Tarek S Ibrahim

List of Publications by Year
in descending order

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120 papers	2,262 citations	230014 27 h-index	388640 36 g-index
123 all docs	123 docs citations	123 times ranked	2380 citing authors

#	Article	IF	Citations
1	Novel Benzyloxyphenyl Pyrimidine-5-Carbonitrile Derivatives as Potential Apoptotic Antiproliferative Agents. Anti-Cancer Agents in Medicinal Chemistry, 2022, 22, 978-990.	0.9	2
2	Design and synthesis of ibuprofen-quinoline conjugates as potential anti-inflammatory and analgesic drug candidates. Bioorganic Chemistry, 2022, 119, 105557.	2.0	25
3	Repurposing Î±-Adrenoreceptor Blockers as Promising Anti-Virulence Agents in Gram-Negative Bacteria. Antibiotics, 2022, 11, 178.	1.5	20
4	Sitagliptin Combined HIV-TAT as Potential Therapeutic Targeting of SARS-CoV-2 Virus. International Journal of Pharmacology, 2022, 18, 70-78.	0.1	1
5	Computational and Biological Evaluation of Î²-Adrenoreceptor Blockers as Promising Bacterial Anti-Virulence Agents. Pharmaceuticals, 2022, 15, 110.	1.7	32
6	Synthesis, Antimicrobial, Anti-Virulence and Anticancer Evaluation of New 5(4H)-Oxazolone-Based Sulfonamides. Molecules, 2022, 27, 671.	1.7	30
7	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.	1.2	30
8	Synthesis, Antibacterial Evaluation, and Computational Studies of a Diverse Set of Linezolid Conjugates. Pharmaceuticals, 2022, 15, 191.	1.7	6
9	Design, Synthesis, and Molecular Docking Studies of Curcumin Hybrid Conjugates as Potential Therapeutics for Breast Cancer. Pharmaceuticals, 2022, 15, 451.	1.7	11
10	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.	1.5	5
11	Uracil as a Zn-Binding Bioisostere of the Allergic Benzenesulfonamide in the Design of Quinolineâ€"Uracil Hybrids as Anticancer Carbonic Anhydrase Inhibitors. Pharmaceuticals, 2022, 15, 494.	1.7	10
12	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.	2.5	6
13	Development of Isatinâ€Based Schiff Bases Targeting VEGFRâ€2 Inhibition: Synthesis, Characterization, Antiproliferative Properties, and QSAR Studies. ChemMedChem, 2022, 17, .	1.6	8
14	Anti-Quorum Sensing Activities of Gliptins against Pseudomonas aeruginosa and Staphylococcus aureus. Biomedicines, 2022, 10, 1169.	1.4	23
15	Sodium Citrate Alleviates Virulence in Pseudomonas aeruginosa. Microorganisms, 2022, 10, 1046.	1.6	19
16	Meet the Editor-in-Chief. Mini-Reviews in Organic Chemistry, 2022, 19, 797-797.	0.6	0
17	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.	2.5	10
18	Evaluation of the Antiviral Activity of Sitagliptin-Glatiramer Acetate Nano-Conjugates against SARS-CoV-2 Virus. Pharmaceuticals, 2021, 14, 178.	1.7	14

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19	Repurposing of Sitagliptin- Melittin Optimized Nanoformula against SARS-CoV-2; Antiviral Screening and Molecular Docking Studies. Pharmaceutics, 2021, 13, 307.	2.0	28
20	Repurposing of antidiabetics as Serratia marcescens virulence inhibitors. Brazilian Journal of Microbiology, 2021, 52, 627-638.	0.8	28
21	Novel Levothyroxine HIV-TAT Nanoconjugates Suppressing HeLa Cell Lines Growth in Management of Cervical Cancer. International Journal of Pharmacology, 2021, 17, 300-307.	0.1	0
22	Xylitol Inhibits Growth and Blocks Virulence in Serratia marcescens. Microorganisms, 2021, 9, 1083.	1.6	38
23	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.	2.0	15
24	Not Only Antimicrobial: Metronidazole Mitigates the Virulence of Proteus mirabilis Isolated from Macerated Diabetic Foot Ulcer. Applied Sciences (Switzerland), 2021, 11, 6847.	1.3	32
25	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.	2.6	26
26	3-Alkenyl-2-oxindoles: Synthesis, antiproliferative and antiviral properties against SARS-CoV-2. Bioorganic Chemistry, 2021, 114, 105131.	2.0	23
27	New Pyrazine Conjugates: Synthesis, Computational Studies, and Antiviral Properties against SARSâ€CoVâ€2. ChemMedChem, 2021, 16, 3418-3427.	1.6	17
28	Design, synthesis and pharmacological screening of novel renoprotective methionine-based peptidomimetics: Amelioration of cisplatin-induced nephrotoxicity. Bioorganic Chemistry, 2021, 114, 105100.	2.0	1
29	New quinoline-triazole conjugates: Synthesis, and antiviral properties against SARS-CoV-2. Bioorganic Chemistry, 2021, 114, 105117.	2.0	45
30	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.	2.5	15
31	Plant-Based Natural Products and Extracts: Potential Source to Develop New Antiviral Drug Candidates. Molecules, 2021, 26, 6197.	1.7	31
32	New Multi-Targeted Antiproliferative Agents: Design and Synthesis of IC261-Based Oxindoles as Potential Tubulin, CK1 and EGFR Inhibitors. Pharmaceuticals, 2021, 14, 1114.	1.7	10
33	Synthesis of aspirin-curcumin mimic conjugates of potential antitumor and anti-SARS-CoV-2 properties. Bioorganic Chemistry, 2021, 117, 105466.	2.0	15
34	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.	1.7	12
35	Alteration of Salmonella enterica Virulence and Host Pathogenesis through Targeting sdiA by Using the CRISPR-Cas9 System. Microorganisms, 2021, 9, 2564.	1.6	35
36	Design, synthesis, antimicrobial, and DNA gyrase inhibitory properties of fluoroquinoloneâ€"dichloroacetic acid hybrids. Chemical Biology and Drug Design, 2020, 95, 248-259.	1.5	14

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37	The Anticancer Activity for the Bumetanide-Based Analogs via Targeting the Tumor-Associated Membrane-Bound Human Carbonic Anhydrase-IX Enzyme. Pharmaceuticals, 2020, 13, 252.	1.7	19
38	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.	2.0	10
39	In Vitro Antimycobacterial Activity and Physicochemical Characterization of Diaryl Ether Triclosan Analogues as Potential InhA Reductase Inhibitors. Molecules, 2020, 25, 3125.	1.7	8
40	Potent Quinoline-Containing Combretastatin A-4 Analogues: Design, Synthesis, Antiproliferative, and Anti-Tubulin Activity. Pharmaceuticals, 2020, 13, 393.	1.7	12
41	Efficient Synthesis and Computational Studies of Useful Guanylating Agents: 1 H â€Benzotriazoleâ€1â€carboximidamides. ChemistrySelect, 2020, 5, 13963-13968.	0.7	1
42	Potential repurposed SARS-CoV-2 (COVID-19) infection drugs. RSC Advances, 2020, 10, 26895-26916.	1.7	40
43	Synthesis of new ibuprofen hybrid conjugates as potential anti-inflammatory and analgesic agents. Future Medicinal Chemistry, 2020, 12, 1369-1386.	1.1	15
44	Repurposing Anti-diabetic Drugs to Cripple Quorum Sensing in Pseudomonas aeruginosa. Microorganisms, 2020, 8, 1285.	1.6	47
45	Antioxidant Property of the Egyptian Propolis Extract Versus Aluminum Silicate Intoxication on a Ratâ€™s Lung: Histopathological Studies. Molecules, 2020, 25, 5821.	1.7	2
46	N-Acylbenzotriazole: convenient approach for protecting group-free monoacylation of symmetric diamines. Monatshefte FÃ¼r Chemie, 2020, 151, 589-598.	0.9	8
47	Synthesis and molecular modeling studies of cholinesterase inhibitor dispiro[indoline-3,2â€²-pyrrolidine-3â€²,3â€²â€²-pyrrolidines]. RSC Advances, 2020, 10, 21830-21838.	1.7	9
48	An Efficient Greener Approach for N-acylation of Amines in Water Using Benzotriazole Chemistry. Molecules, 2020, 25, 2501.	1.7	5
49	Design, synthesis, and pharmacological evaluation of novel and selective COX-2 inhibitors based on bumetanide scaffold. Bioorganic Chemistry, 2020, 100, 103878.	2.0	11
50	Design, synthesis and anticancer activity of novel valproic acid conjugates with improved histone deacetylase (HDAC) inhibitory activity. Bioorganic Chemistry, 2020, 99, 103797.	2.0	21
51	Synthesis, pharmacological profile and 2D-QSAR studies of curcumin-amino acid conjugates as potential drug candidates. European Journal of Medicinal Chemistry, 2020, 196, 112293.	2.6	31
52	Design, synthesis and biological evaluation of novel 5-((substituted quinolin-3-yl/1-naphthyl)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 T 99, 103782.	2.0	32
53	Natural Products as Potential Anti-Alzheimer Agents. Current Medicinal Chemistry, 2020, 27, 5887-5917.	1.2	31
54	Fluoroquinolone-3-carboxamide Amino Acid Conjugates: Synthesis, Antibacterial Properties And Molecular Modeling Studies. Medicinal Chemistry, 2020, 17, 71-84.	0.7	6

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55	Synthesis, computational studies, antimycobacterial and antibacterial properties of pyrazinoic acidâ€"isoniazid hybrid conjugates. RSC Advances, 2019, 9, 20450-20462.	1.7	15
56	Recent Trends in the Synthesis of Benzimidazoles From oâ€Phenylenediamine via Nanoparticles and Green Strategies Using Transition Metal Catalysts. Journal of Heterocyclic Chemistry, 2019, 56, 2702-2729.	1.4	17
57	Facile synthetic approach towards vasorelaxant active 4-hydroxyquinazoline-4-carboxamides. RSC Advances, 2019, 9, 28534-28540.	1.7	9
58	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.	2.6	24
59	Synthesis, human topoisomerase IIÎ± inhibitory properties and molecular modeling studies of anti-proliferative curcumin mimics. RSC Advances, 2019, 9, 33761-33774.	1.7	12
60	Novel Curcumin Inspired Antineoplastic 1-Sulfonyl-4-Piperidones: Design, Synthesis and Molecular Modeling Studies. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 1069-1078.	0.9	13
61	Synthesis, antibacterial properties and 2D-QSAR studies of quinolone-triazole conjugates. European Journal of Medicinal Chemistry, 2018, 143, 1524-1534.	2.6	47
62	Synthesis, X-ray powder diffraction and DFT-D studies of indole-based compounds. Zeitschrift Fur Kristallographie - Crystalline Materials, 2018, 233, 421-427.	0.4	1
63	Protective effects of Aporosa octandra bark extract against D-galactose induced cognitive impairment and oxidative stress in mice. Heliyon, 2018, 4, e00951.	1.4	4
64	Microwave Assisted Synthesis of Spiro Heterocyclic Systems: A Review. Current Organic Chemistry, 2018, 22, 67-84.	0.9	17
65	Synthesis & molecular modeling studies of bronchodilatory active indoleâ€"pyridine conjugates. Future Medicinal Chemistry, 2018, 10, 1787-1804.	1.1	10
66	Synthesis of Nucleosides and Non-nucleosides Based 4,6-disubstituted-2-oxo-dihydropyridine-3-carbonitriles as Antiviral Agents. Medicinal Chemistry, 2018, 14, 791-808.	0.7	6
67	Synthesis, molecular modeling studies and bronchodilation properties of nicotinonitrile containing-compounds. European Journal of Medicinal Chemistry, 2017, 138, 920-931.	2.6	14
68	Efficient Synthesis of Pyrazinoic Acid Hybrid Conjugates. SynOpen, 2017, 01, 0050-0058.	0.8	3
69	Spirooxindoles as Potential Pharmacophores. Mini-Reviews in Medicinal Chemistry, 2017, 17, 1515-1536.	1.1	68
70	Synthesis and Anticancer Studies of Novel N-benzyl Pyridazino ne Derivatives. Letters in Drug Design and Discovery, 2017, 14, .	0.4	3
71	Benzotriazole-Mediated Synthesis and Antibacterial Activity of Novel N-Acylcephalexins. Scientia Pharmaceutica, 2016, 84, 484-496.	0.7	20
72	Synthesis, antimalarial properties and 2D-QSAR studies of novel triazole-quinine conjugates. Bioorganic and Medicinal Chemistry, 2016, 24, 3527-3539.	1.4	42

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73	Green and catalyst-free synthesis of olsalazine analogs. Green Chemistry Letters and Reviews, 2016, 9, 91-95.	2.1	5
74	Synthesis and molecular modeling studies of indole-based antitumor agents. RSC Advances, 2016, 6, 45434-45451.	1.7	20
75	Synthesis and Antiviral Bioassay of New Diphenyl Etherâ€based Compounds. Chemical Biology and Drug Design, 2016, 88, 511-518.	1.5	5
76	Synthesis, in vitro and computational studies of 1,4-disubstituted 1,2,3-triazoles as potential Î±-glucosidase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1029-1038.	1.0	30
77	The Benzotriazole Story. Advances in Heterocyclic Chemistry, 2016, , 1-23.	0.9	12
78	Synthesis and molecular modeling of antimicrobial active fluoroquinoloneâ€"pyrazine conjugates with amino acid linkers. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2198-2205.	1.0	46
79	Efficient synthesis of N-acylbenzotriazoles using tosyl chloride: en route to suberoylanilide hydroxamic acid (SAHA). Arkivoc, 2016, 2016, 161-170.	0.3	10
80	Synthesis, molecular docking and anticancer studies of peptides and iso-peptides. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2980-2984.	1.0	9
81	Quinine conjugates and quinine analogues as potential antimalarial agents. European Journal of Medicinal Chemistry, 2015, 97, 335-355.	2.6	76
82	Rational design, synthesis, and 2D-QSAR study of anti-oncological alkaloids against hepatoma and cervical carcinoma. RSC Advances, 2015, 5, 28554-28569.	1.7	32
83	Regioselective synthesis and theoretical studies of an anti-neoplastic fluoro-substituted dispiro-oxindole. RSC Advances, 2015, 5, 14780-14787.	1.7	25
84	Macrocyclic peptidomimetics with antimicrobial activity: synthesis, bioassay, and molecular modeling studies. Organic and Biomolecular Chemistry, 2015, 13, 9492-9503.	1.5	35
85	Synthesis and QSAR study of novel anti-inflammatory active mesalazineâ€"metronidazole conjugates. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2314-2320.	1.0	26
86	Rational design, synthesis and molecular modeling studies of novel anti-oncological alkaloids against melanoma. Organic and Biomolecular Chemistry, 2015, 13, 6619-6633.	1.5	34
87	Novel antibacterial active quinoloneâ€"fluoroquinolone conjugates and 2D-QSAR studies. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3816-3821.	1.0	64
88	Diastereoselective Synthesis of Methanopyridoxazocinones. Synlett, 2014, 25, 2654-2660.	1.0	6
89	Applications of Chemical Ligation in Peptide Synthesis via Acyl Transfer. Topics in Current Chemistry, 2014, 362, 229-265.	4.0	6
90	Fluorescent-Labeled Amino Acidâ€"Antibiotic Conjugates. Synthesis, 2014, 46, 2430-2435.	1.2	8

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91	Synthesis and QSAR studies of some novel disubstituted 1,2,4-triazoles as antimicrobial agents. Medicinal Chemistry Research, 2014, 23, 848-861.	1.1	11
92	Microwave-Assisted Synthesis of Biotin Conjugates with Quinolone Antibiotics via Amino Acids. Synthesis, 2014, 46, 1511-1517.	1.2	5
93	Synthesis and antibacterial evaluation of amino acidâ€"antibiotic conjugates. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1856-1861.	1.0	44
94	A Facile Synthesis of Thioacids from N-Acylbenzotriazoles. Synlett, 2014, 25, 247-250.	1.0	5
95	Arginine thioacid in synthesis of arginine conjugates and peptides. RSC Advances, 2014, 4, 55210-55216.	1.7	6
96	Microwave assisted synthesis and QSAR study of novel NSAID acetaminophen conjugates with amino acid linkers. Organic and Biomolecular Chemistry, 2014, 12, 7238.	1.5	31
97	Traceless Chemical Ligation from S-, O-, and N-Acyl Isopeptides. Accounts of Chemical Research, 2014, 47, 1076-1087.	7.6	26
98	Ligations from Tyrosine Isopeptides via 12- to 19-Membered Cyclic Transition States. Journal of Organic Chemistry, 2013, 78, 7455-7461.	1.7	12
99	Catalyst-free facile synthesis of 2-substituted benzothiazoles. Green Chemistry, 2013, 15, 2709.	4.6	45
100	New trifluoromethyl quinolone derivatives: Synthesis and investigation of antimicrobial properties. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 3225-3229.	1.0	16
101	Synthesis and Antimalarial Bioassay of Quinine â€" Peptide Conjugates. Chemical Biology and Drug Design, 2013, 82, 361-366.	1.5	40
102	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.	1.5	17
103	Syntheses of Hydrazino Peptides and Conjugates. European Journal of Organic Chemistry, 2013, 2013, 4156-4162.	1.2	18
104	Green, Catalyst-Free Synthesis of Mesalazine Conjugates. Synthesis, 2013, 45, 3255-3258.	1.2	4
105	Macrocyclic Peptoids by Selective S-Acylation of Cysteine Esters. Synthesis, 2013, 45, 767-772.	1.2	3
106	NSAID Conjugates with Carnosine and Amino Acids. Synthesis, 2013, 45, 3369-3374.	1.2	9
107	Peptidoyl Benzotriazolide-Mediated Acylation of Nitrile-Activated Methylene Groups. Synthesis, 2013, 45, 1256-1260.	1.2	5
108	Aqua Mediated Synthesis of Bio-active Compounds. Mini-Reviews in Medicinal Chemistry, 2013, 13, 784-801.	1.1	4

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109	An Eco-Friendly Synthesis of Some Novel Symmetrical Bis Spiro-Indoles. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 101-111.	0.8	2
110	Quinine bis-conjugates with quinolone antibiotics and peptides: synthesis and antimalarial bioassay. Organic and Biomolecular Chemistry, 2012, 10, 8985.	1.5	24
111	Synthesis and antimicrobial activity of some new 4-triazolylmethoxy-2H-chromen-2-one derivatives. Medicinal Chemistry Research, 2012, 21, 3750-3756.	1.1	18
112	Synthesis, molecular modeling and anti-inflammatory screening of new 1,2,3-benzotriazinone derivatives. Medicinal Chemistry Research, 2012, 21, 4369-4380.	1.1	15
113	Study of Chemical Ligation Via 17â€, 18â€•and 19â€Membered Cyclic Transition States. Chemical Biology and Drug Design, 2012, 80, 821-827.	1.5	16
114	â€œOn waterâ€•synthesis of spiro-indoles via Schiff bases. Monatshefte FÃ¼r Chemie, 2012, 143, 1187-1194.	0.9	17
115	Cysteinoylâ€•and Cysteineâ€containing Dipeptidoylbenzotriazoles with Free Sulfhydryl Groups: Easy Access to Nâ€terminal and Internal Cysteine Peptides. Chemical Biology and Drug Design, 2012, 80, 194-202.	1.5	4
116	Chemical Ligation of S-Scylated Cysteine Peptides to Form Native Peptides via 5-, 11-, and 14-Membered Cyclic Transition Statesâ€¡. Journal of Organic Chemistry, 2011, 76, 85-96.	1.7	27
117	Benzotriazole Reagents for the Syntheses of Fmoc-, Boc-, and Alloc-Protected Amino Acids. Synlett, 2011, 2011, 2013-2016.	1.0	3
118	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.	1.0	34
119	Synthesis of 2-Arylbenzimidazoles in Water. Synthetic Communications, 2011, 41, 729-735.	1.1	33
120	Synthesis of Coumarin Conjugates of Biological Thiols for Fluorescent Detection and Estimation. Synthesis, 2011, 2011, 1494-1500.	1.2	17