

Ashraf H Abadi

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.

86
papers

1,442
citations

20
h-index

35
g-index

102
ext. papers

1,666
ext. citations

4.6
avg, IF

4.28
L-index

#	Paper	IF	Citations
86	Novel 2,4-disubstituted quinazoline analogs as antibacterial agents with improved cytotoxicity profile: Modification of the benzenoid part.. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022 , 59, 128531-9		
85	Discovery of novel 6-hydroxybenzothiazole urea derivatives as dual Dyrk1A/βsynuclein aggregation inhibitors with neuroprotective effects. <i>European Journal of Medicinal Chemistry</i> , 2022 , 227, 113911	6.8	2
84	Development of novel conformationally restricted selective Clk1/4 inhibitors through creating an intramolecular hydrogen bond involving an imide linker. <i>European Journal of Medicinal Chemistry</i> , 2022 , 114411	6.8	0
83	Design and Synthesis of Novel Bis-Imidazolyl Phenyl Butadiyne Derivatives as HCV NS5A Inhibitors. <i>Pharmaceuticals</i> , 2022 , 15, 632	5.2	0
82	An optimized derivative of an endogenous CXCR4 antagonist prevents atopic dermatitis and airway inflammation. <i>Acta Pharmaceutica Sinica B</i> , 2021 , 11, 2694-2708	15.5	6
81	Discovery of Hydroxybenzothiazole Urea Compounds as Multitargeted Agents Suppressing Major Cytotoxic Mechanisms in Neurodegenerative Diseases. <i>ACS Chemical Neuroscience</i> , 2021 , 12, 4302-4318	5.7	1
80	Redesigning of the cap conformation and symmetry of the diphenylethyne core to yield highly potent pan-genotypic NS5A inhibitors with high potency and high resistance barrier.. <i>European Journal of Medicinal Chemistry</i> , 2021 , 229, 114034	6.8	1
79	Novel 2,4-disubstituted quinazoline analogs as antibacterial agents with improved cytotoxicity profile: Optimization of the 2,4-substituents. <i>Bioorganic Chemistry</i> , 2021 , 117, 105422	5.1	3
78	Design and Synthesis of Novel Symmetric Fluorene-2,7-Diamine Derivatives as Potent Hepatitis C Virus Inhibitors. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	1
77	From Celecoxib to a Novel Class of Phosphodiesterase 5 Inhibitors: Trisubstituted Pyrazolines as Novel Phosphodiesterase 5 Inhibitors with Extremely High Potency and Phosphodiesterase Isozyme Selectivity. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 4462-4477	8.3	1
76	5-Methoxybenzothiophene-2-Carboxamides as Inhibitors of Clk1/4: Optimization of Selectivity and Cellular Potency. <i>Molecules</i> , 2021 , 26,	4.8	1
75	Development of fluorinated and methoxylated benzothiazole derivatives as highly potent and selective cannabinoid CB receptor ligands. <i>Bioorganic Chemistry</i> , 2021 , 114, 105191	5.1	1
74	Novel thiazolidine derivatives as potent selective pro-apoptotic agents. <i>Bioorganic Chemistry</i> , 2021 , 114, 105143	5.1	0
73	Discovery of trisubstituted pyrazolines as a novel scaffold for the development of selective phosphodiesterase 5 inhibitors. <i>Bioorganic Chemistry</i> , 2020 , 104, 104322	5.1	3
72	Extending the use of tadalafil scaffold: Development of novel selective phosphodiesterase 5 inhibitors and histone deacetylase inhibitors. <i>Bioorganic Chemistry</i> , 2020 , 98, 103742	5.1	9
71	Synthesis of novel 1,2-diarylpyrazolidin-3-one-based compounds and their evaluation as broad spectrum antibacterial agents. <i>Bioorganic Chemistry</i> , 2020 , 99, 103759	5.1	1
70	Symmetric benzidine derivatives as anti-HCV agents: Insight into the nature, stereochemistry of the capping amino acid and the size of the terminal capping carbamates. <i>Bioorganic Chemistry</i> , 2020 , 102, 104089	5.1	2

69	Symmetric Anti-HCV Agents: Synthesis, Antiviral Properties, and Conformational Aspects of Core Scaffolds. <i>ACS Omega</i> , 2019 , 4, 11440-11454	3.9	6
68	Structure-activity relationships of thiazole and benzothiazole derivatives as selective cannabinoid CB2 agonists with in vivo anti-inflammatory properties. <i>European Journal of Medicinal Chemistry</i> , 2019 , 180, 154-170	6.8	24
67	Benzofuran and pyrrole derivatives as cannabinoid receptor modulators with efficacy against ulcerative colitis. <i>Future Medicinal Chemistry</i> , 2019 , 11, 3139-3159	4.1	2
66	Design and synthesis of novel annulated thienopyrimidines as phosphodiesterase 5 (PDE5) inhibitors. <i>Archiv Der Pharmazie</i> , 2018 , 351, e1800018	4.3	7
65	Development of novel 2,4-bispyridyl thiophene-based compounds as highly potent and selective Dyrk1A inhibitors. Part I: Benzamide and benzylamide derivatives. <i>European Journal of Medicinal Chemistry</i> , 2018 , 157, 1031-1050	6.8	12
64	Design and synthesis of novel 1,3,5-triphenyl pyrazolines as potential anti-inflammatory agents through allosteric inhibition of protein kinase Czeta (PKC ζ). <i>MedChemComm</i> , 2018 , 9, 1076-1082	5	2
63	Development of novel amide-derivatized 2,4-bispyridyl thiophenes as highly potent and selective Dyrk1A inhibitors. Part II: Identification of the cyclopropylamide moiety as a key modification. <i>European Journal of Medicinal Chemistry</i> , 2018 , 158, 270-285	6.8	9
62	Expanding the chemical space of anti-HCV NS5A inhibitors by stereochemical exchange and peptidomimetic approaches. <i>Archiv Der Pharmazie</i> , 2018 , 351, e1800017	4.3	4
61	Development of Selective Clk1 and -4 Inhibitors for Cellular Depletion of Cancer-Relevant Proteins. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 5377-5391	8.3	28
60	First Bispecific Inhibitors of the Epidermal Growth Factor Receptor Kinase and the NF- κ B Activity As Novel Anticancer Agents. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 2853-2868	8.3	17
59	Pharmacological inhibition of protein kinase C (PKC) δ downregulates the expression of cytokines involved in the pathogenesis of chronic obstructive pulmonary disease (COPD). <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 93, 405-9	5.1	9
58	Synthesis and Optimization of New 3,6-Disubstituted indole Derivatives and Their Evaluation as Anticancer Agents Targeting the MDM2/MDMx Complex. <i>Chemical and Pharmaceutical Bulletin</i> , 2016 , 64, 34-41	1.9	1
57	Design and synthesis of novel tamoxifen analogues that avoid CYP2D6 metabolism. <i>European Journal of Medicinal Chemistry</i> , 2016 , 112, 171-179	6.8	13
56	Design and synthesis of novel flexible ester-containing analogs of tamoxifen and their evaluation as anticancer agents. <i>Future Medicinal Chemistry</i> , 2016 , 8, 249-56	4.1	7
55	Mining ZINC Database to Discover Potential Phosphodiesterase 9 Inhibitors Using Structure-Based Drug Design Approach. <i>Medicinal Chemistry</i> , 2016 , 12, 472-7	1.8	4
54	Discovery of novel Tetrahydrobenzo[b]thiophene and pyrrole based scaffolds as potent and selective CB2 receptor ligands: The structural elements controlling binding affinity, selectivity and functionality. <i>European Journal of Medicinal Chemistry</i> , 2016 , 122, 619-634	6.8	23
53	D1-like receptors distinguishing thieno-azecine regioisomers. <i>MedChemComm</i> , 2015 , 6, 1679-1686	5	3
52	Design and Synthesis of Novel Phenylpiperazine Derivatives as Potential Anticonvulsant Agents. <i>Archiv Der Pharmazie</i> , 2015 , 348, 868-74	4.3	10

51	Structure-Based Design of Novel Tetrahydro-Beta-Carboline Derivatives with a Hydrophilic Side Chain as Potential Phosphodiesterase Inhibitors. <i>Scientia Pharmaceutica</i> , 2015 , 84, 428-446	4.3	4
50	Discovery of a novel series of tetrahydro- β -carbolines inducing autophagic cell death in human metastatic melanoma. <i>Archiv Der Pharmazie</i> , 2014 , 347, 398-406	4.3	2
49	Naphthalene and 2,3-dihydrobenzo[b][1,4]dioxine derivatives with extended side chains as new scaffolds of CB2-selective ligands. <i>MedChemComm</i> , 2014 , 5, 1571-1576	5	3
48	Discovery and optimization of 1,3,5-trisubstituted pyrazolines as potent and highly selective allosteric inhibitors of protein kinase C- β . <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 6513-30	8.3	29
47	Design and synthesis of novel quinazoline derivatives and their evaluation as PI3Ks inhibitors. <i>Chemical and Pharmaceutical Bulletin</i> , 2014 , 62, 1166-72	1.9	1
46	Chemical Composition and Biological Activity of Essential Oils of Cumin and Coriander Fruits from Egypt. <i>Natural Products Journal</i> , 2014 , 4, 63-69	0.6	3
45	Discovery of highly potent and selective D4 ligands by interactive SAR study. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 5077-81	2.9	6
44	6-Aryl and heterocycle quinazoline derivatives as potent EGFR inhibitors with improved activity toward gefitinib-sensitive and -resistant tumor cell lines. <i>ChemMedChem</i> , 2013 , 8, 1495-504	3.7	15
43	Quinazoline and tetrahydropyridothieno[2,3-d]pyrimidine derivatives as irreversible EGFR tyrosine kinase inhibitors: influence of the position 4 substituent. <i>MedChemComm</i> , 2013 , 4, 1202	5	12
42	Trisubstituted and tetrasubstituted pyrazolines as a novel class of cell-growth inhibitors in tumor cells with wild type p53. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 7343-56	3.4	3
41	Design of novel β -carboline derivatives with pendant 5-bromothieryl and their evaluation as phosphodiesterase-5 inhibitors. <i>Archiv Der Pharmazie</i> , 2013 , 346, 23-33	4.3	12
40	Synthesis and in vitro antiproliferative effect of novel quinoline-based potential anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2013 , 63, 826-32	6.8	49
39	Synthesis and binding study of certain 6-arylalkanamides as molecular probes for cannabinoid receptor subtypes. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013 , 28, 436-9	5.6	1
38	New NSAID targets and derivatives for colorectal cancer chemoprevention. <i>Recent Results in Cancer Research</i> , 2013 , 191, 105-20	1.5	21
37	Sulindac selectively inhibits colon tumor cell growth by activating the cGMP/PKG pathway to suppress Wnt/ β -catenin signaling. <i>Molecular Cancer Therapeutics</i> , 2013 , 12, 1848-59	6.1	83
36	An interactive SAR approach to discover novel hybrid thieno probes as ligands for D2-like receptors with affinities in the subnanomolar range. <i>Chemistry and Biodiversity</i> , 2013 , 10, 2247-66	2.5	4
35	Modulating the cyclic guanosine monophosphate substrate selectivity of the phosphodiesterase 3 inhibitors by pyridine, pyrido[2,3-d]pyrimidine derivatives and their effects upon the growth of HT-29 cancer cell line. <i>Chemical and Pharmaceutical Bulletin</i> , 2013 , 61, 405-10	1.9	7
34	Synthesis and biological evaluation of imidazolylmethylacridones as cytochrome P-450 enzymes inhibitors. <i>MedChemComm</i> , 2012 , 3, 663	5	24

33	Exploring the PDE5 H-pocket by ensemble docking and structure-based design and synthesis of novel β -carboline derivatives. <i>European Journal of Medicinal Chemistry</i> , 2012 , 57, 329-43	6.8	14
32	A novel sulindac derivative that potently suppresses colon tumor cell growth by inhibiting cGMP phosphodiesterase and β -catenin transcriptional activity. <i>Cancer Prevention Research</i> , 2012 , 5, 822-33	3.2	56
31	CoMFA and CoMSIA studies of 1,2-dihydropyridine derivatives as anticancer agents. <i>Medicinal Chemistry</i> , 2012 , 8, 372-83	1.8	5
30	Four-component synthesis of 1,2-dihydropyridine derivatives and their evaluation as anticancer agents. <i>Medicinal Chemistry</i> , 2012 , 8, 392-400	1.8	15
29	Synthesis and molecular modeling of novel tetrahydro- β -carboline derivatives with phosphodiesterase 5 inhibitory and anticancer properties. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 495-509	8.3	39
28	Design, synthesis and structure-activity relationship of functionalized tetrahydro- β -carboline derivatives as novel PDE5 inhibitors. <i>Archiv Der Pharmazie</i> , 2011 , 344, 149-57	4.3	19
27	Synthesis, Molecular Modeling, and Biological Evaluation of Novel Tetrahydro- β -Carboline Hydantoin and Tetrahydro- β -Carboline Thiohydantoin Derivatives as Phosphodiesterase 5 Inhibitors. <i>International Journal of Medicinal Chemistry</i> , 2011 , 2011, 562421	1.7	2
26	One-pot synthesis of 4,6-diaryl-2-oxo(imino)-1,2-dihydropyridine-3-carbonitrile; a New Scaffold for p38alpha MAP kinase inhibition. <i>ACS Combinatorial Science</i> , 2010 , 12, 559-65		18
25	A novel access to arylated and heteroarylated beta-carboline based PDE5 inhibitors. <i>Medicinal Chemistry</i> , 2010 , 6, 374-87	1.8	5
24	Synthesis, binding studies and molecular modeling of novel cannabinoid receptor ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 8463-77	3.4	11
23	Discovery of colon tumor cell growth inhibitory agents through a combinatorial approach. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 90-7	6.8	50
22	Synthesis, molecular modeling and biological evaluation of novel tadalafil analogues as phosphodiesterase 5 and colon tumor cell growth inhibitors, new stereochemical perspective. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 1278-86	6.8	32
21	Synthesis of novel tadalafil analogues and their evaluation as phosphodiesterase inhibitors and anticancer agents. <i>Arzneimittelforschung</i> , 2009 , 59, 415-21		7
20	Design, synthesis and biological evaluation of novel pyridine derivatives as anticancer agents and phosphodiesterase 3 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 5974-82	3.4	66
19	Sulindac sulfide selectively inhibits growth and induces apoptosis of human breast tumor cells by phosphodiesterase 5 inhibition, elevation of cyclic GMP, and activation of protein kinase G. <i>Molecular Cancer Therapeutics</i> , 2009 , 8, 3331-40	6.1	82
18	Synthesis of novel lactam derivatives and their evaluation as ligands for the dopamine receptors, leading to a D(4)-selective ligand. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 5811-8	3.4	20
17	Synthesis of 3-substituted-2-oxoindole analogues and their evaluation as kinase inhibitors, anticancer and antiangiogenic agents. <i>European Journal of Medicinal Chemistry</i> , 2006 , 41, 296-305	6.8	85
16	Synthesis of novel 4-substituted-7-trifluoromethylquinoline derivatives with nitric oxide releasing properties and their evaluation as analgesic and anti-inflammatory agents. <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 5759-65	3.4	68

15	Synthesis and antitubercular activity of 6-chloro (unsubstituted)- 2-methoxy-9-substituted acridine derivatives. <i>Archives of Pharmacal Research</i> , 2004 , 27, 713-9	6.1	12
14	Phenylpiperazinylmethylheterocycle derivatives: synthesis and dopamine receptor binding profiles. <i>Archiv Der Pharmazie</i> , 2004 , 337, 383-90	4.3	5
13	Synthesis and evaluation of novel 7-trifluoromethyl-4-(4-substituted anilino)quinolines as antiparasitic and antineoplastic agents. <i>Arzneimittelforschung</i> , 2003 , 53, 655-63		6
12	Synthesis of novel 1,3,4-trisubstituted pyrazole derivatives and their evaluation as antitumor and antiangiogenic agents. <i>Chemical and Pharmaceutical Bulletin</i> , 2003 , 51, 838-44	1.9	168
11	Synthesis of Novel 1,3,4-Trisubstituted Pyrazole Derivatives and Their Evaluation as Antitumor and Antiangiogenic Agents.. <i>ChemInform</i> , 2003 , 34, no		1
10	Dopamine/serotonin receptor ligands, part III [1]: synthesis and biological activities of 7, 7Salkylene-bis-6, 7, 8, 9, 14, 15-hexahydro-5H-benz[d]indolo[2, 3-g]azecines -- application of the bivalent ligand approach to a novel type of dopamine receptor antagonist. <i>Archiv Der Pharmazie</i> , 2002 , 335, 347-73	4.3	15
9	Synthesis and cyclooxygenase inhibitory properties of novel (+) 2-(6-methoxy-2-naphthyl)propanoic acid (naproxene) derivatives. <i>Archiv Der Pharmazie</i> , 2001 , 334, 104-6	4.3	1
8	The voltammetric study and determination of ramipril in dosage forms and biological fluids. <i>Il Farmaco</i> , 2000 , 55, 233-8		20
7	Synthesis, antitumor and antitubercular evaluation of certain new xanthenone and acridinone analogs. <i>Arzneimittelforschung</i> , 1999 , 49, 259-66		1
6	Synthesis of 4-alkyl (aryl)-6-aryl-3-cyano-2(1H)-pyridinones and their 2-imino isosteres as nonsteroidal cardiotonic agents. <i>Il Farmaco</i> , 1999 , 54, 195-201		44
5	2,4-Disubstituted thiazoles, Part III. Synthesis and antitumor activity of ethyl 2-substituted-aminothiazole-4-carboxylate analogs. <i>Archiv Der Pharmazie</i> , 1999 , 332, 137-42	4.3	42
4	5-substituted 2-bromoindolo[3,2-b]quinoxalines. A class of potential antitumor agents with cdc25 phosphatase inhibitory properties. <i>Archiv Der Pharmazie</i> , 1998 , 331, 352-8	4.3	16
3	Simultaneous determination of verapamil and celiprolol in human plasma. <i>Journal of Chromatographic Science</i> , 1994 , 32, 153-6	1.4	10
2	Liquid chromatographic determination of celiprolol, diltiazem, desmethyl diltiazem and deacetyldiltiazem in plasma using a short alkyl chain silanol deactivated column. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1994 , 12, 135-40	3.5	5
1	High-performance liquid chromatographic determination of diltiazem and two of its metabolites in plasma using a short alkyl chain silanol deactivated column. <i>Biomedical Applications</i> , 1993 , 615, 111-6		10