

Tarek S Ibrahim

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

116
papers

1,333
citations

22
h-index

28
g-index

123
ext. papers

1,775
ext. citations

3.8
avg, IF

4.95
L-index

#	Paper	IF	Citations
116	Repurposing α -Adrenoreceptor Blockers as Promising Anti-Virulence Agents in Gram-Negative Bacteria.. <i>Antibiotics</i> , 2022 , 11,	4.9	4
115	Sitagliptin Combined HIV-TAT as Potential Therapeutic Targeting of SARS-CoV-2 Virus. <i>International Journal of Pharmacology</i> , 2022 , 18, 70-78	0.7	
114	Computational and Biological Evaluation of α -Adrenoreceptor Blockers as Promising Bacterial Anti-Virulence Agents.. <i>Pharmaceuticals</i> , 2022 , 15,	5.2	7
113	Synthesis, Antimicrobial, Anti-Virulence and Anticancer Evaluation of New 5(4)-Oxazolone-Based Sulfonamides.. <i>Molecules</i> , 2022 , 27,	4.8	7
112	Elevated Levels of IL-33, IL-17 and IL-25 Indicate the Progression from Chronicity to Hepatocellular Carcinoma in Hepatitis C Virus Patients.. <i>Pathogens</i> , 2022 , 11,	4.5	8
111	Synthesis, Antibacterial Evaluation, and Computational Studies of a Diverse Set of Linezolid Conjugates.. <i>Pharmaceuticals</i> , 2022 , 15,	5.2	1
110	Uracil as a Zn-Binding Bioisostere of the Allergic Benzenesulfonamide in the Design of Quinoline-Uracil Hybrids as Anticancer Carbonic Anhydrase Inhibitors. <i>Pharmaceuticals</i> , 2022 , 15, 494	5.2	0
109	Novel Sunifiram-carbamate hybrids as potential dual acetylcholinesterase inhibitor and NMDAR co-agonist: simulation-guided analogue design and pharmacological screening.. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022 , 37, 1241-1256	5.6	1
108	Anti-Quorum Sensing Activities of Gliptins against <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> . <i>Biomedicines</i> , 2022 , 10, 1169	4.8	3
107	Sodium Citrate Alleviates Virulence in <i>Pseudomonas aeruginosa</i> . <i>Microorganisms</i> , 2022 , 10, 1046	4.9	1
106	Alteration of Virulence and Host Pathogenesis through Targeting by Using the CRISPR-Cas9 System.. <i>Microorganisms</i> , 2021 , 9,	4.9	12
105	Synthesis of aspirin-curcumin mimic conjugates of potential antitumor and anti-SARS-CoV-2 properties. <i>Bioorganic Chemistry</i> , 2021 , 117, 105466	5.1	3
104	Design and synthesis of ibuprofen-quinoline conjugates as potential anti-inflammatory and analgesic drug candidates.. <i>Bioorganic Chemistry</i> , 2021 , 119, 105557	5.1	10
103	Fluoroquinolone-3-carboxamide Amino Acid Conjugates: Synthesis, Antibacterial Properties And Molecular Modeling Studies. <i>Medicinal Chemistry</i> , 2021 , 17, 71-84	1.8	3
102	Plant-Based Natural Products and Extracts: Potential Source to Develop New Antiviral Drug Candidates. <i>Molecules</i> , 2021 , 26,	4.8	2
101	New Multi-Targeted Antiproliferative Agents: Design and Synthesis of IC261-Based Oxindoles as Potential Tubulin, CK1 and EGFR Inhibitors. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	3
100	Novel Levothyroxine HIV-TAT Nanoconjugates Suppressing HeLa Cell Lines Growth in Management of Cervical Cancer. <i>International Journal of Pharmacology</i> , 2021 , 17, 300-307	0.7	

99	Xylitol Inhibits Growth and Blocks Virulence in. <i>Microorganisms</i> , 2021 , 9,	4.9	15
98	Novel 1,2,4-oxadiazole-chalcone/oxime hybrids as potential antibacterial DNA gyrase inhibitors: Design, synthesis, ADMET prediction and molecular docking study. <i>Bioorganic Chemistry</i> , 2021 , 111, 104885	5.1	8
97	Not Only Antimicrobial: Metronidazole Mitigates the Virulence of <i>Proteus mirabilis</i> Isolated from Macerated Diabetic Foot Ulcer. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 6847	2.6	13
96	Novel 1,2,4-triazine-quinoline hybrids: The privileged scaffolds as potent multi-target inhibitors of LPS-induced inflammatory response via dual COX-2 and 15-LOX inhibition. <i>European Journal of Medicinal Chemistry</i> , 2021 , 219, 113457	6.8	8
95	Novel chalcone/aryl carboximidamide hybrids as potent anti-inflammatory via inhibition of prostaglandin E2 and inducible NO synthase activities: design, synthesis, molecular docking studies and ADMET prediction. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021 , 36, 1067-1078	5.6	1
94	Evaluation of the Antiviral Activity of Sitagliptin-Glatiramer Acetate Nano-Conjugates against SARS-CoV-2 Virus. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
93	Repurposing of Sitagliptin- Melittin Optimized Nanoformula against SARS-CoV-2: Antiviral Screening and Molecular Docking Studies. <i>Pharmaceutics</i> , 2021 , 13,	6.4	12
92	Repurposing of antidiabetics as <i>Serratia marcescens</i> virulence inhibitors. <i>Brazilian Journal of Microbiology</i> , 2021 , 52, 627-638	2.2	15
91	3-Alkenyl-2-oxindoles: Synthesis, antiproliferative and antiviral properties against SARS-CoV-2. <i>Bioorganic Chemistry</i> , 2021 , 114, 105131	5.1	4
90	New Pyrazine Conjugates: Synthesis, Computational Studies, and Antiviral Properties against SARS-CoV-2. <i>ChemMedChem</i> , 2021 , 16, 3418-3427	3.7	2
89	Design, synthesis and pharmacological screening of novel renoprotective methionine-based peptidomimetics: Amelioration of cisplatin-induced nephrotoxicity. <i>Bioorganic Chemistry</i> , 2021 , 114, 105100	5.1	1
88	New quinoline-triazole conjugates: Synthesis, and antiviral properties against SARS-CoV-2. <i>Bioorganic Chemistry</i> , 2021 , 114, 105117	5.1	11
87	Discovery of novel quinoline-based analogues of combretastatin A-4 as tubulin polymerisation inhibitors with apoptosis inducing activity and potent anticancer effect. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021 , 36, 802-818	5.6	4
86	Discovery of Highly Potent Fusion Inhibitors with Potential Pan-Coronavirus Activity That Effectively Inhibit Major COVID-19 Variants of Concern (VOCs) in Pseudovirus-Based Assays.. <i>Viruses</i> , 2021 , 14,	6.2	3
85	N-Acylbenzotriazole: convenient approach for protecting group-free monoacylation of symmetric diamines. <i>Monatshefte Für Chemie</i> , 2020 , 151, 589-598	1.4	5
84	Synthesis and molecular modeling studies of cholinesterase inhibitor dispiro[indoline-3,2'-pyrrolidine-3',3''-pyrrolidines].. <i>RSC Advances</i> , 2020 , 10, 21830-21838	3.7	4
83	An Efficient Greener Approach for -Acylation of Amines in Water Using Benzotriazole Chemistry. <i>Molecules</i> , 2020 , 25,	4.8	2
82	The Enhanced Cytotoxic and Pro-Apoptotic Effects of Optimized Simvastatin-Loaded Emulsomes on MCF-7 Breast Cancer Cells. <i>Pharmaceutics</i> , 2020 , 12,	6.4	11

81	Design, synthesis, and pharmacological evaluation of novel and selective COX-2 inhibitors based on bumetanide scaffold. <i>Bioorganic Chemistry</i> , 2020 , 100, 103878	5.1	6
80	Design, synthesis and anticancer activity of novel valproic acid conjugates with improved histone deacetylase (HDAC) inhibitory activity. <i>Bioorganic Chemistry</i> , 2020 , 99, 103797	5.1	11
79	Synthesis, pharmacological profile and 2D-QSAR studies of curcumin-amino acid conjugates as potential drug candidates. <i>European Journal of Medicinal Chemistry</i> , 2020 , 196, 112293	6.8	16
78	Design, synthesis and biological evaluation of novel 5-((substituted quinolin-3-yl/1-naphthyl)methylene)-3-substituted imidazolidin-2,4-dione as HIV-1 fusion inhibitors. <i>Bioorganic Chemistry</i> , 2020 , 99, 103782	5.1	15
77	Natural Products as Potential Anti-Alzheimer Agents. <i>Current Medicinal Chemistry</i> , 2020 , 27, 5887-5917	4.3	23
76	Design, synthesis, antimicrobial, and DNA gyrase inhibitory properties of fluoroquinolone-dichloroacetic acid hybrids. <i>Chemical Biology and Drug Design</i> , 2020 , 95, 248-259	2.9	7
75	The Anticancer Activity for the Bumetanide-Based Analogs via Targeting the Tumor-Associated Membrane-Bound Human Carbonic Anhydrase-IX Enzyme. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	13
74	Design and synthesis of novel pyrazolo[3,4-d]pyrimidin-4-one bearing quinoline scaffold as potent dual PDE5 inhibitors and apoptotic inducers for cancer therapy. <i>Bioorganic Chemistry</i> , 2020 , 105, 104352 ^{5.1}	5.1	2
73	In Vitro Antimycobacterial Activity and Physicochemical Characterization of Diaryl Ether Triclosan Analogues as Potential InhA Reductase Inhibitors. <i>Molecules</i> , 2020 , 25,	4.8	2
72	Potent Quinoline-Containing Combretastatin A-4 Analogues: Design, Synthesis, Antiproliferative, and Anti-Tubulin Activity. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	4
71	Efficient Synthesis and Computational Studies of Useful Guanylyating Agents: 1H-Benzotriazole-1-carboximidamides. <i>ChemistrySelect</i> , 2020 , 5, 13963-13968	1.8	1
70	Potential repurposed SARS-CoV-2 (COVID-19) infection drugs.. <i>RSC Advances</i> , 2020 , 10, 26895-26916	3.7	20
69	Synthesis of new ibuprofen hybrid conjugates as potential anti-inflammatory and analgesic agents. <i>Future Medicinal Chemistry</i> , 2020 , 12, 1369-1386	4.1	8
68	Repurposing Anti-diabetic Drugs to Cripple Quorum Sensing in. <i>Microorganisms</i> , 2020 , 8,	4.9	24
67	Antioxidant Property of the Egyptian Propolis Extract Versus Aluminum Silicate Intoxication on a Rat's Lung: Histopathological Studies. <i>Molecules</i> , 2020 , 25,	4.8	1
66	Facile synthetic approach towards vasorelaxant active 4-hydroxyquinazoline-4-carboxamides.. <i>RSC Advances</i> , 2019 , 9, 28534-28540	3.7	7
65	Novel benzenesulfonamide and 1,2-benzisothiazol-3(2H)-one-1,1-dioxide derivatives as potential selective COX-2 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2019 , 171, 372-382	6.8	16
64	Synthesis, computational studies, antimycobacterial and antibacterial properties of pyrazinoic acid-isoniazid hybrid conjugates.. <i>RSC Advances</i> , 2019 , 9, 20450-20462	3.7	9

63	Recent Trends in the Synthesis of Benzimidazoles From o-Phenylenediamine via Nanoparticles and Green Strategies Using Transition Metal Catalysts. <i>Journal of Heterocyclic Chemistry</i> , 2019 , 56, 2702-2729	1.9	7
62	Novel Curcumin Inspired Antineoplastic 1-Sulfonyl-4-Piperidones: Design, Synthesis and Molecular Modeling Studies. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019 , 19, 1069-1078	2.2	7
61	Synthesis, human topoisomerase II α inhibitory properties and molecular modeling studies of anti-proliferative curcumin mimics.. <i>RSC Advances</i> , 2019 , 9, 33761-33774	3.7	8
60	Synthesis, antibacterial properties and 2D-QSAR studies of quinolone-triazole conjugates. <i>European Journal of Medicinal Chemistry</i> , 2018 , 143, 1524-1534	6.8	33
59	Microwave Assisted Synthesis of Spiro Heterocyclic Systems: A Review. <i>Current Organic Chemistry</i> , 2018 , 22, 67-84	1.7	10
58	Synthesis & molecular modeling studies of bronchodilatory active indole-pyridine conjugates. <i>Future Medicinal Chemistry</i> , 2018 , 10, 1787-1804	4.1	8
57	Synthesis of Nucleosides and Non-nucleosides Based 4,6-disubstituted-2-oxo-dihydropyridine-3-carbonitriles as Antiviral Agents. <i>Medicinal Chemistry</i> , 2018 , 14, 791-808	1.8	4
56	Synthesis, X-ray powder diffraction and DFT-D studies of indole-based compounds. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2018 , 233, 421-427	1	1
55	Protective effects of bark extract against D-galactose induced cognitive impairment and oxidative stress in mice. <i>Heliyon</i> , 2018 , 4, e00951	3.6	3
54	Synthesis, molecular modeling studies and bronchodilation properties of nicotinonitrile containing-compounds. <i>European Journal of Medicinal Chemistry</i> , 2017 , 138, 920-931	6.8	12
53	Efficient Synthesis of Pyrazinoic Acid Hybrid Conjugates. <i>SynOpen</i> , 2017 , 01, 0050-0058	0.7	2
52	Spirooxindoles as Potential Pharmacophores. <i>Mini-Reviews in Medicinal Chemistry</i> , 2017 , 17, 1515-1536	3.2	45
51	Synthesis and Anticancer Studies of Novel N-benzyl Pyridazino ne Derivatives. <i>Letters in Drug Design and Discovery</i> , 2017 , 14,	0.8	3
50	Synthesis and Antiviral Bioassay of New Diphenyl Ether-based Compounds. <i>Chemical Biology and Drug Design</i> , 2016 , 88, 511-8	2.9	2
49	Synthesis, in vitro and computational studies of 1,4-disubstituted 1,2,3-triazoles as potential α -glucosidase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 1029-1038	2.9	25
48	The Benzotriazole Story. <i>Advances in Heterocyclic Chemistry</i> , 2016 , 1-23	2.4	10
47	Synthesis and molecular modeling of antimicrobial active fluoroquinolone-pyrazine conjugates with amino acid linkers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 2198-205	2.9	36
46	Efficient synthesis of N-acylbenzotriazoles using tosyl chloride: en route to suberoylanilide hydroxamic acid (SAHA). <i>Arkivoc</i> , 2016 , 2016, 161-170	0.9	4

45	Benzotriazole-Mediated Synthesis and Antibacterial Activity of Novel N-Acylcephalexins. <i>Scientia Pharmaceutica</i> , 2016 , 84, 484-496	4.3	7
44	Synthesis, antimalarial properties and 2D-QSAR studies of novel triazole-quinine conjugates. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 3527-39	3.4	29
43	Green and catalyst-free synthesis of olsalazine analogs. <i>Green Chemistry Letters and Reviews</i> , 2016 , 9, 91-95	4.7	2
42	Synthesis and molecular modeling studies of indole-based antitumor agents. <i>RSC Advances</i> , 2016 , 6, 45434-45453	3.7	59
41	Rational design, synthesis, and 2D-QSAR study of anti-oncological alkaloids against hepatoma and cervical carcinoma. <i>RSC Advances</i> , 2015 , 5, 28554-28569	3.7	23
40	Regioselective synthesis and theoretical studies of an anti-neoplastic fluoro-substituted dispiro-oxindole. <i>RSC Advances</i> , 2015 , 5, 14780-14787	3.7	21
39	Macrocyclic peptidomimetics with antimicrobial activity: synthesis, bioassay, and molecular modeling studies. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 9492-503	3.9	31
38	Synthesis and QSAR study of novel anti-inflammatory active mesalazine-metronidazole conjugates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 2314-20	2.9	24
37	Rational design, synthesis and molecular modeling studies of novel anti-oncological alkaloids against melanoma. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 6619-33	3.9	26
36	Novel antibacterial active quinolone-fluoroquinolone conjugates and 2D-QSAR studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 3816-21	2.9	53
35	Synthesis, molecular docking and anticancer studies of peptides and iso-peptides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 2980-4	2.9	6
34	Quinine conjugates and quinine analogues as potential antimalarial agents. <i>European Journal of Medicinal Chemistry</i> , 2015 , 97, 335-55	6.8	55
33	Applications of Chemical Ligation in Peptide Synthesis via Acyl Transfer. <i>Topics in Current Chemistry</i> , 2015 , 362, 229-65		4
32	Synthesis and antibacterial evaluation of amino acid-antibiotic conjugates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 1856-61	2.9	35
31	A Facile Synthesis of Thioacids from N-Acylbenzotriazoles. <i>Synlett</i> , 2014 , 25, 247-250	2.2	4
30	Arginine thioacid in synthesis of arginine conjugates and peptides. <i>RSC Advances</i> , 2014 , 4, 55210-55216	3.7	4
29	Microwave assisted synthesis and QSAR study of novel NSAID acetaminophen conjugates with amino acid linkers. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 7238-49	3.9	25
28	Traceless chemical ligation from S-, O-, and N-acyl isopeptides. <i>Accounts of Chemical Research</i> , 2014 , 47, 1076-87	24.3	24

27	Diastereoselective Synthesis of Methanopyridoxazocinones. <i>Synlett</i> , 2014 , 25, 2654-2660	2.2	5
26	Fluorescent-Labeled Amino Acid-Antibiotic Conjugates. <i>Synthesis</i> , 2014 , 46, 2430-2435	2.9	7
25	Synthesis and QSAR studies of some novel disubstituted 1,2,4-triazoles as antimicrobial agents. <i>Medicinal Chemistry Research</i> , 2014 , 23, 848-861	2.2	9
24	Microwave-Assisted Synthesis of Biotin Conjugates with Quinolone Antibiotics via Amino Acids. <i>Synthesis</i> , 2014 , 46, 1511-1517	2.9	1
23	Ligations from tyrosine isopeptides via 12- to 19-membered cyclic transition states. <i>Journal of Organic Chemistry</i> , 2013 , 78, 7455-61	4.2	12
22	Catalyst-free facile synthesis of 2-substituted benzothiazoles. <i>Green Chemistry</i> , 2013 , 15, 2709	10	36
21	New trifluoromethyl quinolone derivatives: synthesis and investigation of antimicrobial properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 3225-9	2.9	14
20	Synthesis and antimalarial bioassay of quinine - peptide conjugates. <i>Chemical Biology and Drug Design</i> , 2013 , 82, 361-6	2.9	33
19	Ligations of N-acyl tryptophan units to give native peptides via 7-, 10-, 11- and 12-membered cyclic transition states. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 1594-7	3.9	15
18	Syntheses of Hydrazino Peptides and Conjugates. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 4156-4162	3.2	17
17	Green, Catalyst-Free Synthesis of Mesalazine Conjugates. <i>Synthesis</i> , 2013 , 45, 3255-3258	2.9	3
16	Macrocyclic Peptoids by Selective S-Acylation of Cysteine Esters. <i>Synthesis</i> , 2013 , 45, 767-772	2.9	2
15	NSAID Conjugates with Carnosine and Amino Acids. <i>Synthesis</i> , 2013 , 45, 3369-3374	2.9	5
14	Peptidoyl Benzotriazolide-Mediated Acylation of Nitrile-Activated Methylene Groups. <i>Synthesis</i> , 2013 , 45, 1256-1260	2.9	1
13	Aqua mediated synthesis of bio-active compounds. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013 , 13, 784-803	4.2	2
12	Cysteinoyl- and cysteine-containing dipeptidoylbenzotriazoles with free sulfhydryl groups: easy access to N-terminal and internal cysteine peptides. <i>Chemical Biology and Drug Design</i> , 2012 , 80, 194-202	2.9	4
11	Quinine bis-conjugates with quinolone antibiotics and peptides: synthesis and antimalarial bioassay. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 8985-93	3.9	22
10	Synthesis and antimicrobial activity of some new 4-triazolylmethoxy-2H-chromen-2-one derivatives. <i>Medicinal Chemistry Research</i> , 2012 , 21, 3750-3756	2.2	14

9	Synthesis, molecular modeling and anti-inflammatory screening of new 1,2,3-benzotriazinone derivatives. <i>Medicinal Chemistry Research</i> , 2012 , 21, 4369-4380	2.2	13
8	Study of chemical ligation via 17-, 18- and 19-membered cyclic transition states. <i>Chemical Biology and Drug Design</i> , 2012 , 80, 821-7	2.9	16
7	On water synthesis of spiro-indoles via Schiff bases. <i>Monatshefte für Chemie</i> , 2012 , 143, 1187-1194	1.4	14
6	An Eco-Friendly Synthesis of Some Novel Symmetrical Bis Spiro-Indoles. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2012 , 187, 101-111	1	2
5	Benzotriazole Reagents for the Syntheses of Fmoc-, Boc-, and Alloc-Protected Amino Acids. <i>Synlett</i> , 2011 , 2011, 2013-2016	2.2	3
4	Design, synthesis, and biological activity of a novel series of 2,5-disubstituted furans/pyrroles as HIV-1 fusion inhibitors targeting gp41. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 6895-8	2.9	25
3	Synthesis of 2-Arylbenzimidazoles in Water. <i>Synthetic Communications</i> , 2011 , 41, 729-735	1.7	27
2	Chemical ligation of S-scylated cysteine peptides to form native peptides via 5-, 11-, and 14-membered cyclic transition states. <i>Journal of Organic Chemistry</i> , 2011 , 76, 85-96	4.2	27
1	Synthesis of Coumarin Conjugates of Biological Thiols for Fluorescent Detection and Estimation. <i>Synthesis</i> , 2011 , 2011, 1494-1500	2.9	15