

# Jasim M A Al-Rawi

## List of Publications by Year in descending order

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60  
papers

593  
citations

687363

13  
h-index

713466

21  
g-index

67  
all docs

67  
docs citations

67  
times ranked

410  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, identification and antiplatelet evaluation of 2-morpholino substituted benzoxazines. <i>European Journal of Medicinal Chemistry</i> , 2007, 42, 1200-1210.	5.5	33
2	Synthesis, DNA-PK inhibition, anti-platelet activity studies of 2-(N-substituted-3-aminopyridine)-substituted-1,3-benzoxazines and DNA-PK and PI3K inhibition, homology modelling studies of 2-morpholino-(7,8-di and 8-substituted)-1,3-benzoxazines. <i>European Journal of Medicinal Chemistry</i> , 2012, 57, 85-101.	5.5	33
3	Tritium nuclear magnetic resonance spectroscopy. Part II. Chemical shifts, referencing, and an application. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1974, , 1635.	0.9	32
4	From neutral to ionic species: amine- $\pi$ -p-tert-butylcalix(n)arene (n= 6, 8) interaction. Electrochemical, thermodynamic and structural studies in benzonitrile. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1993, 89, 2727-2736.	1.7	32
5	Synthesis, structure elucidation, DNA-PK and PI3K and anti-cancer activity of 8- and 6-aryl-substituted-1,3-benzoxazines. <i>European Journal of Medicinal Chemistry</i> , 2016, 110, 326-339.	5.5	30
6	Use of Diphenyliodonium Bromide in the Synthesis of Some N-Phenyl $\alpha$ -Amino Acids. <i>Synthetic Communications</i> , 2010, 40, 1161-1179.	2.1	28
7	Generalized Method for the Production of 1,3-Benzoxazine, 1,3-Benzothiazine, and Quinazoline Derivatives from $\alpha$ -(Hydroxy, Thio, or Amino) Aromatic Acids Using Triphenylphosphine Thiocyanogen. <i>Synthetic Communications</i> , 2005, 35, 1601-1611.	2.1	24
8	Synthesis, structural elucidation, DNA-PK inhibition, homology modelling and anti-platelet activity of morpholino-substituted-1,3-naphth-oxazines. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 3983-3994.	3.0	24
9	Use of tritium nuclear magnetic resonance for the direct location of $^3\text{H}$ in biosynthetically-labelled penicillic acid. <i>Journal of the Chemical Society Chemical Communications</i> , 1974, , 220.	2.0	23
10	Synthesis, structural elucidation and DNA-dependant protein kinase and antiplatelet studies of 2-amino-[5, 6, 7, 8-mono and 7, 8-di-substituted]-1,3-benzoxazines. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4934-4946.	5.5	23
11	Tritium nuclear magnetic resonance spectroscopy. Part VI. Tritiated steroid hormones. <i>Steroids</i> , 1976, 28, 359-375.	1.8	22
12	Tritium nuclear magnetic resonance spectroscopy. Part III. Coupling constants and isotope effects, and calculation of $^2\text{J}_{\text{HH}}$ coupling constants. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1975, , 449.	0.9	19
13	Tritium nuclear magnetic resonance. Part V.1 distribution of tritium in labelled polycyclic hydrocarbons. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1976, 12, 293-306.	1.0	15
14	Tritium nuclear magnetic resonance spectroscopy. Part 10. Distribution of tritium in some labelled nitrogen heterocyclic compounds. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1979, , 386.	0.9	12
15	The $^{13}\text{C}$ chemical shifts of $\alpha$ - $^2\text{-hydroxy}$ -substituted N-benzylidene-anilines and some N,N-(o-hydroxy-benzylidene)diamines. <i>Magnetic Resonance in Chemistry</i> , 1984, 22, 535-535.	0.7	12
16	Dual and/or selective DNA-PK, PI3K inhibition and isoform selectivity of some new and known 2-amino-substituted-1,3-benzoxazines and substituted-1,3-naphthoxazines. <i>Medicinal Chemistry Research</i> , 2014, 23, 4680-4691.	2.4	12
17	Studies of tertiary amine oxides. 4. Thermal rearrangement of N-aryl amine oxides to O-arylhydroxylamines. <i>Journal of Organic Chemistry</i> , 1981, 46, 3634-3638.	3.2	11
18	Tritium nuclear magnetic resonance spectroscopy. Part IV[ref. (1)]. Distribution of tritium in [ $^3\text{H}$ ] phenylalanine and other amino acids. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1976, 12, 265-273.	1.0	10

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19	Studies in tertiary amine oxides part IIâ€”carbon-13 nuclear magnetic resonance spectra of selected acetylenic amines, their N-oxides and the Meisenheimer rearrangement products. <i>Magnetic Resonance in Chemistry</i> , 1980, 14, 161-165.	0.7	10
20	Carbon-13 NMR of some organophosphorus compounds. 2â€”chemical shifts and $Pi\epsilon C$ coupling constants of diaryl-, dialkoxy- and diaryloxy-phosphine amines with general formula $Y_2PNRR'$ . <i>Magnetic Resonance in Chemistry</i> , 1984, 22, 336-339.	0.7	10
21	Carbon-13 chemical shift assignment of some organophosphorus compounds. IVâ€”2-oxo- and 2-thio-2-phenoxy-1,3,2-diazaphosphorinanes and related P(IV) compounds. <i>Magnetic Resonance in Chemistry</i> , 1985, 23, 728-731.	1.9	10
22	Functionalization of Quinazolinâ€”ones Part 1: Synthesis of Novel 7â€”substitutedâ€”2â€”thioxo Quinazolinâ€”ones from 4â€”substitutedâ€”2â€”aminobenzoic Acids and $PPH_3(SCN)_2$ . <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 162-174.	2.6	10
23	Synthesis of linear and angular aryl-morpholino-naphth-oxazines, their DNA-PK, PI3K, PDE3A and antiplatelet activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 5534-5538.	2.2	10
24	Heterocyclic syntheses with malonyl chloride. Part X. 2-Aryl- and -alkyl-thio-7-chloropyrano[3,4-e][1,3]oxazine-4,5-diones from thiocyanates, and their behaviour with amines. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1973, , 2432.	0.9	9
25	Application of tritium nuclear magnetic resonance spectroscopy to the determination of isotopic fractionation factors in methanolâ€”methoxide solutions. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1979, , 1593-1599.	0.9	9
26	Studies in tertiary amine oxides. Part Vâ€”carbon-13 nuclear magnetic resonance spectra of some N-aryl tertiary amines, the corresponding N-oxides and the meisenheimer rearrangement products. <i>Magnetic Resonance in Chemistry</i> , 1982, 18, 104-108.	0.7	9
27	Heterocyclic syntheses with malonyl chloride. Part 12. Confirmatory and revisionary evidence for structures of products derived from 2-alkyl-(or) (-aryl)-thio-7-chloropyrano[3,4-e] <i>Transactions 1</i> , 1977, , 2536.	0.9	9
28	Synthesis Characterization and Antibacterial, Antifungal Activity of N-(Benzyl Carbamoyl or) <i>International Journal of Medicinal Chemistry</i> , 2013, 2013, 1-20.	2.2	8
29	Novel benzoxazines as inhibitors of angiogenesis. <i>Investigational New Drugs</i> , 2015, 33, 45-52.	2.6	8
30	Synthesis, structure elucidation, DNA-PK, PI3K, anti-platelet and anti-bacteria activity of linear 5, 6, and 10-substituted-2-morpholino-chromen-oxazine-dione and angular 3, 4, 6-substituted-8-morpholino-chromen-oxazine-2,10-dione. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 86-95.	5.2	8
31	Heterocyclic syntheses with malonyl dichloride. Part 13. 6-Chloro-4-hydroxy-2-oxopyran-3-carboxanilides from N-sulphinylanilines and further reactions of malonyl dichloride with thiocyanates. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1982, , 1575.	0.9	7
32	Studies in tertiary amine oxides. IIIâ€”carbon-13 NMR assignment of N-alkynyl cyclic amines. <i>Magnetic Resonance in Chemistry</i> , 1981, 15, 285-287.	0.7	6
33	Heterocyclic syntheses with malonyl chloride. Part 14. A direct synthesis of 4,6-dichloropyrimidines with 5-benzyl or -phenyl and 2-thioalkyl or -thiophenyl substituents. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1982, , 2499.	0.9	6
34	Carbon-13 chemical shift assignment of some organophosphorus compounds: Iâ€”Dialkyl and diaryl (alkylamido)phosphates with general formula $Y_2P(X)NHR$ . <i>Magnetic Resonance in Chemistry</i> , 1983, 21, 75-77.	0.7	6
35	Heterocyclic syntheses with malonyl chloride. 15. 7-Chloro-3,4-dihydro-4,5-dioxo-3-aryl(or-alkyl)-2-thio-2H,5H-pyrano[3,4-2-e]-1,3-oxazine from aryl or alkyl isothio-cyanates and their degradation with morpholine and ethanol. <i>Journal FÃ¼r Praktische Chemie</i> , 1988, 330, 859-865.	0.2	6
36	Chemo-sensitisation of HeLa cells to Etoposide by a Benzoxazine in the absence of DNA-PK inhibition. <i>Investigational New Drugs</i> , 2013, 31, 1466-1475.	2.6	6

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37	Deuterium nuclear magnetic resonance spectroscopy. I <sup>1</sup> Larmor frequency ratio, referencing and chemical shift. <i>Magnetic Resonance in Chemistry</i> , 1981, 16, 198-201.	0.7	5
38	Radiosensitizing activity of a novel Benzoxazine through the promotion of apoptosis and inhibition of DNA repair. <i>Investigational New Drugs</i> , 2014, 32, 424-435.	2.6	5
39	Synthesis and biological evaluation of 8-aryl-2-morpholino-7-O-substituted benzo[e][1,3]oxazin-4-ones against DNA-PK, PI3K, PDE3A enzymes and platelet aggregation. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 5531-5536.	3.0	5
40	Heterocyclic syntheses with malonyl chloride. Part XI. Reactions of 2-alkyl-(or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (-aryl)-thio-7 Chemical Society Perkin Transactions 1, 1976, , 2462.	0.9	4
41	<sup>13</sup> C NMR studies of cis-trans isomerization of N-benzylidene-propyl- and -substituted aryl-amines induced by a lanthanide shift reagent. <i>Magnetic Resonance in Chemistry</i> , 1989, 27, 540-543.	1.9	4
42	Synthesis, toxicity and chemo-sensitization of HeLa cells to etoposide, of some 2-methyl amino acid ester-substituted-1,3-benzoxazines. <i>Medicinal Chemistry Research</i> , 2015, 24, 2825-2837.	2.4	4
43	Deuterium nuclear magnetic resonance spectroscopy. II <sup>1</sup> distribution of deuterium in some labelled nitrogen heterocyclic compounds. <i>Magnetic Resonance in Chemistry</i> , 1981, 17, 204-206.	0.7	3
44	Carbon-13 NMR investigation of some pharmacologically important cyclin-alkynylamines. <i>Magnetic Resonance in Chemistry</i> , 1982, 19, 91-94.	0.7	3
45	Reaction of Ph <sub>3</sub> P(SCN) <sub>2</sub> with Further Orthohydroxy Carboxylic Acid Systems, Including Substituted <sup>1</sup> 2-Keto Acids: Synthesis of Novel 2-Thio-1,3-oxazines and Their Subsequent Transformation with Amines. <i>Synthetic Communications</i> , 2008, 38, 4076-4096.	2.1	3
46	Carbon-13 chemical shift assignment of some organophosphorus compounds. Part 3. Diaryl-, dialkoxy- and dihalo-(alkylamido or arylamido) phosphorus derivatives with general formula Y <sub>2</sub> P(X)NHR. <i>Magnetic Resonance in Chemistry</i> , 1985, 23, 285-288.	1.9	2
47	The N-Oxidation effect on the carbon-13 chemical shafts and. H <sup>1</sup> ± in (Z)-H-Renzylidene arylamine and the orthohydroxy benzylidene analogue. <i>Spectroscopy Letters</i> , 1987, 20, 835-841.	1.0	2
48	Mass Spectrometry Study of 7-Chloro-3,4-dihydro-4,5-dioxo-3-substituted Aryl-2-thio-2H, 5H-pyrano [3,4-e]-1,3-Oxazine, their Morpholine and Alcohol Reaction Products. <i>Spectroscopy Letters</i> , 1989, 22, 843-854.	1.0	2
49	The Studies of <sup>13</sup> C NMR Chemical Shifts and Induced Lanthanide Shift Reagent Cis-trans Isomerization of N-Cinamylidene-hexyl, t-butyl and Substituted Aryl-Amines. <i>Spectroscopy Letters</i> , 1991, 24, 161-171.	1.0	2
50	Functionalization of Quinazolin <sup>4</sup> â€œOnes Part 2<sup>#</sup>: Reactivity of 2â€œAminoâ€œ3, 4, 5, or 6â€œNitrobenzoic Acids with Triphenylphosphine Thiocyanate, Alkyl Isothiocyanates, and Further Derivatization Reactions. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 1361-1367.	2.6	2
51	Carbon-13 NMR study of some acetylenic amines, the N-oxides and their rearrangement products. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1987, 43, 1121-1123.	0.1	1
52	Studies of Tertiary Amine Oxides. Part<sup>1</sup>15. Carbon - 13 nuclear magnetic resonance spectra of some N-(4-substituted phenyl) piperidine, the corresponding N-oxides, and their thermal-rearrangement product. <i>Spectroscopy Letters</i> , 1989, 22, 549-560.	1.0	1
53	<sup>1</sup>H and<sup>13</sup>CNMR Study of a New Class of Bipyridinium Liquid Crystals. <i>Spectroscopy Letters</i> , 1990, 23, 811-820.	1.0	1
54	Synthesis, structures elucidation, DNA-PK, PI3K and antiplatelet activity of a series of novel 7- or 8-(N-substituted)-2-morpholino-quinazolines. <i>Medicinal Chemistry Research</i> , 2016, 25, 1695-1704.	2.4	1

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55	Inhibition of AKT signalling by benzoxazine derivative LTUR6 through the modulation of downstream kinases. <i>Investigational New Drugs</i> , 2019, 37, 779-783.	2.6	1
56	Functionalization of Quinazolinâ€”ones Part 3: Synthesis, Structures Elucidation, DNAâ€”PK, PI3K, and Cytotoxicity of Novel 8â€”Arylâ€”2â€”morpholinoâ€”quinazolinâ€”ones. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 124-141.	2.6	1
57	Carbon-13 NMR Spectra of Some 6-Chloro-4-Hydroxy-2-Oxopyrano-3-Carboxyl Derivative, 7-Chloro-Pyrano-1, 3-Oxazine and their Morpholine Reaction Products. <i>Spectroscopy Letters</i> , 1989, 22, 1313-1321.	1.0	0
58	Lanthanide Induced Shift <sup>1</sup> HNMR Study of N-(O-Hydroxy Benzylidene)-P-Z-Phenylamine, N-(O-Hydroxy Benzylidene)-P-Z-Phenylamine-N-Oxides and P-Y-(N-Benzylidene)-P-Z-Phenylamine-N-Oxides. <i>Spectroscopy Letters</i> , 1989, 22, 727-738.	1.0	0
59	Synthesis, antibacterial, and DNA-PK evaluation of some novel 6-fluoro-7-(cyclic amino)-2-(thioxo or) Tj ETQq1 1 0.784314 rgBT /Over antibiotics. <i>Medicinal Chemistry Research</i> , 2015, 24, 2756-2769.	2.4	0
60	Radiosensitizing activity of novel small molecule BRCA1 and DNA-PK inhibitors in lung and colon carcinoma. <i>Journal of Radiation Research and Applied Sciences</i> , 2017, 10, 204-213.	1.2	0