Photocatalytic Degradation of Tetracycline by ZnO/ β -Fe ₂ O ₃ Paramagnetic Nanocomposite Material. <i>Nanomaterials</i> , 2020, 10, 1458.	1.9	56
2	Administration of Reconstituted Polyphenol Oil Bodies Efficiently Suppresses Dendritic Cell Inflammatory Pathways and Acute Intestinal Inflammation. <i>PLoS ONE</i> , 2014, 9, e88898.	1.1	46
3	Interaction between industrial textile dyes and cyclodextrins. <i>Dyes and Pigments</i> , 2015, 119, 84-94.	2.0	45
4	Molecular interactions, characterization and photoactivity of Chlorophyll a/chitosan/ β -cyclodextrin composite films as functional and active surfaces for ROS production. <i>Food Hydrocolloids</i> , 2016, 58, 98-112.	5.6	45
5	Chlorophyll a in cyclodextrin supramolecular complexes as a natural photosensitizer for photodynamic therapy (PDT) applications. <i>Materials Science and Engineering C</i> , 2018, 85, 47-56.	3.8	42
6	An insight on type I collagen from horse tendon for the manufacture of implantable devices. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 291-306.	3.6	42
7	Perylene Bisimide Aggregates as Probes for Subnanomolar Discrimination of Aromatic Biogenic Amines. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 17079-17089.	4.0	38
8	Operational parameters affecting the atrazine removal from water by using cyclodextrin based polymers as efficient adsorbents for cleaner technologies. <i>Environmental Technology and Innovation</i> , 2019, 16, 100454.	3.0	36
9	Adsorption Properties of β - and Hydroxypropyl- β -Cyclodextrins Cross-Linked with Epichlorohydrin in Aqueous Solution. A Sustainable Recycling Strategy in Textile Dyeing Process. <i>Polymers</i> , 2019, 11, 252.	2.0	36
10	Sub- and Supramolecular X-ray Characterization of Engineered Tissues from Equine Tendon, Bovine Dermis, and Fish Skin Type I Collagen. <i>Macromolecular Bioscience</i> , 2020, 20, e2000017.	2.1	34
11	Spectroscopic Investigation of the Selective Interaction of Mercuric and Cupric Ions with a Porphyrin Active Layer. <i>Journal of Physical Chemistry C</i> , 2014, 118, 12384-12390.	1.5	32
12	An Alternative Use of Olive Pomace as a Wide-Ranging Bioremediation Strategy to Adsorb and Recover Disperse Orange and Disperse Red Industrial Dyes from Wastewater. <i>Separations</i> , 2017, 4, 29.	1.1	30
13	Detailed investigation of ROS arisen from chlorophyll a /Chitosan based-biofilm. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 142, 239-247.	2.5	25
14	A comprehensive investigation of dye-chitosan blended films for green chemistry applications. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45945.	1.3	22
15	Carbon nanodot-based heterostructures for improving the charge separation and the photocurrent generation. <i>Nanoscale</i> , 2019, 11, 7414-7423.	2.8	22
16	Efficient stabilization of natural curcuminoids mediated by oil body encapsulation. <i>RSC Advances</i> , 2013, 3, 5422.	1.7	21
17	Enhancement of Open Circuit Voltage of a ZnO-Based Dye-Sensitized Solar Cell by Means of Piezotronic Effect. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1240-1245.	1.7	21
18	Applicative Study (Part I): The Excellent Conditions to Remove in Batch Direct Textile Dyes (Direct Red,) Tj ETQqO O O rgBT /Overlock 10 Chitosan Films under Different Conditions. <i>Advances in Chemical Engineering and Science</i> , 2014, 04, 454-469.	0.2	18

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19	Investigations of Processing-Induced Structural Changes in Horse Type-I Collagen at Sub and Supramolecular Levels. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 203.	2.0	18
20	The role of the central metal ion of ethane-bridged bis-porphyrins in histidine sensing. <i>Journal of Colloid and Interface Science</i> , 2019, 533, 762-770.	5.0	18
21	Hydrophobin as a Nanolayer Primer That Enables the Fluorinated Coating of Poorly Reactive Polymer Surfaces. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500170.	1.9	17
22	Gold-chlorophyll a-hybrid nanoparticles and chlorophyll a/cetyltrimethylammonium chloride self-assembled-suprastructures as novel carriers for chlorophyll a delivery in water medium: Photoactivity and photostability. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 161, 555-562.	2.5	17
23	SiO ₂ -Coated ZnO Nanoflakes Decorated with Ag Nanoparticles for Photocatalytic Water Oxidation. <i>Chemistry - A European Journal</i> , 2019, 25, 14123-14132.	1.7	17
24	An SPR based immunoassay for the sensitive detection of the soluble epithelial marker E-cadherin. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1963-1971.	1.7	15
25	Singlet oxygen photo-production by perylene bisimide derivative Langmuir-Schaefer films for photodynamic therapy applications. <i>Journal of Colloid and Interface Science</i> , 2019, 553, 390-401.	5.0	13
26	Cellulose-Based Substrate for SERS-Promoted Histamine Picomolar Detection in Beverages. <i>ChemistrySelect</i> , 2019, 4, 2968-2975.	0.7	12
27	Operational parameters affecting the removal and recycling of direct blue industrial dye from wastewater using bleached oil mill waste as alternative adsorbent material. <i>International Journal of Environment Agriculture and Biotechnology</i> , 2017, 2, 1560-1572.	0.0	12
28	Stimulatory Effects of Methyl- β -cyclodextrin on Spiramycin Production and Physical-Chemical Characterization of Nonhost@Guest Complexes. <i>ACS Omega</i> , 2018, 3, 2470-2478.	1.6	9
29	Ethane-Bridged Bisporphyrin Conformational Changes As an Effective Analytical Tool for Nonenzymatic Detection of Urea in the Physiological Range. <i>Analytical Chemistry</i> , 2018, 90, 6952-6958.	3.2	9
30	Paramagnetic Functionalization of Biocompatible Scaffolds for Biomedical Applications: A Perspective. <i>Bioengineering</i> , 2020, 7, 153.	1.6	9
31	Supramolecular Chiral Discrimination of D-Phenylalanine Amino Acid Based on a Perylene Bisimide Derivative. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 160.	2.0	9
32	Assessment of physico-chemical and biological properties of sericin-collagen substrates for PNS regeneration. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 403-413.	1.8	9
33	Applications of Photoinduced Phenomena in Supramolecularly Arranged Phthalocyanine Derivatives: A Perspective. <i>Molecules</i> , 2020, 25, 3742.	1.7	8
34	Localized and Surface Plasmons Coupling for Ultrasensitive Dopamine Detection by means of SPR-Based Perylene Bisimide/Au Nanostructures Thin Film. <i>Advanced Materials Interfaces</i> , 2021, 8, 2101023.	1.9	8
35	Nanocellulose/Fullerene Hybrid Films Assembled at the Air/Water Interface as Promising Functional Materials for Photo-electrocatalysis. <i>Polymers</i> , 2021, 13, 243.	2.0	7
36	Interactions between 4-thiothymidine and water-soluble cyclodextrins: Evidence for supramolecular structures in aqueous solutions. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 549-563.	1.3	4

#	ARTICLE	IF	CITATIONS
37	ZnOâ€Porphyrin Composite Nanostructures as Discriminating Adducts for Metallic Ions in Aqueous Matrices. ChemistrySelect, 2016, 1, 4690-4695.	0.7	4
38	Atypical Filmâ€Forming Behavior of Soluble Tetraâ€Nitroâ€Substituted Copper Phthalocyanine. ChemPhysChem, 2019, 20, 422-428.	1.0	3
39	Removal of an Azo Textile Dye from Wastewater by Cyclodextrin-Epichlorohydrin Polymers. , 0, , .		2