

# Oualid Talhi

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

628  
citations

686830

13  
h-index

642321

23  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1081  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Multicomponent synthesis of pyranonicotinonitrile and chromene-3-carbonitrile: Studies on bioactivities and molecular docking. <i>Journal of Molecular Structure</i> , 2022, 1264, 133236.  | 1.8 | 3         |
| 2  | Variations of chemical composition of two Algerian essential oils collected for different seasons and assessment of their insecticidal toxicity against three moth pests. <i>Journal of Plant Diseases and Protection</i> , 2021, 128, 1167-1176.   | 1.6 | 5         |
| 3  | Molecular docking and dynamic studies of a potential therapeutic target inhibiting glyoxalase system: Metabolic action of the 3, 3' - [3- (5-chloro-2-hydroxyphenyl) -3-oxopropane-1, 1-diyl] - Bis-4-hydroxycoumarin leads overexpression of the intracellular level of methylglyoxal and induction of a pro-apoptotic phenomenon in a hepatocellular carcinoma model. <i>Chemico-Biological Interactions</i> , 2021, 345, 109511. | 1.7 | 2         |
| 4  | Hemi-synthesis, in-vitro and in-silico bioactivities of new chiral-Schiff bases and benzodiazepine derivatives from <i>Ammodaucus leucotrichus</i> (S)-perillaldehyde. <i>Journal of Molecular Structure</i> , 2021, 1241, 130690.  | 1.8 | 6         |
| 5  | Hemi-synthesis of novel (S)-carvone hydrazone from <i>Carum carvi</i> essential oils: Structural and crystal characterization, targeted bioassays and molecular docking on human protein kinase (CK2) and Epidermal Growth factor Kinase (EGFK). <i>Journal of Molecular Structure</i> , 2021, 1246, 131220.  | 1.8 | 4         |
| 6  | A step-by-step synthesis of triazole-benzimidazole-chalcone hybrids: Anticancer activity in human cells+. <i>Journal of Molecular Structure</i> , 2020, 1204, 127487.   | 1.8 | 54        |
| 7  | Multicomponent and 1,3-dipolar cycloaddition synthesis of triazole- and isoxazole-acridinedione/xanthenedione heterocyclic hybrids: Cytotoxic effects on human cancer cells. <i>Journal of Molecular Structure</i> , 2020, 1217, 128325.  | 1.8 | 21        |
| 8  | Phenolic profiling, biological activities and in silico studies of <i>Acacia tortilis</i> (Forssk.) Hayne ssp. <i>raddiana</i> extracts. <i>Food Bioscience</i> , 2020, 36, 100616.   | 2.0 | 17        |
| 9  | Bis(4-hydroxy-2H-chromen-2-one) Coumarin Induces Apoptosis in MCF-7 Human Breast Cancer Cells Through Aromatase Inhibition. <i>Anticancer Research</i> , 2019, 39, 6107-6114.   | 0.5 | 13        |
| 10 | Hemi-Synthesis of Chiral Imine, Benzimidazole and Benzodiazepines from Essential Oil of <i>Ammodaucus leucotrichus</i> subsp. <i>leucotrichus</i> . <i>Molecules</i> , 2019, 24, 975.   | 1.7 | 10        |
| 11 | Synthesis of Benzophenones and in vitro Evaluation of Their Anticancer Potential in Breast and Prostate Cancer Cells. <i>ChemMedChem</i> , 2019, 14, 1041-1048.   | 1.6 | 11        |
| 12 | Diastereoselective One-Pot Tandem Synthesis of Chromeno[4,3-b]pyridodiazepinones through 1,4- and 1,6-Aza-Conjugate Additions/ Heterocyclizations. <i>Synlett</i> , 2018, 29, ex-ex.  | 1.0 | 0         |
| 13 | Synthetic Approach Toward Heterocyclic Hybrids of [1,2,4]Triazolo[3,4-b][1,3,4]thiadiazines. <i>Synlett</i> , 2018, 29, 1502-1504.  | 1.0 | 11        |
| 14 | Diastereoselective One-Pot Tandem Synthesis of Chromenopyridodiazepinones through 1,4- and 1,6-Aza-Conjugate Additions/Heterocyclizations. <i>Synlett</i> , 2018, 29, 885-889.  | 1.0 | 2         |
| 15 | Cytostatic hydroxycoumarin OT52 induces ER/Golgi stress and STAT3 inhibition triggering non-canonical cell death and synergy with BH3 mimetics in lung cancer. <i>Cancer Letters</i> , 2018, 416, 94-108.   | 3.2 | 35        |
| 16 | Regioselective and Catalyst-Free Epoxidation of (E)-3-[3-(2-Hydroxyaryl)-3-oxoprop-1-en-1-yl]chromones. <i>Synlett</i> , 2018, 29, 2633-2637.   | 1.0 | 3         |
| 17 | Hydroxycoumarin OT-55 kills CML cells alone or in synergy with imatinib or Syribo: Involvement of ER stress and DAMP release. <i>Cancer Letters</i> , 2018, 438, 197-218.   | 3.2 | 29        |
| 18 | One-Pot Three-Component Synthesis of Bispyrazole-thiazole-pyran-2-one Heterocyclic Hybrids. <i>Synlett</i> , 2018, 29, 1776-1780.   | 1.0 | 6         |

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|----|--|-----|-----------|
| 19 | Catalyst-Free One-Pot Synthesis of Chromeno-Imidazo-Pyridinones by an Aza-Michael Addition/Rearrangement/Heterocyclization Tandem Reaction. <i>Synlett</i> , 2018, 29, 1437-1440.  | 1.0 | 1         |
| 20 | Advances in Spirocyclic Hybrids: Chemistry and Medicinal Actions. <i>Current Medicinal Chemistry</i> , 2018, 25, 3748-3767.  | 1.2 | 42        |
| 21 | Cholinesterase Inhibitory Activity of Some semi-Rigid Spiro Heterocycles: POM Analyses and Crystalline Structure of Pharmacophore Site. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 711-716.                            | 1.1 | 12        |
| 22 | Anticancer Activity Study of Chromone and Coumarin Hybrids using Electrical Impedance Spectroscopy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 854-864.  | 0.9 | 7         |
| 23 | Dibenzo[b,e][1,4]diazepin-1-ones and their Ring-Opened Derivatives: Revisited Synthesis, 2D NMR and Crystal Structure. <i>Synlett</i> , 2017, 28, 2247-2252.   | 1.0 | 6         |
| 24 | Organobase catalysed one-pot exo-selective synthesis of meso-spiro[cyclohexanone-pyrandione] derivatives. <i>New Journal of Chemistry</i> , 2017, 41, 10790-10798.   | 1.4 | 1         |
| 25 | Anti-proliferative, Cytotoxic and NF- $\kappa$ B Inhibitory Properties of Spiro(Lactone-Cyclohexanone) Compounds in Human Leukemia. <i>Anticancer Research</i> , 2017, 37, 5225-5233.  | 0.5 | 4         |
| 26 | Catalytic One-Pot Diastereoselective Michael-Initiated Ring-Closure of Methyl Ketones with 3-Bromochromones: Synthesis of Cyclopropa[chromanones]. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3949-3958.           | 1.2 | 8         |
| 27 | The Antiinflammatory Potential of Flavonoids. <i>Studies in Natural Products Chemistry</i> , 2016, 48, 65-99.  | 0.8 | 23        |
| 28 | Multicomponent Synthesis of 2-[Aryl(arylamino)methyl]furo[3,2-c]pyran-3,4-diones and Diastereoselective Furan Ring Opening to (Z)-3-[3-Aryl-3-(arylamino)acryloyl]-4-hydroxypyran-2-ones. <i>Synlett</i> , 2016, 27, 2274-2278.    | 1.0 | 2         |
| 29 | One-Pot Synthesis of Benzopyranones with Cancer Preventive and Therapeutic Potential. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 965-975.  | 1.2 | 31        |
| 30 | Actions of Bisnucleophiles on (E)-3-[3-(2-Hydroxyaryl)-3-oxoprop-1-en-1-yl]chromones: Versatile Transformations into Oxygen- and Nitrogen-Containing Heterocycles. <i>Synlett</i> , 2016, 27, 465-470.                             | 1.0 | 5         |
| 31 | Effects of Spiro-bisheterocycles on Proliferation and Apoptosis in Human Breast Cancer Cell Lines. <i>Anticancer Research</i> , 2016, 36, 6399-6408.   | 0.5 | 11        |
| 32 | One-Pot Synthesis of Novel Highly Functionalized Furan-Based Polyphenolics. <i>Synlett</i> , 2015, 26, 2724-2729.  | 1.0 | 7         |
| 33 | Synthesis of functionalized benzimidazole-butylolactone dyads. <i>Tetrahedron Letters</i> , 2015, 56, 1020-1024.   | 0.7 | 2         |
| 34 | Synthesis and Ring Transformation of Oxygen and Nitrogen Spiro Bisheterocycles. <i>Synlett</i> , 2015, 26, 167-172.  | 1.0 | 3         |
| 35 | Organobase catalyzed 1,4-conjugate addition of 4-hydroxycoumarin on chalcones: Synthesis, NMR and single-crystal X-ray diffraction studies of novel warfarin analogues. <i>Journal of Molecular Structure</i> , 2015, 1094, 13-21. | 1.8 | 8         |
| 36 | A One-Pot Diastereoselective Synthesis of 2-[Aryl(hydroxy)methyl]-6-methyl-2H-furo[3,2-c]pyran-3,4-diones: Crystallographic Evidence for the Furanone Ring Closure. <i>Synlett</i> , 2015, 26, 1749-1754.                          | 1.0 | 5         |

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|----|---|-----|-----------|
| 37 | 2D-NMR, X-ray crystallography and theoretical studies of the reaction mechanism for the synthesis of 1,5-benzodiazepines from dehydroacetic acid derivatives and o-phenylenediamines. <i>Journal of Molecular Structure</i> , 2014, 1061, 97-103. | 1.8 | 10        |
| 38 | Bis(4-hydroxy-2H-chromen-2-one): Synthesis and effects on leukemic cell lines proliferation and NF- $\kappa$ B regulation. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3008-3015.   | 1.4 | 23        |
| 39 | Visible light-induced diastereoselective <i>E/Z</i> photoisomerization equilibrium of the C=C benzofuran-one-hydantoin dyad. <i>Journal of Physical Organic Chemistry</i> , 2014, 27, 756-763.  | 0.9 | 6         |
| 40 | The French Paradox at Tea Time: From Antioxidant Flavonoids and Stilbenes Toward Bio-inspired Synthetic Derivatives. , 2014, , 149-189.   |     | 1         |
| 41 | Synthesis of novel 2H,8H-pyrano[2,3-f]chromene-2,8-diones from 8-formyl-7-hydroxy-4-methylcoumarin. <i>Tetrahedron Letters</i> , 2013, 54, 5111-5114.   | 0.7 | 19        |
| 42 | Novel benzofuran-chromone and coumarin derivatives: synthesis and biological activity in K562 human leukemia cells. <i>MedChemComm</i> , 2013, 4, 1571.   | 3.5 | 41        |
| 43 | Diastereoselective synthesis of benzofuran-3(2H)-one-hydantoin dyads. <i>Tetrahedron</i> , 2013, 69, 5413-5420.   | 1.0 | 13        |
| 44 | Synthesis of 5-(2-Hydroxybenzoyl)-1,3-Disubstituted Uracils. <i>Synlett</i> , 2013, 24, 1147-1149.  | 1.0 | 2         |
| 45 | Hydroxylated Polyfunctionalized Benzo[c]coumarins by an Organocatalyzed Tandem 1,4-Conjugate Addition, Decarboxylation and Aromatization Reaction. <i>Synlett</i> , 2013, 24, 2559-2562.  | 1.0 | 8         |
| 46 | Organic Synthesis of C-Prenylated Phenolic Compounds. <i>Current Organic Chemistry</i> , 2013, 17, 1067-1102.   | 0.9 | 13        |
| 47 | 1,3-Dicyclohexylimidazolidine-2,4,5-trione: a second polymorph. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o3233-o3234.  | 0.2 | 0         |
| 48 | Advances in C-glycosylflavonoid Research. <i>Current Organic Chemistry</i> , 2012, 16, 859-896.   | 0.9 | 79        |
| 49 | 1,3-Dicyclohexylimidazolidine-2,4,5-trione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o3243-o3243.  | 0.2 | 2         |