

# Farahnaz Nourmohammadian

## List of Publications by Year in descending order

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28  
papers

490  
citations

840776

11  
h-index

677142

22  
g-index

32  
all docs

32  
docs citations

32  
times ranked

483  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanophotocatalysis using immobilized titanium dioxide nanoparticle. <i>Materials Research Bulletin</i> , 2007, 42, 797-806.	5.2	107
2	A chemically-gated photoresponsive compound as a visible detector for organophosphorus nerve agents. <i>Chemical Communications</i> , 2011, 47, 10954.	4.1	51
3	Producing fluorescent digital printing ink: Investigating the effect of type and amount of coumarin derivative dyes on the quality of ink. <i>Journal of Luminescence</i> , 2015, 167, 254-260.	3.1	40
4	Investigations on the solubilities of some disperse azo dyes in supercritical carbon dioxide. <i>Dyes and Pigments</i> , 2004, 63, 161-168.	3.7	39
5	Solubilities of Some Disperse Yellow Dyes in Supercritical CO <sub>2</sub> . <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 3896-3900.	1.9	26
6	Modeling the effect of pigments and processing parameters in polymeric composite for printing ink application using the response surface methodology. <i>Progress in Organic Coatings</i> , 2015, 82, 68-73.	3.9	22
7	Development of novel fluorescent offset ink based on coumarin dyes: Synthesis and properties. <i>Progress in Organic Coatings</i> , 2014, 77, 1351-1359.	3.9	18
8	Synthesis of Highly Functionalized Stable Heterocyclic Phosphorus Ylides. Cycloaddition Reaction between Conjugated Phosphorus Ylides and Alkyl Propiolates. <i>Tetrahedron</i> , 2000, 56, 5221-5224.	1.9	17
9	Cycloaddition Reactions of N-Benzotriazolylketene as a Heteroarylketene: A Practical Approach to the Synthesis of Novel Azetidiones. <i>Synlett</i> , 2014, 25, 229-232.	1.8	16
10	Purification of water containing agricultural organophosphorus pollutant using titania nanophotocatalysis: Laboratory studies and numerical modeling. <i>Desalination</i> , 2008, 230, 183-192.	8.2	15
11	Microwave-Promoted One-Pot Syntheses of Coumarin Dyes. <i>Synthetic Communications</i> , 2010, 40, 901-909.	2.1	14
12	Physicochemical colourants effects on polymeric composites printing toner. <i>Pigment and Resin Technology</i> , 2014, 43, 245-250.	0.9	12
13	Synthesis of Dimethyl 2-(2,4,6-Trimethylphenoxy)-3-triphenylphosphoniobutanedioate and its Application in Intramolecular Wittig Reactions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002, 177, 1147-1152.	1.6	10
14	Vinylation of 1,8-Dihydroxyanthraquinone Promoted by Triphenylphosphine. <i>Synthetic Communications</i> , 2008, 38, 703-712.	2.1	10
15	A simple synthesis of highly functionalized ketenimines. <i>Journal of Chemical Research</i> , 2000, 2000, 218-219.	1.3	9
16	Synthesis of Dialkyl 4-Ethoxy-2,5-dihydro-1-(9,10-dihydro-9,10-dioxoanthracen-1-yl)-5-oxo-1H-pyrrole-2,3-dicarboxylates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005, 180, 625-631.	1.6	9
17	Regioselective Synthesis of Novel Functionalized Phosphanylidene Anthra[2,1-b]furan Derivatives Under Solvent-Free Conditions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 185, 340-346.	1.6	9
18	Two Novel Push-Pull Series of Benzothiazole-Based Dyes: Synthesis and Characterization. <i>Helvetica Chimica Acta</i> , 2012, 95, 1548-1555.	1.6	9

#	ARTICLE	IF	CITATIONS
19	Photophysical properties of novel functionalized fluorescent dyes based on diketopyrrolopyrrole and application in inkjet printing ink. <i>Journal of Luminescence</i> , 2018, 199, 499-508.	3.1	9
20	Development of molecular photoswitch with very fast photoresponse based on asymmetrical bis-azospiropyran. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 153, 53-62.	3.9	8
21	Synthesis and Characterization of Some Novel Dichromophoric Cyanine Dyes. <i>Synthetic Communications</i> , 2009, 39, 1981-1991.	2.1	6
22	Modeling colorimetric characteristics of ON $\leftrightarrow$ OFF behavior of photochromic dyes based on bis-azospiropyran. <i>Journal of Molecular Structure</i> , 2013, 1050, 222-231.	3.6	6
23	Development of diketopyrrolopyrrole fluorescent dyes with different alkyl chain length in organic film: photophysical and rheological properties. <i>Progress in Organic Coatings</i> , 2019, 131, 176-190.	3.9	6
24	Synthesis of Fluorescent Dichromophoric Benzothiazole-Based Polyenes. <i>Letters in Organic Chemistry</i> , 2012, 9, 720-731.	0.5	6
25	An Efficient Pathway to Synthesize Diketopyrrolopyrrole Pigments in Ionic Liquids. <i>Letters in Organic Chemistry</i> , 2013, 10, 131-138.	0.5	5
26	Symmetric Bis-Azospiropyran: Synthesis, Characterization and Colorimetric Study. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 1727-1734.	1.9	5
27	Sensitivity and Resolution Development of Spiropyran $\leftrightarrow$ based Molecular Photoswitches. <i>Journal of the Chinese Chemical Society</i> , 2016, 63, 847-858.	1.4	3
28	Solvent-Free Synthesis of Novel Highly Functionalized Dihydroanthra[1,2-b]furan-6,11-dione Derivatives. <i>Synthetic Communications</i> , 2008, 38, 2731-2740.	2.1	2