

Dns Tuncel

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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
48	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
47	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
46	Engineering red-emitting multi-functional nanocapsules for magnetic tumour targeting and imaging. <i>Biomaterials Science</i> , 2020 , 8, 2590-2599	7.4	4
45	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
44	Electro-Viscoelastic Migration under Simultaneously Applied Microfluidic Pressure-Driven Flow and Electric Field. <i>Analytical Chemistry</i> , 2020 , 92, 6932-6940	7.8	7
43	Conjugated nanostructured materials: preparation, properties and photonic applications. <i>Nanoscale Advances</i> , 2019 , 1, 19-33	5.1	35
42	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
41	A [5]Rotaxane-Based Photosensitizer for Photodynamic Therapy. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 3534-3541	3.2	14
40	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	
39	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
38	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
37	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
36	Supramolecular Assemblies of Cucurbiturils with Photoactive, Conjugated Chromophores. <i>Israel Journal of Chemistry</i> , 2018 , 58, 334-342	3.4	13
35	"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
34	Highly Luminescent CB[7]-Based Conjugated Polyrotaxanes Embedded into Crystalline Matrices. <i>Macromolecular Materials and Engineering</i> , 2017 , 302, 1700290	3.9	4
33	One-Pot Synthesis of Hybrid Conjugated Oligomer-Ag Nanoparticles. <i>ACS Omega</i> , 2017 , 2, 5470-5477	3.9	9

32	Cucurbit[7]uril-threaded fluorene-phenylene-based conjugated polyrotaxanes. <i>RSC Advances</i> , 2016 , 6, 98109-98116	3.7	9
31	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
30	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
29	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
28	Cucurbituril-based supramolecular engineered nanostructured materials. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 330-47	3.9	82
27	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
26	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
25	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
24	Study of exciton transfer in dense quantum dot nanocomposites. <i>Nanoscale</i> , 2014 , 6, 11387-94	7.7	24
23	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
22	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
21	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
20	Facile synthesis of cross-linked patchy fluorescent conjugated polymer nanoparticles by click reactions. <i>Polymer Chemistry</i> , 2011 , 2, 2818	4.9	28
19	Non-covalent interactions between carbon nanotubes and conjugated polymers. <i>Nanoscale</i> , 2011 , 3, 3545-54	7.7	100
18	Supramolecular Assemblies Constructed by Cucurbituril-Catalyzed Click Reaction. <i>Israel Journal of Chemistry</i> , 2011 , 51, 525-532	3.4	39
17	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
16	Conjugated polymer nanoparticles. <i>Nanoscale</i> , 2010 , 2, 484-94	7.7	331
15	Non-radiative resonance energy transfer in bi-polymer nanoparticles of fluorescent conjugated polymers. <i>Optics Express</i> , 2010 , 18, 670-84	3.3	29

14	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
13	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
12	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
11	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
10	Quantum efficiency enhancement in film by making nanoparticles of polyfluorene. <i>Optics Express</i> , 2008 , 16, 13391-7	3.3	23
9	pH-Triggered dethreading-reading 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
8	Molecular switch based on a cucurbit[6]uril containing bistable [3]rotaxane. <i>Chemical Communications</i> , 2007 , 1369-71	5.8	95
7	pH-Responsive polypseudorotaxane synthesized through cucurbit[6]uril catalyzed 1,3-dipolar cycloaddition. <i>Journal of Materials Chemistry</i> , 2006 , 16, 3291		31
6	[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
5	Catalytic Self-Threading: A New Route for the Synthesis of Polyrotaxanes. <i>Macromolecules</i> , 2004 , 37, 288-302	5.5	125
4	The synthesis of [2], [3] and [4]rotaxanes and semirotaxanes. <i>Chemical Communications</i> , 2002 , 496-7	5.8	82
3	Mainchain pseudopolyrotaxanes viapost-threading with cucurbituril. <i>Chemical Communications</i> , 2001 , 253-254	5.8	66
2	Catalytically self-threading polyrotaxanes. <i>Chemical Communications</i> , 1999 , 1509-1510	5.8	100
1	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