

Dns Tuncel

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49
papers

1,775
citations

21
h-index

42
g-index

57
ext. papers

1,915
ext. citations

5.1
avg, IF

5.3
L-index

#	Paper	IF	Citations
49	Conjugated polymer nanoparticles. <i>Nanoscale</i> , 2010 , 2, 484-94	7.7	331
48	Catalytic Self-Threading: A New Route for the Synthesis of Polyrotaxanes. <i>Macromolecules</i> , 2004 , 37, 288-302	5.5	125
47	Non-covalent interactions between carbon nanotubes and conjugated polymers. <i>Nanoscale</i> , 2011 , 3, 3545-54	7.7	100
46	Catalytically self-threading polyrotaxanes. <i>Chemical Communications</i> , 1999 , 1509-1510	5.8	100
45	Molecular switch based on a cucurbit[6]uril containing bistable [3]rotaxane. <i>Chemical Communications</i> , 2007 , 1369-71	5.8	95
44	Cucurbituril-based supramolecular engineered nanostructured materials. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 330-47	3.9	82
43	The synthesis of [2], [3] and [4]rotaxanes and semirotaxanes. <i>Chemical Communications</i> , 2002 , 496-7	5.8	82
42	pH-Triggered dethreading-rethreading and switching of cucurbit[6]uril on bistable [3]pseudorotaxanes and [3]rotaxanes. <i>Chemistry - A European Journal</i> , 2008 , 14, 4110-6	4.8	67
41	Mainchain pseudopolyrotaxanes viapost-threading with cucurbituril. <i>Chemical Communications</i> , 2001 , 253-254	5.8	66
40	On the origin of high quality white light emission from a hybrid organic/inorganic light emitting diode using azide functionalized polyfluorene. <i>Journal of Materials Chemistry</i> , 2008 , 18, 3568		61
39	White-emitting conjugated polymer nanoparticles with cross-linked shell for mechanical stability and controllable photometric properties in color-conversion LED applications. <i>ACS Nano</i> , 2011 , 5, 2483-92	16.7	55
38	[5]Rotaxane and [5]Pseudorotaxane Based on Cucurbit[6]uril and Anchored to a Meso-tetraphenyl Porphyrin. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2006 , 55, 373-380		55
37	Red emitting, cucurbituril-capped, pH-responsive conjugated oligomer-based nanoparticles for drug delivery and cellular imaging. <i>Biomacromolecules</i> , 2014 , 15, 3366-74	6.9	47
36	Supramolecular Assemblies Constructed by Cucurbituril-Catalyzed Click Reaction. <i>Israel Journal of Chemistry</i> , 2011 , 51, 525-532	3.4	39
35	Dispersion of multi-walled carbon nanotubes in an aqueous medium by water-dispersible conjugated polymer nanoparticles. <i>Chemical Communications</i> , 2010 , 46, 6762-4	5.8	37
34	Conjugated nanostructured materials: preparation, properties and photonic applications. <i>Nanoscale Advances</i> , 2019 , 1, 19-33	5.1	35
33	pH-Responsive polypseudorotaxane synthesized through cucurbit[6]uril catalyzed 1,3-dipolar cycloaddition. <i>Journal of Materials Chemistry</i> , 2006 , 16, 3291		31

32	Non-radiative resonance energy transfer in bi-polymer nanoparticles of fluorescent conjugated polymers. <i>Optics Express</i> , 2010 , 18, 670-84	3.3	29
31	Facile synthesis of cross-linked patchy fluorescent conjugated polymer nanoparticles by click reactions. <i>Polymer Chemistry</i> , 2011 , 2, 2818	4.9	28
30	Study of exciton transfer in dense quantum dot nanocomposites. <i>Nanoscale</i> , 2014 , 6, 11387-94	7.7	24
29	Quantum efficiency enhancement in film by making nanoparticles of polyfluorene. <i>Optics Express</i> , 2008 , 16, 13391-7	3.3	23
28	pH-responsive near-infrared emitting conjugated polymer nanoparticles for cellular imaging and controlled-drug delivery. <i>Journal of Polymer Science Part A</i> , 2015 , 53, 114-122	2.5	19
27	White emitting polyfluorene functionalized with azide hybridized on near-UV light emitting diode for high color rendering index. <i>Optics Express</i> , 2008 , 16, 1115-24	3.3	18
26	"Clicked" Porphyrin-Cucurbituril Conjugate: A New Multifunctional Supramolecular Assembly Based on Triglycosylated Porphyrin and Monopropargyloxycucurbit[7]uril. <i>Chemistry - A European Journal</i> , 2018 , 24, 15550-15555	4.8	17
25	Cucurbit[7]uril-Anchored Porphyrin-Based Multifunctional Molecular Platform for Photodynamic Antimicrobial and Cancer Therapy.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 4693-4697	4.1	16
24	The effect of cucurbit[n]uril on the solubility, morphology, and the photophysical properties of nonionic conjugated polymers in an aqueous medium. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 4894-4899	2.5	16
23	A [5]Rotaxane-Based Photosensitizer for Photodynamic Therapy. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 3534-3541	3.2	14
22	Optical and electronic properties of fluorene-based copolymers and their sensory applications. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 815-823	2.5	13
21	Nanoparticle labeling of bone marrow-derived rat mesenchymal stem cells: their use in differentiation and tracking. <i>BioMed Research International</i> , 2015 , 2015, 298430	3	13
20	High-Stability, High-Efficiency Organic Monoliths Made of Oligomer Nanoparticles Wrapped in Organic Matrix. <i>ACS Nano</i> , 2016 , 10, 5333-9	16.7	13
19	Supramolecular Assemblies of Cucurbiturils with Photoactive, π -conjugated Chromophores. <i>Israel Journal of Chemistry</i> , 2018 , 58, 334-342	3.4	13
18	Synthesis and investigation of singlet oxygen production efficiency of photosensitizers based on meso-phenyl-2,5-thienylene linked porphyrin oligomers and polymers. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 10496-504	3.9	12
17	Dual functionality of conjugated polymer nanoparticles as an anticancer drug carrier and a fluorescent probe for cell imaging. <i>RSC Advances</i> , 2014 , 4, 1302-1309	3.7	10
16	Water-dispersible glycosylated poly(2,5-thienylene)porphyrin-based nanoparticles for antibacterial photodynamic therapy. <i>Photochemical and Photobiological Sciences</i> , 2019 , 18, 1147-1155	4.2	10
15	Morphology-Dependent Energy Transfer of Polyfluorene Nanoparticles Decorating InGaN/GaN Quantum-Well Nanopillars. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 18613-18619	3.8	9

14	One-Pot Synthesis of Hybrid Conjugated Oligomer-Ag Nanoparticles. <i>ACS Omega</i> , 2017 , 2, 5470-5477	3.9	9
13	Cucurbit[7]uril-threaded fluorene[thiophene]-based conjugated polyrotaxanes. <i>RSC Advances</i> , 2016 , 6, 98109-98116	3.7	9
12	Glycosylated porphyrin-cucurbituril conjugate for photodynamic inactivation of bacteria and doxorubicin carriage for anticancer drug delivery. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019 , 23, 1406-1413	1.8	9
11	Novel Supramolecular Photocatalyst Based on Conjugation of Cucurbit[7]uril to Non-Metallated Porphyrin for Electrophotocatalytic Hydrogen Generation from Water Splitting. <i>ChemCatChem</i> , 2019 , 11, 2994-2999	5.2	8
10	Construction of multi-layered white emitting organic nanoparticles by clicking polymers. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 10277-10284	7.1	7
9	Electro-Viscoelastic Migration under Simultaneously Applied Microfluidic Pressure-Driven Flow and Electric Field. <i>Analytical Chemistry</i> , 2020 , 92, 6932-6940	7.8	7
8	Cucurbit[7]uril-Capped Hybrid Conjugated Oligomer-Gold Nanoparticles for Combined Photodynamic-Photothermal Therapy and Cellular Imaging. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 3840-3849	4.3	6
7	Covalent Organic Framework Constructed by Clicking Azido Porphyrin with Perpropargyloxy-Cucurbit[6]uril for Electrocatalytic Hydrogen Generation from Water Splitting. <i>ACS Applied Energy Materials</i> , 2021 , 4, 3535-3543	6.1	6
6	Engineering red-emitting multi-functional nanocapsules for magnetic tumour targeting and imaging. <i>Biomaterials Science</i> , 2020 , 8, 2590-2599	7.4	4
5	Highly Luminescent CB[7]-Based Conjugated Polyrotaxanes Embedded into Crystalline Matrices. <i>Macromolecular Materials and Engineering</i> , 2017 , 302, 1700290	3.9	4
4	Photoactive Catalytically Self-Threaded 2D Polyrotaxane Network for Visible Light Activated Antimicrobial Phototherapy. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 5726-5734	4.3	1
3	Porphyrin cross-linked conjugated polymer nanoparticles-based photosensitizer for antimicrobial and anticancer photodynamic therapies. <i>Journal of Applied Polymer Science</i> , 51777	2.9	0
2	In situ-Electrochemically reduced graphene oxide integrated with cross-linked supramolecular polymeric network for electrocatalytic hydrogen evolution reaction. <i>Polymer</i> , 2021 , 231, 124140	3.9	0
1	Novel Supramolecular Photocatalyst Based on Conjugation of Cucurbit[7]uril to Non-Metallated Porphyrin for Electrophotocatalytic Hydrogen Generation from Water Splitting. <i>ChemCatChem</i> , 2019 , 11, 2940-2940	5.2	