

# Fadhil S Kamounah

## List of Publications by Year in descending order

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38  
papers

1,311  
citations

567281

15  
h-index

345221

36  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1588  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heck Reactions Catalyzed by PAMAM-Dendrimer Encapsulated Pd(0) Nanoparticles. <i>Nano Letters</i> , 2001, 1, 499-501.	9.1	186
2	Tautomerism in Hydroxynaphthaldehyde Anils and Azo Analogues: a Combined Experimental and Computational Study. <i>Journal of Physical Chemistry A</i> , 2004, 108, 7603-7612.	2.5	151
3	Tautomerism of 2-hydroxynaphthaldehyde Schiff bases. <i>Perkin Transactions II RSC</i> , 2000, , 1173-1179.	1.1	132
4	A systematic femtosecond study on the two-photon absorbing D- $\pi$ -A molecules' bridge nitrogen insertion and strength of the donor and acceptor groups. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 1193-1197.	2.8	126
5	Carbohydrate polymer-based silver nanocomposites: Recent progress in the antimicrobial wound dressings. <i>Carbohydrate Polymers</i> , 2020, 231, 115696.	10.2	124
6	Excited state intramolecular proton transfer in some tautomeric azo dyes and schiff bases containing an intramolecular hydrogen bond. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2002, 152, 183-191.	3.9	113
7	Temperature dependent absorption spectroscopy of some tautomeric azo dyes and Schiff bases. <i>Perkin Transactions II RSC</i> , 2001, , 2303-2308.	1.1	59
8	MASS SPECTRAL STUDY OF TAUTOMERISM IN SOME 1-HYDROXY-2-NAPHTHALDEHYDE SCHIFF BASES. <i>Spectroscopy Letters</i> , 2002, 35, 327-335.	1.0	41
9	Needle-shaped amphoteric calix[4]arene as a magnetic nanocarrier for simultaneous delivery of anticancer drugs to the breast cancer cells. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2619-2636.	6.7	38
10	Fabrication and characterization of a titanium dioxide (TiO <sub>2</sub> ) nanoparticles reinforced bio-nanocomposite containing Miswak ( <i>Salvadora persica</i> L.) extract: the antimicrobial, thermo-physical and barrier properties. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 3439-3454.	6.7	36
11	Baicalin, a natural antimicrobial and anti-biofilm agent. <i>Journal of Herbal Medicine</i> , 2021, 27, 100432.	2.0	32
12	7-OH quinoline Schiff bases: are they the long awaited tautomeric bistable switches?. <i>Dyes and Pigments</i> , 2021, 195, 109739.	3.7	22
13	Validation of potential energy distribution by VEDA in vibrational assignment some of $\hat{I}^2$ -diketones; comparison of theoretical predictions and experimental vibration shifts upon deuteration. <i>Journal of Molecular Graphics and Modelling</i> , 2021, 107, 107976.	2.4	20
14	Substitution and Solvent Effect of Some Substituted Hydroxy Schiff Bases. <i>Spectroscopy Letters</i> , 1998, 31, 1557-1567.	1.0	18
15	Proteomic Applications in Antimicrobial Resistance and Clinical Microbiology Studies. <i>Infection and Drug Resistance</i> , 2020, Volume 13, 1785-1806.	2.7	18
16	A CO <sub>2</sub> -Catalyzed Transamidation Reaction. <i>Journal of Organic Chemistry</i> , 2021, 86, 16867-16881.	3.2	16
17	Computational Prediction of <sup>1</sup> H and <sup>13</sup> C NMR Chemical Shifts for Protonated Alkylpyrroles: Electron Correlation and Not Solvation is the Salvation. <i>ChemPhysChem</i> , 2019, 20, 78-91.	2.1	15
18	Intramolecular Hydrogen Bonds in Normal and Sterically Compressed o-Hydroxy Aromatic Aldehydes. Isotope Effects on Chemical Shifts and Hydrogen Bond Strength. <i>Molecules</i> , 2019, 24, 4533.	3.8	14

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19	In Silico and In Vitro Screening of 50 Curcumin Compounds as EGFR and NF- $\kappa$ B Inhibitors. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3966.	4.1	14
20	Spectroscopic Study of Tautomerism in Substituted Naphtylidineanilenes. <i>Spectroscopy Letters</i> , 1996, 29, 659-666.	1.0	13
21	Oxidative coupling and polymerization of pyrroles. <i>Electrochimica Acta</i> , 2005, 50, 4936-4955.	5.2	13
22	Solid state tautomerism in 2-((phenylimino)methyl)naphthalene-1-ol. <i>Dyes and Pigments</i> , 2009, 83, 121-126.	3.7	12
23	The possible tautomerism of the potential rotary switch 2-(2-(2-Hydroxy-4-nitrophenyl)hydrazono)-1-phenylbutane-1,3-dione. <i>Dyes and Pigments</i> , 2017, 144, 249-261.	3.7	12
24	NH Stretching Frequencies of Intramolecularly Hydrogen-Bonded Systems: An Experimental and Theoretical Study. <i>Molecules</i> , 2021, 26, 7651.	3.8	12
25	Molecular structure and intramolecular hydrogen bond strength of 3-methyl-4-amino-3-penten-2-one and its N Me and N-Ph substitutions by experimental and theoretical methods. <i>Journal of Molecular Structure</i> , 2019, 1184, 233-245.	3.6	11
26	Induction of proteome changes involved in biofilm formation of <i>Enterococcus faecalis</i> in response to gentamicin. <i>Microbial Pathogenesis</i> , 2021, 157, 105003.	2.9	10
27	Poly ( $\mu$ -Caprolactone)/Cellulose Nanofiber Blend Nanocomposites Containing ZrO <sub>2</sub> Nanoparticles: A New Biocompatible Wound Dressing Bandage with Antimicrobial Activity. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 577-585.	1.4	10
28	Dianthracenylazatrioxa[8]circulene: Synthesis, Characterization and Application in OLEDs. <i>Chemistry - A European Journal</i> , 2021, 27, 11609-11617.	3.3	7
29	RNA-targeting low-molecular-weight fluorophores for nucleoli staining: synthesis, <i>in silico</i> modelling and cellular imaging. <i>New Journal of Chemistry</i> , 2021, 45, 12818-12829.	2.8	7
30	Molecular structure, intramolecular hydrogen bond strength, vibrational assignment, and spectroscopic insight of 4-phenylamino-3-penten-2-one and its derivatives: A theoretical and experimental study. <i>Journal of Molecular Liquids</i> , 2021, 334, 116035.	4.9	6
31	Azo $\rightleftharpoons$ hydrazone molecular switches: Synthesis and NMR conformational investigation. <i>Magnetic Resonance in Chemistry</i> , 2021, 59, 1116-1125.	1.9	5
32	A CO <sub>2</sub> -Mediated Conjugate Cyanide Addition to Chalcones. <i>Catalysts</i> , 2020, 10, 1481.	3.5	4
33	OH Group Effect in the Stator of $\beta^2$ -Diketones Arylhydrazone Rotary Switches. <i>Chemistry</i> , 2020, 2, 374-389.	2.2	4
34	Isomerization and aggregation of 2-(2-(2-hydroxy-4-nitrophenyl)hydrazono)-1-phenylbutane-1,3-dione: Recent evidences from theory and experiment. <i>Journal of Molecular Liquids</i> , 2019, 283, 242-248.	4.9	3
35	Strong intramolecular hydrogen bonds and steric effects involving Câ€š groups: An NMR and computational study. <i>Magnetic Resonance in Chemistry</i> , 2020, 58, 154-162.	1.9	3
36	Application of Hammett equation to intramolecular hydrogen bond strength in para-substituted phenyl ring of trifluorobenzoylacetone and 1-aryl-1,3-diketone malonates. <i>European Journal of Chemistry</i> , 2018, 9, 213-221.	0.6	3

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37	Structure of a new usnic acid derivative from a deacylating Mannich reaction: NMR studies supported by theoretical calculations of chemical shifts. <i>Magnetic Resonance in Chemistry</i> , 2018, 56, 1094-1100.	1.9	1
38	Crystal structure analysis and supramolecular association in ethyl <i>N</i> -[amino(iminio)methyl]carbamate dichloride hemi-hydrate. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2021, 236, 187-199.	0.8	0