Tarek S Ibrahim

List of Publications by Year in descending order

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201674 345221 2,262 120 27 36 citations h-index g-index papers 123 123 123 2167 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Quinine conjugates and quinine analogues as potential antimalarial agents. European Journal of Medicinal Chemistry, 2015, 97, 335-355.	5.5	76
2	Spirooxindoles as Potential Pharmacophores. Mini-Reviews in Medicinal Chemistry, 2017, 17, 1515-1536.	2.4	68
3	Novel antibacterial active quinolone–fluoroquinolone conjugates and 2D-QSAR studies. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3816-3821.	2.2	64
4	Synthesis, antibacterial properties and 2D-QSAR studies of quinolone-triazole conjugates. European Journal of Medicinal Chemistry, 2018, 143, 1524-1534.	5.5	47
5	Repurposing Anti-diabetic Drugs to Cripple Quorum Sensing in Pseudomonas aeruginosa. Microorganisms, 2020, 8, 1285.	3.6	47
6	Synthesis and molecular modeling of antimicrobial active fluoroquinolone–pyrazine conjugates with amino acid linkers. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2198-2205.	2.2	46
7	Catalyst-free facile synthesis of 2-substituted benzothiazoles. Green Chemistry, 2013, 15, 2709.	9.0	45
8	New quinoline-triazole conjugates: Synthesis, and antiviral properties against SARS-CoV-2. Bioorganic Chemistry, 2021, 114, 105117.	4.1	45
9	Synthesis and antibacterial evaluation of amino acid–antibiotic conjugates. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1856-1861.	2.2	44
10	Synthesis, antimalarial properties and 2D-QSAR studies of novel triazole-quinine conjugates. Bioorganic and Medicinal Chemistry, 2016, 24, 3527-3539.	3.0	42
11	Synthesis and Antimalarial Bioassay of Quinine – Peptide Conjugates. Chemical Biology and Drug Design, 2013, 82, 361-366.	3.2	40
12	Potential repurposed SARS-CoV-2 (COVID-19) infection drugs. RSC Advances, 2020, 10, 26895-26916.	3.6	40
13	Xylitol Inhibits Growth and Blocks Virulence in Serratia marcescens. Microorganisms, 2021, 9, 1083.	3.6	38
14	Macrocyclic peptidomimetics with antimicrobial activity: synthesis, bioassay, and molecular modeling studies. Organic and Biomolecular Chemistry, 2015, 13, 9492-9503.	2.8	35
15	Alteration of Salmonella enterica Virulence and Host Pathogenesis through Targeting sdiA by Using the CRISPR-Cas9 System. Microorganisms, 2021, 9, 2564.	3.6	35
16	Design, synthesis, and biological activity of a novel series of 2,5-disubstituted furans/pyrroles as HIV-1 fusion inhibitors targeting gp41. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 6895-6898.	2.2	34
17	Rational design, synthesis and molecular modeling studies of novel anti-oncological alkaloids against melanoma. Organic and Biomolecular Chemistry, 2015, 13, 6619-6633.	2.8	34
18	Synthesis of 2-Arylbenzimidazoles in Water. Synthetic Communications, 2011, 41, 729-735.	2.1	33

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19	Rational design, synthesis, and 2D-QSAR study of anti-oncological alkaloids against hepatoma and cervical carcinoma. RSC Advances, 2015, 5, 28554-28569.	3.6	32
20	Design, synthesis and biological evaluation of novel 5-((substituted quinolin-3-yl/1-naphthyl)) Tj ETQq0 0 0 rgBT /099, 103782.	Overlock 1 4.1	0 Tf 50 707 32
21	Not Only Antimicrobial: Metronidazole Mitigates the Virulence of Proteus mirabilis Isolated from Macerated Diabetic Foot Ulcer. Applied Sciences (Switzerland), 2021, 11, 6847.	2.5	32
22	Computational and Biological Evaluation of \hat{l}^2 -Adrenoreceptor Blockers as Promising Bacterial Anti-Virulence Agents. Pharmaceuticals, 2022, 15, 110.	3.8	32
23	Microwave assisted synthesis and QSAR study of novel NSAID acetaminophen conjugates with amino acid linkers. Organic and Biomolecular Chemistry, 2014, 12, 7238.	2.8	31
24	Synthesis, pharmacological profile and 2D-QSAR studies of curcumin-amino acid conjugates as potential drug candidates. European Journal of Medicinal Chemistry, 2020, 196, 112293.	5 . 5	31
25	Natural Products as Potential Anti-Alzheimer Agents. Current Medicinal Chemistry, 2020, 27, 5887-5917.	2.4	31
26	Plant-Based Natural Products and Extracts: Potential Source to Develop New Antiviral Drug Candidates. Molecules, 2021, 26, 6197.	3.8	31
27	Synthesis, in vitro and computational studies of 1,4-disubstituted 1,2,3-triazoles as potential α-glucosidase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1029-1038.	2.2	30
28	Synthesis, Antimicrobial, Anti-Virulence and Anticancer Evaluation of New 5(4H)-Oxazolone-Based Sulfonamides. Molecules, 2022, 27, 671.	3.8	30
29	Elevated Levels of IL-33, IL-17 and IL-25 Indicate the Progression from Chronicity to Hepatocellular Carcinoma in Hepatitis C Virus Patients. Pathogens, 2022, 11, 57.	2.8	30
30	Repurposing of Sitagliptin- Melittin Optimized Nanoformula against SARS-CoV-2; Antiviral Screening and Molecular Docking Studies. Pharmaceutics, 2021, 13, 307.	4.5	28
31	Repurposing of antidiabetics as Serratia marcescens virulence inhibitors. Brazilian Journal of Microbiology, 2021, 52, 627-638.	2.0	28
32	Chemical Ligation of S-Scylated Cysteine Peptides to Form Native Peptides via 5-, 11-, and 14-Membered Cyclic Transition States‡. Journal of Organic Chemistry, 2011, 76, 85-96.	3.2	27
33	Traceless Chemical Ligation from S-, O-, and N-Acyl Isopeptides. Accounts of Chemical Research, 2014, 47, 1076-1087.	15.6	26
34	Synthesis and QSAR study of novel anti-inflammatory active mesalazine–metronidazole conjugates. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2314-2320.	2.2	26
35	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. European Journal of Medicinal Chemistry, 2021, 219, 113457.	5.5	26
36	Regioselective synthesis and theoretical studies of an anti-neoplastic fluoro-substituted dispiro-oxindole. RSC Advances, 2015, 5, 14780-14787.	3.6	25

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37	Design and synthesis of ibuprofen-quinoline conjugates as potential anti-inflammatory and analgesic drug candidates. Bioorganic Chemistry, 2022, 119, 105557.	4.1	25
38	Quinine bis-conjugates with quinolone antibiotics and peptides: synthesis and antimalarial bioassay. Organic and Biomolecular Chemistry, 2012, 10, 8985.	2.8	24
39	Novel benzenesulfonamide and 1,2-benzisothiazol-3(2H)-one-1,1-dioxide derivatives as potential selective COX-2 inhibitors. European Journal of Medicinal Chemistry, 2019, 171, 372-382.	5.5	24
40	3-Alkenyl-2-oxindoles: Synthesis, antiproliferative and antiviral properties against SARS-CoV-2. Bioorganic Chemistry, 2021, 114, 105131.	4.1	23
41	Anti-Quorum Sensing Activities of Gliptins against Pseudomonas aeruginosa and Staphylococcus aureus. Biomedicines, 2022, 10, 1169.	3.2	23
42	Design, synthesis and anticancer activity of novel valproic acid conjugates with improved histone deacetylase (HDAC) inhibitory activity. Bioorganic Chemistry, 2020, 99, 103797.	4.1	21
43	Benzotriazole-Mediated Synthesis and Antibacterial Activity of Novel N-Acylcephalexins. Scientia Pharmaceutica, 2016, 84, 484-496.	2.0	20
44	Synthesis and molecular modeling studies of indole-based antitumor agents. RSC Advances, 2016, 6, 45434-45451.	3.6	20
45	Repurposing α-Adrenoreceptor Blockers as Promising Anti-Virulence Agents in Gram-Negative Bacteria. Antibiotics, 2022, 11, 178.	3.7	20
46	The Anticancer Activity for the Bumetanide-Based Analogs via Targeting the Tumor-Associated Membrane-Bound Human Carbonic Anhydrase-IX Enzyme. Pharmaceuticals, 2020, 13, 252.	3.8	19
47	Sodium Citrate Alleviates Virulence in Pseudomonas aeruginosa. Microorganisms, 2022, 10, 1046.	3.6	19
48	Synthesis and antimicrobial activity of some new 4-triazolylmethoxy-2H-chromen-2-one derivatives. Medicinal Chemistry Research, 2012, 21, 3750-3756.	2.4	18
49	Syntheses of Hydrazino Peptides and Conjugates. European Journal of Organic Chemistry, 2013, 2013, 4156-4162.	2.4	18
50	Synthesis of Coumarin Conjugates of Biological Thiols for Fluorescent Detection and Estimation. Synthesis, 2011, 2011, 1494-1500.	2.3	17
51	"On water―synthesis of spiro-indoles via Schiff bases. Monatshefte FÃ⅓r Chemie, 2012, 143, 1187-1194.	1.8	17
52	Ligations of N-acyl tryptophan units to give native peptides via 7-, 10-, 11- and 12-membered cyclic transition states. Organic and Biomolecular Chemistry, 2013, 11, 1594.	2.8	17
53	Microwave Assisted Synthesis of Spiro Heterocyclic Systems: A Review. Current Organic Chemistry, 2018, 22, 67-84.	1.6	17
54	Recent Trends in the Synthesis of Benzimidazoles From <i>o</i> àâ€Phenylenediamine <i>via</i> Nanoparticles and Green Strategies Using Transition Metal Catalysts. Journal of Heterocyclic Chemistry, 2019, 56, 2702-2729.	2.6	17

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55	New Pyrazine Conjugates: Synthesis, Computational Studies, and Antiviral Properties against SARSâ€CoVâ€2. ChemMedChem, 2021, 16, 3418-3427.	3.2	17
56	Study of Chemical Ligation ⟨i⟩Via⟨ i⟩ 17― 18―and 19â€Membered Cyclic Transition States. Chemical Biology and Drug Design, 2012, 80, 821-827.	3.2	16
57	New trifluoromethyl quinolone derivatives: Synthesis and investigation of antimicrobial properties. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 3225-3229.	2.2	16
58	Synthesis, molecular modeling and anti-inflammatory screening of new 1,2,3-benzotriazinone derivatives. Medicinal Chemistry Research, 2012, 21, 4369-4380.	2.4	15
59	Synthesis, computational studies, antimycobacterial and antibacterial properties of pyrazinoic acid–isoniazid hybrid conjugates. RSC Advances, 2019, 9, 20450-20462.	3.6	15
60	Synthesis of new ibuprofen hybrid conjugates as potential anti-inflammatory and analgesic agents. Future Medicinal Chemistry, 2020, 12, 1369-1386.	2.3	15
61	Novel 1,2,4-oxadiazole-chalcone/oxime hybrids as potential antibacterial DNA gyrase inhibitors: Design, synthesis, ADMET prediction and molecular docking study. Bioorganic Chemistry, 2021, 111, 104885.	4.1	15
62	Discovery of novel quinoline-based analogues of combretastatin A-4 as tubulin polymerisation inhibitors with apoptosis inducing activity and potent anticancer effect. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 802-818.	5.2	15
63	Synthesis of aspirin-curcumin mimic conjugates of potential antitumor and anti-SARS-CoV-2 properties. Bioorganic Chemistry, 2021, 117, 105466.	4.1	15
64	Synthesis, molecular modeling studies and bronchodilation properties of nicotinonitrile containing-compounds. European Journal of Medicinal Chemistry, 2017, 138, 920-931.	5.5	14
65	Design, synthesis, antimicrobial, and DNA gyrase inhibitory properties of fluoroquinolone–dichloroacetic acid hybrids. Chemical Biology and Drug Design, 2020, 95, 248-259.	3.2	14
66	Evaluation of the Antiviral Activity of Sitagliptin-Glatiramer Acetate Nano-Conjugates against SARS-CoV-2 Virus. Pharmaceuticals, 2021, 14, 178.	3.8	14
67	Novel Curcumin Inspired Antineoplastic 1-Sulfonyl-4-Piperidones: Design, Synthesis and Molecular Modeling Studies. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 1069-1078.	1.7	13
68	Ligations from Tyrosine Isopeptides via 12- to 19-Membered Cyclic Transition States. Journal of Organic Chemistry, 2013, 78, 7455-7461.	3.2	12
69	The Benzotriazole Story. Advances in Heterocyclic Chemistry, 2016, , 1-23.	1.7	12
70	Synthesis, human topoisomerase $\hat{\text{Il}}$ inhibitory properties and molecular modeling studies of anti-proliferative curcumin mimics. RSC Advances, 2019, 9, 33761-33774.	3.6	12
71	Potent Quinoline-Containing Combretastatin A-4 Analogues: Design, Synthesis, Antiproliferative, and Anti-Tubulin Activity. Pharmaceuticals, 2020, 13, 393.	3.8	12
72	Design, Synthesis, In Vitro Anticancer Evaluation and Molecular Modelling Studies of 3,4,5-Trimethoxyphenyl-Based Derivatives as Dual EGFR/HDAC Hybrid Inhibitors. Pharmaceuticals, 2021, 14, 1177.	3.8	12

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73	Synthesis and QSAR studies of some novel disubstituted 1,2,4-triazoles as antimicrobial agents. Medicinal Chemistry Research, 2014, 23, 848-861.	2.4	11
74	Design, synthesis, and pharmacological evaluation of novel and selective COX-2 inhibitors based on bumetanide scaffold. Bioorganic Chemistry, 2020, 100, 103878.	4.1	11
75	Design, Synthesis, and Molecular Docking Studies of Curcumin Hybrid Conjugates as Potential Therapeutics for Breast Cancer. Pharmaceuticals, 2022, 15, 451.	3.8	11
76	Synthesis & molecular modeling studies of bronchodilatory active indole–pyridine conjugates. Future Medicinal Chemistry, 2018, 10, 1787-1804.	2.3	10
77	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. Bioorganic Chemistry, 2020, 105, 104352.	4.1	10
78	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. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 1067-1078.	5. 2	10
79	Efficient synthesis of N-acylbenzotriazoles using tosyl chloride: en route to suberoylanilide hydroxamic acid (SAHA). Arkivoc, 2016, 2016, 161-170.	0.5	10
80	New Multi-Targeted Antiproliferative Agents: Design and Synthesis of IC261-Based Oxindoles as Potential Tubulin, CK1 and EGFR Inhibitors. Pharmaceuticals, 2021, 14, 1114.	3.8	10
81	Uracil as a Zn-Binding Bioisostere of the Allergic Benzenesulfonamide in the Design of Quinoline–Uracil Hybrids as Anticancer Carbonic Anhydrase Inhibitors. Pharmaceuticals, 2022, 15, 494.	3.8	10
82	NSAID Conjugates with Carnosine and Amino Acids. Synthesis, 2013, 45, 3369-3374.	2.3	9
83	Synthesis, molecular docking and anticancer studies of peptides and iso-peptides. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2980-2984.	2.2	9
84	Facile synthetic approach towards vasorelaxant active 4-hydroxyquinazoline-4-carboxamides. RSC Advances, 2019, 9, 28534-28540.	3.6	9
85	Synthesis and molecular modeling studies of cholinesterase inhibitor dispiro[indoline-3,2′-pyrrolidine-3′,3′′-pyrrolidines]. RSC Advances, 2020, 10, 21830-21838.	3.6	9
86	Fluorescent-Labeled Amino Acid–Antibiotic Conjugates. Synthesis, 2014, 46, 2430-2435.	2.3	8
87	In Vitro Antimycobacterial Activity and Physicochemical Characterization of Diaryl Ether Triclosan Analogues as Potential InhA Reductase Inhibitors. Molecules, 2020, 25, 3125.	3 . 8	8
88	N-Acylbenzotriazole: convenient approach for protecting group-free monoacylation of symmetric diamines. Monatshefte Für Chemie, 2020, 151, 589-598.	1.8	8
89	Development of Isatinâ€Based Schiff Bases Targeting VEGFRâ€2 Inhibition: Synthesis, Characterization, Antiproliferative Properties, and QSAR Studies. ChemMedChem, 2022, 17, .	3. 2	8
90	Diastereoselective Synthesis of Methanopyridoxazocinones. Synlett, 2014, 25, 2654-2660.	1.8	6

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91	Applications of Chemical Ligation in Peptide Synthesis via Acyl Transfer. Topics in Current Chemistry, 2014, 362, 229-265.	4.0	6
92	Arginine thioacid in synthesis of arginine conjugates and peptides. RSC Advances, 2014, 4, 55210-55216.	3.6	6
93	Synthesis of Nucleosides and Non-nucleosides Based 4,6-disubstituted-2-oxo-dihydropyridine-3-carbonitriles as Antiviral Agents. Medicinal Chemistry, 2018, 14, 791-808.	1.5	6
94	Fluoroquinolone-3-carboxamide Amino Acid Conjugates: Synthesis, Antibacterial Properties And Molecular Modeling Studies. Medicinal Chemistry, 2020, 17, 71-84.	1.5	6
95	Synthesis, Antibacterial Evaluation, and Computational Studies of a Diverse Set of Linezolid Conjugates. Pharmaceuticals, 2022, 15, 191.	3.8	6
96	Novel Sunifiram-carbamate hybrids as potential dual acetylcholinesterase inhibitor and NMDAR co-agonist: simulation-guided analogue design and pharmacological screening. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 1241-1256.	5.2	6
97	Peptidoyl Benzotriazolide-Mediated Acylation of Nitrile-Activated Methylene Groups. Synthesis, 2013, 45, 1256-1260.	2.3	5
98	Microwave-Assisted Synthesis of Biotin Conjugates with Quinolone Antibiotics via Amino Acids. Synthesis, 2014, 46, 1511-1517.	2.3	5
99	A Facile Synthesis of Thioacids from N-Acylbenzotriazoles. Synlett, 2014, 25, 247-250.	1.8	5
100	Green and catalyst-free synthesis of olsalazine analogs. Green Chemistry Letters and Reviews, 2016, 9, 91-95.	4.7	5
101	Synthesis and Antiviral Bioassay of New Diphenyl Etherâ€based Compounds. Chemical Biology and Drug Design, 2016, 88, 511-518.	3.2	5
102	An Efficient Greener Approach for N-acylation of Amines in Water Using Benzotriazole Chemistry. Molecules, 2020, 25, 2501.	3.8	5
103	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. Viruses, 2022, 14, 69.	3.3	5
104	Cysteinoyl―and Cysteineâ€containing Dipeptidoylbenzotriazoles with Free Sulfhydryl Groups: Easy Access to Nâ€ŧerminal and Internal Cysteine Peptides. Chemical Biology and Drug Design, 2012, 80, 194-202.	3.2	4
105	Green, Catalyst-Free Synthesis of Mesalazine Conjugates. Synthesis, 2013, 45, 3255-3258.	2.3	4
106	Protective effects of Aporosa octandra bark extract against D-galactose induced cognitive impairment and oxidative stress in mice. Heliyon, 2018, 4, e00951.	3.2	4
107	Aqua Mediated Synthesis of Bio-active Compounds. Mini-Reviews in Medicinal Chemistry, 2013, 13, 784-801.	2.4	4
108	Benzotriazole Reagents for the Syntheses of Fmoc-, Boc-, and Alloc-Protected Amino Acids. Synlett, 2011, 2013-2016.	1.8	3

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109	Macrocyclic Peptoids by Selective S-Acylation of Cysteine Esters. Synthesis, 2013, 45, 767-772.	2.3	3
110	Efficient Synthesis of Pyrazinoic Acid Hybrid Conjugates. SynOpen, 2017, 01, 0050-0058.	1.7	3
111	Synthesis and Anticancer Studies of Novel N-benzyl Pyridazino ne Derivatives. Letters in Drug Design and Discovery, 2017, 14, .	0.7	3
112	An Eco-Friendly Synthesis of Some Novel Symmetrical Bis Spiro-Indoles. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 101-111.	1.6	2
113	Antioxidant Property of the Egyptian Propolis Extract Versus Aluminum Silicate Intoxication on a Rat's Lung: Histopathological Studies. Molecules, 2020, 25, 5821.	3.8	2
114	Novel Benzyloxyphenyl Pyrimidine-5-Carbonitrile Derivatives as Potential Apoptotic Antiproliferative Agents. Anti-Cancer Agents in Medicinal Chemistry, 2022, 22, 978-990.	1.7	2
115	Synthesis, X-ray powder diffraction and DFT-D studies of indole-based compounds. Zeitschrift Fur Kristallographie - Crystalline Materials, 2018, 233, 421-427.	0.8	1
116	Efficient Synthesis and Computational Studies of Useful Guanylating Agents: 1 H â€Benzotriazoleâ€1â€carboximidamides. ChemistrySelect, 2020, 5, 13963-13968.	1.5	1
117	Design, synthesis and pharmacological screening of novel renoprotective methionine-based peptidomimetics: Amelioration of cisplatin-induced nephrotoxicity. Bioorganic Chemistry, 2021, 114, 105100.	4.1	1
118	Sitagliptin Combined HIV-TAT as Potential Therapeutic Targeting of SARS-CoV-2 Virus. International Journal of Pharmacology, 2022, 18, 70-78.	0.3	1
119	Novel Levothyroxine HIV-TAT Nanoconjugates Suppressing HeLa Cell Lines Growth in Management of Cervical Cancer. International Journal of Pharmacology, 2021, 17, 300-307.	0.3	0
120	Meet the Editor-in-Chief. Mini-Reviews in Organic Chemistry, 2022, 19, 797-797.	1.3	0