

Fiore Pasquale Nicoletta

List of Publications by Year in descending order

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97
papers

2,369
citations

172457

29
h-index

243625

44
g-index

99
all docs

99
docs citations

99
times ranked

3280
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-adjusting smart windows based on polymer-dispersed liquid crystals. <i>Solar Energy Materials and Solar Cells</i> , 2009, 93, 2008-2012.	6.2	182
2	Light Responsive Polymer Membranes: A Review. <i>Membranes</i> , 2012, 2, 134-197.	3.0	135
3	Preventing fungal growth in wood by titanium dioxide nanoparticles. <i>International Biodeterioration and Biodegradation</i> , 2013, 85, 217-222.	3.9	134
4	Spherical gelatin/CNTs hybrid microgels as electro-responsive drug delivery systems. <i>International Journal of Pharmaceutics</i> , 2013, 448, 115-122.	5.2	80
5	Electro-Conductive Membranes for Permeation Enhancement and Fouling Mitigation: A Short Review. <i>Membranes</i> , 2017, 7, 39.	3.0	79
6	Enzyme immobilization on smart polymers: Catalysis on demand. <i>Reactive and Functional Polymers</i> , 2014, 83, 62-69.	4.1	70
7	Injectable Hydrogels for Cancer Therapy over the Last Decade. <i>Pharmaceutics</i> , 2019, 11, 486.	4.5	69
8	A new crown ether as vesicular carrier for 5-fluorouracil: Synthesis, characterization and drug delivery evaluation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 58, 197-202.	5.0	56
9	Tailored Hydrogel Membranes for Efficient Protein Crystallization. <i>Advanced Functional Materials</i> , 2014, 24, 1582-1590.	14.9	55
10	Electrically switchable chromogenic materials for external glazing. <i>Solar Energy Materials and Solar Cells</i> , 2009, 93, 329-333.	6.2	48
11	Light Responsive Polymer Membranes. <i>Advanced Optical Materials</i> , 2019, 7, 1900252.	7.3	45
12	Carbon nanotubes hybrid hydrogels for electrically tunable release of Curcumin. <i>European Polymer Journal</i> , 2017, 90, 1-12.	5.4	44
13	Nanotechnology for the Environment and Medicine. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 668-675.	2.4	43
14	Tunable thermo-responsive hydrogels: Synthesis, structural analysis and drug release studies. <i>Materials Science and Engineering C</i> , 2015, 48, 499-510.	7.3	42
15	Gellan gum/titanium dioxide nanoparticle hybrid hydrogels for the cleaning and disinfection of parchment. <i>International Biodeterioration and Biodegradation</i> , 2015, 103, 51-58.	3.9	40
16	Alignment of single-walled carbon nanotubes in polymer dispersed liquid crystals. <i>Liquid Crystals</i> , 2012, 39, 359-364.	2.2	38
17	Bilayered buccal films as child-appropriate dosage form for systemic administration of propranolol. <i>International Journal of Pharmaceutics</i> , 2017, 531, 257-265.	5.2	38
18	Chemical Vapor Deposition of Photocatalyst Nanoparticles on PVDF Membranes for Advanced Oxidation Processes. <i>Membranes</i> , 2018, 8, 35.	3.0	37

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19	Hemp fiber (<i>Cannabis sativa</i> L.) derivatives with antibacterial and chelating properties. <i>Cellulose</i> , 2013, 20, 547-557.	4.9	35
20	Effect of functional groups on the properties of multiwalled carbon nanotubes/polyvinylidene fluoride composite membranes. <i>Journal of Membrane Science</i> , 2017, 541, 198-204.	8.2	35
21	A new reverse mode light shutter from silica-dispersed liquid crystals. <i>Liquid Crystals</i> , 2018, 45, 721-727.	2.2	35
22	Membrane distillation by novel hydrogel composite membranes. <i>Journal of Membrane Science</i> , 2016, 504, 220-229.	8.2	34
23	Morphology and electro-optical properties of reverse mode polymer dispersed liquid crystals. <i>Liquid Crystals</i> , 2000, 27, 1337-1341.	2.2	33
24	Electro-responsive graphene oxide hydrogels for skin bandages: The outcome of gelatin and trypsin immobilization. <i>International Journal of Pharmaceutics</i> , 2018, 546, 50-60.	5.2	33
25	Graphene Oxide Functional Nanohybrids with Magnetic Nanoparticles for Improved Vectorization of Doxorubicin to Neuroblastoma Cells. <i>Pharmaceutics</i> , 2019, 11, 3.	4.5	33
26	Dextran-Curcumin Nanoparticles as a Methotrexate Delivery Vehicle: A Step Forward in Breast Cancer Combination Therapy. <i>Pharmaceutics</i> , 2020, 13, 2.	3.8	33
27	Rough surfaces for orientation control in reverse mode polymer dispersed liquid crystal films. <i>Liquid Crystals</i> , 2000, 27, 917-920.	2.2	31
28	Fast, self-supplied, all-solid photoelectrochromic film. <i>Journal of Power Sources</i> , 2010, 195, 4365-4369.	7.8	31
29	Reverse mode operation polymer dispersed liquid crystal with a positive dielectric anisotropy liquid crystal. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2011, 49, 257-262.	2.1	31
30	Magnetic Graphene Oxide Nanocarrier for Targeted Delivery of Cisplatin: A Perspective for Glioblastoma Treatment. <i>Pharmaceutics</i> , 2019, 12, 76.	3.8	30
31	Polyphenol Conjugates by Immobilized Laccase: The Green Synthesis of Dextran-Catechin. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 1488-1492.	2.2	29
32	Flexible Nano-Photo-Electrochromic Film. <i>Chemistry of Materials</i> , 2006, 18, 4662-4666.	6.7	28
33	Recent Advances in the Synthesis and Biomedical Applications of Nanocomposite Hydrogels. <i>Pharmaceutics</i> , 2015, 7, 413-437.	4.5	28
34	Dual-Targeted Hyaluronic Acid/Albumin Micelle-Like Nanoparticles for the Vectorization of Doxorubicin. <i>Pharmaceutics</i> , 2021, 13, 304.	4.5	28
35	Switching from columnar to calamitic mesophases in a new class of rod-like thienoviologens. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2233.	5.5	26
36	Self-assembling Dextran prodrug for redox- and pH-responsive co-delivery of therapeutics in cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 185, 110537.	5.0	26

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37	Preparation and characterisation of bifunctional reverse-mode polymer-dispersed liquid crystals. <i>Liquid Crystals</i> , 2017, 44, 1607-1616.	2.2	24
38	Doxorubicin synergism and resistance reversal in human neuroblastoma BE(2)C cell lines: An in vitro study with dextran-catechin nanohybrids. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 122, 176-185.	4.3	24
39	Photochromic reverse mode polymer dispersed liquid crystals. <i>Liquid Crystals</i> , 2005, 32, 315-319.	2.2	23
40	Non-covalent functionalisation of single wall carbon nanotubes for efficient dye-sensitised solar cells. <i>Journal of Power Sources</i> , 2015, 274, 274-279.	7.8	23
41	Chitosan-Quercetin Bioconjugate as Multifunctional Component of Antioxidants and Dual-Responsive Hydrogel Networks. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1800728.	3.6	20
42	Multivariate Metal-Organic Framework/Single-Walled Carbon Nanotube Buckypaper for Selective Lead Decontamination. <i>ACS Applied Nano Materials</i> , 2022, 5, 5223-5233.	5.0	20
43	Morphology and electro-optical properties of nematic liquid crystal/Aerosil® nanoparticle composites. <i>Liquid Crystals</i> , 2008, 35, 1095-1100.	2.2	19
44	Gellan gum hybrid hydrogels for the cleaning of paper artworks contaminated with <i>Aspergillus versicolor</i> . <i>Cellulose</i> , 2016, 23, 3265-3279.	4.9	19
45	Natural Polysaccharide Carriers in Brain Delivery: Challenge and Perspective. <i>Pharmaceutics</i> , 2020, 12, 1183.	4.5	19
46	Liquid crystalline Pluronic 105 pharmacogels as drug delivery systems: preparation, characterization, and in vitro transdermal release. <i>Journal of Drug Targeting</i> , 2010, 18, 404-411.	4.4	17
47	Facile synthesis of pH-responsive polymersomes based on lipidized PEG for intracellular co-delivery of curcumin and methotrexate. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 167, 568-576.	5.0	16
48	Combining antioxidant hydrogels with self-assembled microparticles for multifunctional wound dressings. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4361-4370.	5.8	16
49	Exploiting Fluoropolymers Immiscibility to Tune Surface Properties and Mass Transfer in Blend Membranes for Membrane Contactor Applications. <i>ACS Applied Polymer Materials</i> , 2019, 1, 326-334.	4.4	16
50	Cromolyn as surface active drug (surfadrug): Effect of the self-association on diffusion and percutaneous permeation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 139, 132-137.	5.0	15
51	Ondansetron buccal administration for paediatric use: A comparison between films and wafers. <i>International Journal of Pharmaceutics</i> , 2020, 580, 119228.	5.2	15
52	Surface anchoring, polarization fields and memory states in polymer dispersed liquid crystals. <i>Liquid Crystals</i> , 2001, 28, 287-290.	2.2	14
53	On the Aggregation and Nucleation Mechanism of the Monoclonal Antibody Anti-CD20 Near Liquid-Liquid Phase Separation (LLPS). <i>Scientific Reports</i> , 2020, 10, 8902.	3.3	14
54	Alginate Bioconjugate and Graphene Oxide in Multifunctional Hydrogels for Versatile Biomedical Applications. <i>Molecules</i> , 2021, 26, 1355.	3.8	14

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55	Thermal behaviour of switchable nematic emulsions. <i>Liquid Crystals</i> , 2000, 27, 1029-1033.	2.2	13
56	Effect of Surfactant Molecules on the Electrooptical Properties of Nematic Emulsions. <i>Langmuir</i> , 2001, 17, 534-536.	3.5	13
57	The electro-optical and electrochromic properties of electrolyte-liquid crystal dispersions. <i>Journal of Applied Physics</i> , 2006, 100, 024515.	2.5	13
58	Freeze-Dried Matrices Based on Polyanion Polymers for Chlorhexidine Local Release in the Buccal and Vaginal Cavities. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 2447-2457.	3.3	13
59	Functionalized Carbon Nanostructures Versus Drug Resistance: Promising Scenarios in Cancer Treatment. <i>Molecules</i> , 2020, 25, 2102.	3.8	13
60	Synthesis and Enhanced Capture Properties of a New BioMOF@SWCNT@BP: Recovery of the Endangered Rare-Earth Elements from Aqueous Systems. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100730.	3.7	13
61	Combining Dextran Conjugates with Stimuli-Responsive and Folate-Targeting Activity: A New Class of Multifunctional Nanoparticles for Cancer Therapy. <i>Nanomaterials</i> , 2021, 11, 1108.	4.1	11
62	Persistence Effects and Memory States in Charged Polymer Dispersed Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 372, 255-261.	0.9	10
63	UV tuning of the electro-optical and morphology properties in polymer-dispersed liquid crystals. <i>Liquid Crystals</i> , 2008, 35, 45-48.	2.2	10
64	Polymer Membranes Dispersed Liquid Crystal (PMDLC): a new electro-optical device. <i>Liquid Crystals</i> , 2019, 46, 986-993.	2.2	10
65	Carbon Nanohorns as Effective Nanotherapeutics in Cancer Therapy. <i>Journal of Carbon Research</i> , 2021, 7, 3.	2.7	10
66	Smart Lipid@Polysaccharide Nanoparticles for Targeted Delivery of Doxorubicin to Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2386.	4.1	10
67	Anisometric, non-mesogenic, tailor-made monomer for reverse-mode shutters. <i>Liquid Crystals</i> , 2002, 29, 295-300.	2.2	9
68	Nanotechnology for the Environment and Medicine. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 668-75.	2.4	9
69	Cotton gauze-hydrogel composites: Valuable tools for electrically modulated drug delivery. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2016, 65, 442-450.	3.4	7
70	Encapsulation of Alpha-Lipoic Acid in Functional Hybrid Liposomes: Promising Tool for the Reduction of Cisplatin-Induced Ototoxicity. <i>Pharmaceuticals</i> , 2022, 15, 394.	3.8	7
71	Dual Stimuli Responsive Gelatin@CNT Hybrid Films as a Versatile Tool for the Delivery of Anionic Drugs. <i>Macromolecular Materials and Engineering</i> , 2016, 301, 1537-1547.	3.6	6
72	WO3/Buckypaper Membranes for Advanced Oxidation Processes. <i>Membranes</i> , 2020, 10, 157.	3.0	6

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73	Freeze-Dried Matrices for Buccal Administration of Propranolol in Children: Physico-Chemical and Functional Characterization. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 1676-1686.	3.3	6
74	Synthesis and mesomorphic properties of new liquid crystalline stilbene derivatives containing vinyloxyalkoxy chains. <i>Liquid Crystals</i> , 2004, 31, 733-737.	2.2	5
75	New ferroelectric liquid crystals for high-performance optical devices. <i>Liquid Crystals</i> , 2008, 35, 625-632.	2.2	5
76	Order parameter and electro-optical properties in polymer-dispersed liquid crystals. <i>Liquid Crystals</i> , 2021, 48, 1206-1214.	2.2	5
77	Development of Spanish Broom and Flax Dressings with Glycyrrhetic Acid-Loaded Films for Wound Healing: Characterization and Evaluation of Biological Properties. <i>Pharmaceutics</i> , 2021, 13, 1192.	4.5	5
78	Carbon Nanotubes Hybrid Hydrogels for Environmental Remediation: Evaluation of Adsorption Efficiency under Electric Field. <i>Molecules</i> , 2021, 26, 7001.	3.8	5
79	GO-SWCNT Buckypapers as an Enhanced Technology for Water Decontamination from Lead. <i>Molecules</i> , 2022, 27, 4044.	3.8	5
80	Functional hydrogels with a multicyclic activity for bioremediation: Single-step preparation and characterization. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	4
81	Liquid crystalline microspheres for 5-fluorouracil specific release. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 41, 482-487.	3.0	4
82	Functional Albumin Nanoformulations to Fight Adrenocortical Carcinoma: a Redox-Responsive Approach. <i>Pharmaceutical Research</i> , 2020, 37, 55.	3.5	4
83	<title>Electric, electro-optical, and morphological properties of two-step-polymerization PDLC</title>. , 1998, 3319, 285.		2
84	New Liquid Crystalline Stilbene Derivatives Containing 1,2-Dienylalkoxy Chains. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 465, 165-174.	0.9	2
85	Polymer Dispersed Liquid Crystals with elongated droplets as novel pressure sensors. <i>Liquid Crystals</i> , 0, , 1-9.	2.2	2
86	Evaluation of Selected Quality Parameters of "Agristigna" Monovarietal Extra Virgin Olive Oil and Its Apple Vinegar-Based Dressing during Storage. <i>Foods</i> , 2022, 11, 1113.	4.3	2
87	Liquid crystal orientation in elliptic droplets in nematic emulsions. <i>Liquid Crystals</i> , 2002, 29, 1569-1573.	2.2	1
88	Flow-induced grating from cholesteric mixtures. <i>Liquid Crystals</i> , 2002, 29, 1025-1029.	2.2	1
89	2H-NMR investigation after a polymerisation-induced phase separation process*. <i>Colloid and Polymer Science</i> , 2003, 282, 156-161.	2.1	1
90	Dry Emulsions based on Alpha Cyclodextrin and Vegetable Oils for Buccal Delivery of Lipophilic Drugs. <i>Drug Delivery Letters</i> , 2020, 10, 219-227.	0.5	1

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91	The morphology and the electro-optical properties of PDLCs cured in the presence of electric fields. Liquid Crystals, 0, , 1-13.	2.2	1
92	Hydrogel Nanoparticles. , 2016, , 985-987.		0
93	Synthesis and Enhanced Capture Properties of a New BioMOF@SWCNT@BP: Recovery of the Endangered Rare-Earth Elements from Aqueous Systems (Adv. Mater. Interfaces 16/2021). Advanced Materials Interfaces, 2021, 8, 2170089.	3.7	0
94	Hydrogel Membranes. , 2015, , 1-4.		0
95	Hydrogel Nanoparticles. , 2015, , 1-3.		0
96	Hydrogel. , 2016, , 977-980.		0
97	Hydrogel Membranes. , 2016, , 982-985.		0