Ashraf H Abadi

List of Publications by Citations

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	Synthesis of novel 1,3,4-trisubstituted pyrazole derivatives and their evaluation as antitumor and antiangiogenic agents. *Chemical and Pharmaceutical Bulletin*, **2003**, 51, 838-44	1.9	168
85	Synthesis of 3-substituted-2-oxoindole analogues and their evaluation as kinase inhibitors, anticancer and antiangiogenic agents. *European Journal of Medicinal Chemistry*, **2006**, 41, 296-305	6.8	85
84	Sulindac selectively inhibits colon tumor cell growth by activating the cGMP/PKG pathway to suppress Wnt/β-catenin signaling. *Molecular Cancer Therapeutics*, **2013**, 12, 1848-59	6.1	83
83	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. *Molecular Cancer Therapeutics*, **2009**, 8, 3331-40	6.1	82
82	Synthesis of novel 4-substituted-7-trifluoromethylquinoline derivatives with nitric oxide releasing properties and their evaluation as analgesic and anti-inflammatory agents. *Bioorganic and Medicinal Chemistry*, **2005**, 13, 5759-65	3.4	68
81	Design, synthesis and biological evaluation of novel pyridine derivatives as anticancer agents and phosphodiesterase 3 inhibitors. *Bioorganic and Medicinal Chemistry*, **2009**, 17, 5974-82	3.4	66
80	A novel sulindac derivative that potently suppresses colon tumor cell growth by inhibiting cGMP phosphodiesterase and β-catenin transcriptional activity. *Cancer Prevention Research*, **2012**, 5, 822-33	3.2	56
79	Discovery of colon tumor cell growth inhibitory agents through a combinatorial approach. *European Journal of Medicinal Chemistry*, **2010**, 45, 90-7	6.8	50
78	Synthesis and in vitro antiproliferative effect of novel quinoline-based potential anticancer agents. *European Journal of Medicinal Chemistry*, **2013**, 63, 826-32	6.8	49
77	Synthesis of 4-alkyl (aryl)-6-aryl-3-cyano-2(1H)-pyridinones and their 2-imino isosteres as nonsteroidal cardiotonic agents. *Il Farmaco*, **1999**, 54, 195-201		44
76	2,4-Disubstituted thiazoles, Part III. Synthesis and antitumor activity of ethyl 2-substituted-aminothiazole-4-carboxylate analogs. *Archiv Der Pharmazie*, **1999**, 332, 137-42	4.3	42
75	Synthesis and molecular modeling of novel tetrahydro-β-carboline derivatives with phosphodiesterase 5 inhibitory and anticancer properties. *Journal of Medicinal Chemistry*, **2011**, 54, 495-509	8.3	39
74	Synthesis, molecular modeling and biological evaluation of novel tadalafil analogues as phosphodiesterase 5 and colon tumor cell growth inhibitors, new stereochemical perspective. *European Journal of Medicinal Chemistry*, **2010**, 45, 1278-86	6.8	32
73	Discovery and optimization of 1,3,5-trisubstituted pyrazolines as potent and highly selective allosteric inhibitors of protein kinase C-β. *Journal of Medicinal Chemistry*, **2014**, 57, 6513-30	8.3	29
72	Development of Selective Clk1 and -4 Inhibitors for Cellular Depletion of Cancer-Relevant Proteins. *Journal of Medicinal Chemistry*, **2017**, 60, 5377-5391	8.3	28
71	Structure-activity relationships of thiazole and benzothiazole derivatives as selective cannabinoid CB2 agonists with in vivo anti-inflammatory properties. *European Journal of Medicinal Chemistry*, **2019**, 180, 154-170	6.8	24
70	Synthesis and biological evaluation of imidazolylmethylacridones as cytochrome P-450 enzymes inhibitors. *MedChemComm*, **2012**, 3, 663	5	24

69	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. *European Journal of Medicinal Chemistry*, **2016**, 122, 619-634	6.8	23
68	New NSAID targets and derivatives for colorectal cancer chemoprevention. *Recent Results in Cancer Research*, **2013**, 191, 105-20	1.5	21
67	Synthesis of novel lactam derivatives and their evaluation as ligands for the dopamine receptors, leading to a D(4)-selective ligand. *Bioorganic and Medicinal Chemistry*, **2007**, 15, 5811-8	3.4	20
66	The voltammetric study and determination of ramipril in dosage forms and biological fluids. *Il Farmaco*, **2000**, 55, 233-8		20
65	Design, synthesis and structure-activity relationship of functionalized tetrahydro-β-carboline derivatives as novel PDE5 inhibitors. *Archiv Der Pharmazie*, **2011**, 344, 149-57	4.3	19
64	One-pot synthesis of 4,6-diaryl-2-oxo(imino)-1,2-dihydropyridine-3-carbonitrile; a New Scaffold for p38alpha MAP kinase inhibition. *ACS Combinatorial Science*, **2010**, 12, 559-65		18
63	First Bispecific Inhibitors of the Epidermal Growth Factor Receptor Kinase and the NF-κB Activity As Novel Anticancer Agents. *Journal of Medicinal Chemistry*, **2017**, 60, 2853-2868	8.3	17
62	5-substituted 2-bromoindolo[3,2-b]quinoxalines. A class of potential antitumor agents with cdc25 phosphatase inhibitory properties. *Archiv Der Pharmazie*, **1998**, 331, 352-8	4.3	16
61	6-Aryl and heterocycle quinazoline derivatives as potent EGFR inhibitors with improved activity toward gefitinib-sensitive and -resistant tumor cell lines. *ChemMedChem*, **2013**, 8, 1495-504	3.7	15
60	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. *Archiv Der Pharmazie*, **2002**, 335, 367-73	4.3	15
59	Four-component synthesis of 1,2-dihydropyridine derivatives and their evaluation as anticancer agents. *Medicinal Chemistry*, **2012**, 8, 392-400	1.8	15
58	Exploring the PDE5 H-pocket by ensemble docking and structure-based design and synthesis of novel β-carboline derivatives. *European Journal of Medicinal Chemistry*, **2012**, 57, 329-43	6.8	14
57	Design and synthesis of novel tamoxifen analogues that avoid CYP2D6 metabolism. *European Journal of Medicinal Chemistry*, **2016**, 112, 171-179	6.8	13
56	Development of novel 2,4-bispyridyl thiophene-based compounds as highly potent and selective Dyrk1A inhibitors. Part I: Benzamide and benzylamide derivatives. *European Journal of Medicinal Chemistry*, **2018**, 157, 1031-1050	6.8	12
55	Quinazoline and tetrahydropyridothieno[2,3-d]pyrimidine derivatives as irreversible EGFR tyrosine kinase inhibitors: influence of the position 4 substituent. *MedChemComm*, **2013**, 4, 1202	5	12
54	Design of novel β-carboline derivatives with pendant 5-bromothienyl and their evaluation as phosphodiesterase-5 inhibitors. *Archiv Der Pharmazie*, **2013**, 346, 23-33	4.3	12
53	Synthesis and antitubercular activity of 6-chloro (unsubstituted)- 2-methoxy-9-substituted acridine derivatives. *Archives of Pharmacal Research*, **2004**, 27, 713-9	6.1	12
52	Synthesis, binding studies and molecular modeling of novel cannabinoid receptor ligands. *Bioorganic and Medicinal Chemistry*, **2010**, 18, 8463-77	3.4	11

51	Design and Synthesis of Novel Phenylpiperazine Derivatives as Potential Anticonvulsant Agents. *Archiv Der Pharmazie*, **2015**, 348, 868-74	4.3	10
50	Simultaneous determination of verapamil and celiprolol in human plasma. *Journal of Chromatographic Science*, **1994**, 32, 153-6	1.4	10
49	High-performance liquid chromatographic determination of diltiazem and two of its metabolites in plasma using a short alkyl chain silanol deactivated column. *Biomedical Applications*, **1993**, 615, 111-6		10
48	Extending the use of tadalafil scaffold: Development of novel selective phosphodiesterase 5 inhibitors and histone deacetylase inhibitors. *Bioorganic Chemistry*, **2020**, 98, 103742	5.1	9
47	Pharmacological inhibition of protein kinase C (PKC) downregulates the expression of cytokines involved in the pathogenesis of chronic obstructive pulmonary disease (COPD). *European Journal of Pharmaceutical Sciences*, **2016**, 93, 405-9	5.1	9
46	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. *European Journal of Medicinal Chemistry*, **2018**, 158, 270-285	6.8	9
45	Design and synthesis of novel annulated thienopyrimidines as phosphodiesterase 5 (PDE5) inhibitors. *Archiv Der Pharmazie*, **2018**, 351, e1800018	4.3	7
44	Design and synthesis of novel flexible ester-containing analogs of tamoxifen and their evaluation as anticancer agents. *Future Medicinal Chemistry*, **2016**, 8, 249-56	4.1	7
43	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. *Chemical and Pharmaceutical Bulletin*, **2013**, 61, 405-10	1.9	7
42	Synthesis of novel tadalafil analogues and their evaluation as phosphodiesterase inhibitors and anticancer agents. *Arzneimittelforschung*, **2009**, 59, 415-21		7
41	An optimized derivative of an endogenous CXCR4 antagonist prevents atopic dermatitis and airway inflammation. *Acta Pharmaceutica Sinica B*, **2021**, 11, 2694-2708	15.5	6
40	Symmetric Anti-HCV Agents: Synthesis, Antiviral Properties, and Conformational Aspects of Core Scaffolds. *ACS Omega*, **2019**, 4, 11440-11454	3.9	6
39	Discovery of highly potent and selective D4 ligands by interactive SAR study. *Bioorganic and Medicinal Chemistry Letters*, **2013**, 23, 5077-81	2.9	6
38	Synthesis and evaluation of novel 7-trifluoromethyl-4-(4-substituted anilino)quinolines as antiparasitic and antineoplastic agents. *Arzneimittelforschung*, **2003**, 53, 655-63		6
37	CoMFA and CoMSIA studies of 1,2-dihydropyridine derivatives as anticancer agents. *Medicinal Chemistry*, **2012**, 8, 372-83	1.8	5
36	A novel access to arylated and heteroarylated beta-carboline based PDE5 inhibitors. *Medicinal Chemistry*, **2010**, 6, 374-87	1.8	5
35	Phenylpiperazinylmethylheterocycle derivatives: synthesis and dopamine receptor binding profiles. *Archiv Der Pharmazie*, **2004**, 337, 383-90	4.3	5
34	Liquid chromatographic determination of celiprolol, diltiazem, desmethyldiltiazem and deacetyldiltiazem in plasma using a short alkyl chain silanol deactivated column. *Journal of Pharmaceutical and Biomedical Analysis*, **1994**, 12, 135-40	3.5	5

33	An interactive SAR approach to discover novel hybrid thieno probes as ligands for D2-like receptors with affinities in the subnanomolar range. *Chemistry and Biodiversity*, **2013**, 10, 2247-66	2.5	4
32	Mining ZINC Database to Discover Potential Phosphodiesterase 9 Inhibitors Using Structure-Based Drug Design Approach. *Medicinal Chemistry*, **2016**, 12, 472-7	1.8	4
31	Structure-Based Design of Novel Tetrahydro-Beta-Carboline Derivatives with a Hydrophilic Side Chain as Potential Phosphodiesterase Inhibitors. *Scientia Pharmaceutica*, **2015**, 84, 428-446	4.3	4
30	Expanding the chemical space of anti-HCV NS5A inhibitors by stereochemical exchange and peptidomimetic approaches. *Archiv Der Pharmazie*, **2018**, 351, e1800017	4.3	4
29	D1-like receptors distinguishing thieno-azecine regioisomers. *MedChemComm*, **2015**, 6, 1679-1686	5	3
28	Discovery of trisubstituted pyrazolines as a novel scaffold for the development of selective phosphodiesterase 5 inhibitors. *Bioorganic Chemistry*, **2020**, 104, 104322	5.1	3
27	Naphthalene and 2,3-dihydrobenzo[b][1,4]dioxine derivatives with extended side chains as new scaffolds of CB2-selective ligands. *MedChemComm*, **2014**, 5, 1571-1576	5	3
26	Trisubstituted and tetrasubstituted pyrazolines as a novel class of cell-growth inhibitors in tumor cells with wild type p53. *Bioorganic and Medicinal Chemistry*, **2013**, 21, 7343-56	3.4	3
25	Chemical Composition and Biological Activity of Essential Oils of Cumin and Coriander Fruits from Egypt. *Natural Products Journal*, **2014**, 4, 63-69	0.6	3
24	Novel 2,4-disubstituted quinazoline analogs as antibacterial agents with improved cytotoxicity profile: Optimization of the 2,4-substituents. *Bioorganic Chemistry*, **2021**, 117, 105422	5.1	3
23	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. *Bioorganic Chemistry*, **2020**, 102, 104089	5.1	2
22	Design and synthesis of novel 1,3,5-triphenyl pyrazolines as potential anti-inflammatory agents through allosteric inhibition of protein kinase Czeta (PKCζ). *MedChemComm*, **2018**, 9, 1076-1082	5	2
21	Discovery of a novel series of tetrahydro-β-carbolines inducing autophagic cell death in human metastatic melanoma. *Archiv Der Pharmazie*, **2014**, 347, 398-406	4.3	2
20	Synthesis, Molecular Modeling, and Biological Evaluation of Novel Tetrahydro-βCarboline Hydantoin and Tetrahydro-βCarboline Thiohydantoin Derivatives as Phosphodiesterase 5 Inhibitors. *International Journal of Medicinal Chemistry*, **2011**, 2011, 562421	1.7	2
19	Discovery of novel 6-hydroxybenzothiazole urea derivatives as dual Dyrk1A/βsynuclein aggregation inhibitors with neuroprotective effects. *European Journal of Medicinal Chemistry*, **2022**, 227, 113911	6.8	2
18	Benzofuran and pyrrole derivatives as cannabinoid receptor modulators with efficacy against ulcerative colitis. *Future Medicinal Chemistry*, **2019**, 11, 3139-3159	4.1	2
17	Synthesis of novel 1,2-diarylpyrazolidin-3-one-based compounds and their evaluation as broad spectrum antibacterial agents. *Bioorganic Chemistry*, **2020**, 99, 103759	5.1	1
16	Synthesis and Optimization of New 3,6-Disubstitutedindole Derivatives and Their Evaluation as Anticancer Agents Targeting the MDM2/MDMx Complex. *Chemical and Pharmaceutical Bulletin*, **2016**, 64, 34-41	1.9	1

15	Design and synthesis of novel quinazoline derivatives and their evaluation as PI3Ks inhibitors. *Chemical and Pharmaceutical Bulletin*, **2014**, 62, 1166-72	1.9	1
14	Synthesis and binding study of certain 6-arylalkanamides as molecular probes for cannabinoid receptor subtypes. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2013**, 28, 436-9	5.6	1
13	Synthesis of Novel 1,3,4-Trisubstituted Pyrazole Derivatives and Their Evaluation as Antitumor and Antiangiogenic Agents.. *ChemInform*, **2003**, 34, no		1
12	Synthesis and cyclooxygenase inhibitory properties of novel (+) 2-(6-methoxy-2-naphthyl)propanoic acid (naproxene) derivatives. *Archiv Der Pharmazie*, **2001**, 334, 104-6	4.3	1
11	Synthesis, antitumor and antitubercular evaluation of certain new xanthenone and acridinone analogs. *Arzneimittelforschung*, **1999**, 49, 259-66		1
10	Discovery of Hydroxybenzothiazole Urea Compounds as Multitargeted Agents Suppressing Major Cytotoxic Mechanisms in Neurodegenerative Diseases. *ACS Chemical Neuroscience*, **2021**, 12, 4302-4318	5.7	1
9	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.. *European Journal of Medicinal Chemistry*, **2021**, 229, 114034	6.8	1
8	Design and Synthesis of Novel Symmetric Fluorene-2,7-Diamine Derivatives as Potent Hepatitis C Virus Inhibitors. *Pharmaceuticals*, **2021**, 14,	5.2	1
7	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. *Journal of Medicinal Chemistry*, **2021**, 64, 4462-4477	8.3	1
6	5-Methoxybenzothiophene-2-Carboxamides as Inhibitors of Clk1/4: Optimization of Selectivity and Cellular Potency. *Molecules*, **2021**, 26,	4.8	1
5	Development of fluorinated and methoxylated benzothiazole derivatives as highly potent and selective cannabinoid CB receptor ligands. *Bioorganic Chemistry*, **2021**, 114, 105191	5.1	1
4	Novel thiazolidine derivatives as potent selective pro-apoptotic agents. *Bioorganic Chemistry*, **2021**, 114, 105143	5.1	0
3	Development of novel conformationally restricted selective Clk1/4 inhibitors through creating an intramolecular hydrogen bond involving an imide linker. *European Journal of Medicinal Chemistry*, **2022**, 114411	6.8	0
2	Design and Synthesis of Novel Bis-Imidazolyl Phenyl Butadiyne Derivatives as HCV NS5A Inhibitors. *Pharmaceuticals*, **2022**, 15, 632	5.2	0
1	Novel 2,4-disubstituted quinazoline analogs as antibacterial agents with improved cytotoxicity profile: Modification of the benzenoid part.. *Bioorganic and Medicinal Chemistry Letters*, **2022**, 59, 128531	2.9	