

# Wajih Al-Soufi

## List of Publications by Year in descending order

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42  
papers

1,805  
citations

279701

23  
h-index

276775

41  
g-index

45  
all docs

45  
docs citations

45  
times ranked

2658  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescence emission of pyrene in surfactant solutions. <i>Advances in Colloid and Interface Science</i> , 2015, 215, 1-12.	7.0	201
2	Fluorescence Correlation Spectroscopy, a Tool to Investigate Supramolecular Dynamics: Inclusion Complexes of Pyronines with Cyclodextrin. <i>Journal of the American Chemical Society</i> , 2005, 127, 8775-8784.	6.6	121
3	Complexation of Several Benzimidazole-Type Fungicides with $\alpha$ - and $\beta$ -Cyclodextrins. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 108-112.	2.4	117
4	Critical aggregation concentration for the formation of early Amyloid- $\beta^2$ ( $1\text{--}42$ ) oligomers. <i>Scientific Reports</i> , 2018, 8, 1783.	1.6	111
5	A model for monomer and micellar concentrations in surfactant solutions: Application to conductivity, NMR, diffusion, and surface tension data. <i>Journal of Colloid and Interface Science</i> , 2012, 370, 102-110.	5.0	96
6	Photophysical study of Thioflavin T as fluorescence marker of amyloid fibrils. <i>Dyes and Pigments</i> , 2014, 110, 97-105.	2.0	91
7	Host-Guest Complexation Studied by Fluorescence Correlation Spectroscopy: Adamantane-Cyclodextrin Inclusion. <i>International Journal of Molecular Sciences</i> , 2010, 11, 173-188.	1.8	89
8	In Vivo Theranostics at the Peri-Infarct Region in Cerebral Ischemia. <i>Theranostics</i> , 2014, 4, 90-105.	4.6	74
9	2,2'-Bipyridyl-3,3'-diol Incorporated into AlPO <sub>4</sub> -5 Crystals and Its Spectroscopic Properties as Related to Aqueous Liquid Media. <i>Journal of Physical Chemistry B</i> , 2002, 106, 9744-9752.	1.2	62
10	Complexation of Bile Salts by Natural Cyclodextrins. <i>Supramolecular Chemistry</i> , 2003, 15, 33-43.	1.5	58
11	Dynamics of Supramolecular Association Monitored by Fluorescence Correlation Spectroscopy. <i>ChemPhysChem</i> , 2008, 9, 1819-1827.	1.0	56
12	Consumers' perception of and attitudes towards organic food in Galicia (Northern Spain). <i>International Journal of Consumer Studies</i> , 2020, 44, 206-219.	7.2	53
13	Specific Interactions in the Inclusion Complexes of Pyronines Y and B with $\beta$ -Cyclodextrin. <i>Journal of Physical Chemistry B</i> , 2005, 109, 1364-1370.	1.2	51
14	Keto-enol tautomerization of 2-(2'-hydroxyphenyl)benzoxazole and 2-(2'-hydroxy-4'-methylphenyl)benzoxazole in the triplet state: hydrogen tunneling and isotope effects. Transient absorption kinetics. <i>The Journal of Physical Chemistry</i> , 1991, 95, 10503-10509.	2.9	50
15	Triplet state formation and cis $\rightarrow$ trans isomerization in the excited singlet state of the keto tautomer of 2-(2-hydroxyphenyl)benzothiazole. <i>Chemical Physics Letters</i> , 1990, 174, 609-616.	1.2	45
16	Dye-Exchange Dynamics in Micellar Solutions Studied by Fluorescence Correlation Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2007, 111, 3614-3624.	1.2	41
17	Dendritic Growth of a Supramolecular Complex. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2856-2858.	7.2	38
18	Keto-enol tautomerization of 2-(2-hydroxyphenyl)benzoxazole and 2-(2-hydroxy-4-methylphenyl)benzoxazole in the triplet state: hydrogen tunneling and isotope effects. 2. Dual phosphorescence kinetics. <i>The Journal of Physical Chemistry</i> , 1991, 95, 10509-10518.	2.9	36

#	ARTICLE	IF	CITATIONS
19	Determination of second-order association constants by global analysis of <sup>1</sup> H and <sup>13</sup> C NMR chemical shifts.. Steroids, 2003, 68, 43-53.	0.8	34
20	When the Kitchen Turns into a Physical Chemistry Lab. Journal of Chemical Education, 2020, 97, 3090-3096.	1.1	32
21	Role of electrostatic and hydrophobic forces in the interaction of ionic dyes with charged micelles. Photochemical and Photobiological Sciences, 2010, 9, 687-696.	1.6	30
22	Principal Component Global Analysis of Fluorescence and Absorption Spectra of 2-(2'-Hydroxyphenyl)Benzimidazole. Applied Spectroscopy, 2001, 55, 630-636.	1.2	28
23	Dye exchange in micellar solutions. Quantitative analysis of bulk and single molecule fluorescence titrations. Soft Matter, 2013, 9, 10779.	1.2	28
24	Towards Ratiometric Sensing of Amyloid Fibrils In Vitro. Chemistry - A European Journal, 2015, 21, 3425-3434.	1.7	23
25	Supramolecular Linear Conglomerates Formed by $\beta$ -Cyclodextrin Dimers and Sodium Deoxycholate. Supramolecular Chemistry, 2002, 14, 397-404.	1.5	20
26	Spectra and structure of complexes formed by sodium fusidate and potassium helvolate with $\beta$ - and $\gamma$ -cyclodextrin. Steroids, 2003, 68, 55-64.	0.8	20
27	Exchange-dynamics of a neutral hydrophobic dye in micellar solutions studied by Fluorescence Correlation Spectroscopy. Journal of Colloid and Interface Science, 2010, 345, 369-376.	5.0	20
28	Unveiling the multi-step solubilization mechanism of sub-micron size vesicles by detergents. Scientific Reports, 2019, 9, 12897.	1.6	20
29	Kinetics of photoenolization of 5,8-dimethyl-1-tetralone: hydrogen-transfer tunnel-effects in the excited triplet state.. The Journal of Physical Chemistry, 1991, 95, 2022-2026.	2.9	19
30	Host-guest association studied by fluorescence correlation spectroscopy. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2011, 70, 259-268.	1.6	19
31	Complexation of Methyl Orange with $\alpha$ -cyclodextrin: Detailed Analysis and Application to Quantification of Polymer-bound Cyclodextrin. Supramolecular Chemistry, 2004, 16, 549-559.	1.5	17
32	Resolution of the Association Equilibria of 2-(p-Toluidinyl)-naphthalene-6-sulfonate (TNS) with $\beta$ -Cyclodextrin and a Charged Derivative. Journal of Physical Chemistry B, 2001, 105, 5994-6003.	1.2	15
33	Host-Assisted Guest Self-Assembly: Enhancement of the Dimerization of Pyronines Y and B by $\beta$ -Cyclodextrin. ChemPhysChem, 2009, 10, 931-939.	1.0	15
34	Complexation of Several Fungicides with $\beta$ -Cyclodextrin: Determination of the Association Constants and Isolation of the Solid Complexes. Journal of Agricultural and Food Chemistry, 2003, 51, 5036-5040.	2.4	14
35	A Surfactant Concentration Model for the Systematic Determination of the Critical Micellar Concentration and the Transition Width. Molecules, 2021, 26, 5339.	1.7	14
36	Single-Molecule Approach to DNA Minor-Groove Association Dynamics. Angewandte Chemie - International Edition, 2012, 51, 7541-7544.	7.2	12

#	ARTICLE	IF	CITATIONS
37	Principal Component Global Analysis of Series of Fluorescence Spectra. <i>Reviews in Fluorescence</i> , 2011, , 23-45.	0.5	10
38	Freezing Point of Milk: A Natural Way To Understand Colligative Properties. <i>Journal of Chemical Education</i> , 2007, 84, 1673.	1.1	8
39	Fluorescence-Labelled Bis-benzamides as Fluorogenic DNA Minor-Groove Binders: Photophysics and Binding Dynamics. <i>Chemistry - A European Journal</i> , 2015, 21, 1609-1619.	1.7	7
40	Three-in-one-Complexes Formed by Anionic Guests and Monosubstituted Cationic Alkyldiamino $\beta$ -Cyclodextrin Derivatives. <i>Supramolecular Chemistry</i> , 2003, 15, 207-211.	1.5	6
41	Three-in-One-Complexes Formed by Anionic Guests and Monosubstituted Cationic Alkyldiamino $\beta$ -Cyclodextrin Derivatives. <i>ChemInform</i> , 2003, 34, no.	0.1	0
42	Spectroscopic Characterization of Mitochondrial G-Quadruplexes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 925.	1.8	0