Jawad Naciri

List of Publications by Year
in descending order

35 papers	2,110 citations	430874 18 h-index	414414 32 g-index
35 all docs	35 docs citations	35 times ranked	2676 citing authors

#	Article	IF	Citations
1	Liquid Crystal Elastomers with Mechanical Properties of a Muscle. Macromolecules, 2001, 34, 5868-5875.	4.8	627
2	Effect of Bond-Length Alternation in Molecular Wires. Journal of the American Chemical Society, 2002, 124, 10654-10655.	13.7	294
3	Nematic Elastomer Fiber Actuator. Macromolecules, 2003, 36, 8499-8505.	4.8	232
4	Interpenetrating networks based on gelatin methacrylamide and PEG formed using concurrent thiol click chemistries for hydrogel tissue engineering scaffolds. Biomaterials, 2014, 35, 1845-1856.	11.4	207
5	Anisotropic actuation in electroclinic liquid crystal elastomers. Applied Physics Letters, 2007, 90, 021911.	3.3	84
6	Self-Assembly, Characterization, and Chemical Stability of Isocyanide-Bound Molecular Wire Monolayers on Gold and Palladium Surfaces. Langmuir, 2005, 21, 11061-11070.	3.5	73
7	Charge Transport and Scaling in Molecular Wires. Journal of Physical Chemistry B, 2004, 108, 18124-18128.	2.6	65
8	Multifunctional Liquid Crystal Nanoparticles for Intracellular Fluorescent Imaging and Drug Delivery. ACS Nano, 2014, 8, 6986-6997.	14.6	57
9	Rapid and Continuous Hydrodynamically Controlled Fabrication of Biohybrid Microfibers. Advanced Functional Materials, 2013, 23, 698-704.	14.9	52
10	Stacking nematic elastomers for artificial muscle applications. Sensors and Actuators A: Physical, 2007, 133, 500-505.	4.1	48
11	Hydrodynamic Shaping, Polymerization, and Subsequent Modification of Thiol Click Fibers. ACS Applied Materials & Interfaces, 2013, 5, 114-119.	8.0	37
12	Enhanced thermomechanical properties of a nematic liquid crystal elastomer doped with gold nanoparticles. Sensors and Actuators A: Physical, 2012, 178, 175-178.	4.1	36
13	Sequential Deprotection for Control of Orientation in the Self-Assembly of Asymmetric Molecules for Molecular Electronic Devices. Langmuir, 2004, 20, 1838-1842.	3.5	32
14	Tuning the physical properties of a nematic liquid crystal elastomer actuator. Liquid Crystals, 2006, 33, 373-380.	2.2	29
15	Spectral Tuning of Organic Nanocolloids by Controlled Molecular Interactions. ACS Nano, 2009, 3, 3214-3220.	14.6	26
16	Title is missing!. Journal of Materials Chemistry, 2001, 11, 2992-2995.	6.7	25
17	Electrically Induced Twist in Smectic Liquidâ€“Crystalline Elastomers. Journal of Physical Chemistry B, 2016, 120, 6368-6372.	2.6	24
18	Hydrodynamically directed multiscale assembly of shaped polymer fibers. Soft Matter, 2012, 8, 6656.	2.7	23

#	Article	IF	Citations
19	Controlling Chargeâ€Carrier Type in Nanoscale Junctions with Linker Chemistry. Small, 2008, 4, 1143-1147.	10.0	18
20	Role of Surfactant in the Stability of Liquid Crystal-Based Nanocolloids. Langmuir, 2009, 25, 2419-2426.	3.5	18
21	Liquidâ€Crystalline Nanoâ€optomechanical Actuator. Macromolecular Chemistry and Physics, 2013, 214, 734-741.	2.2	17
22	Lipid Raft-Mediated Membrane Tethering and Delivery of Hydrophobic Cargos from Liquid Crystal-Based Nanocarriers. Bioconjugate Chemistry, 2016, 27, 982-993.	3.6	14
23	Hybrid Liquid Crystal Nanocarriers for Enhanced Zinc Phthalocyanine-Mediated Photodynamic Therapy. Bioconjugate Chemistry, 2018, 29, 2701-2714.	3.6	14
24	An Elastomeric Poly(Thiopheneâ€EDOT) Composite with a Dynamically Variable Permeability Towards Organic and Water Vapors. Advanced Functional Materials, 2012, 22, 3116-3127.	14.9	13
25	Structure of nematic liquid crystalline elastomers under uniaxial deformation. Physical Review E, 2006, 73, 021701.	2.1	10
26	Molecular Packing in Electroclinic Liquid Crystal Elastomer Films. Chemistry of Materials, 2008, 20, 6130-6139.	6.7	10
27	Strain analysis of a chiral smectic-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>A</mml:mi></mml:math>elastomer. Physical Review E, 2010, 82, 031705.	2.1	8
28	Molecular structure and pretilt control of photodimerized-monolayers (PDML). Journal of Materials Chemistry, 2004, 14, 3468-3473.	6.7	6
29	Liquid Crystal Nanoparticle Conjugates for Scavenging Reactive Oxygen Species in Live Cells. Pharmaceuticals, 2022, 15, 604.	3.8	4
30	Threshold field for switching the de Vries S_A* phase in a low molar mass organosiloxane material. Liquid Crystals, 2010, 37, 1427-1431.	2.2	2
31	Microfabrication: Rapid and Continuous Hydrodynamically Controlled Fabrication of Biohybrid Microfibers (Adv. Funct. Mater. 6/2013). Advanced Functional Materials, 2013, 23, 697-697.	14.9	2
32	Targeted Plasma Membrane Delivery of a Hydrophobic Cargo Encapsulated in a Liquid Crystal Nanoparticle Carrier. Journal of Visualized Experiments, 2017, , .	0.3	2
33	Membrane-targeting liquid crystal nanoparticles (LCNPs) for drug delivery. , 2016, , .		1
34	Synthesis and characterization of laterally substituted bis(alkoxybenzoyloxy)hydroquinones. Liquid Crystals, 2003, 30, 617-621.	2.2	0
35	Liquid crystal nanoparticles for delivery of photosensitizers for photodynamic therapy. , 2018, , .		0