Ashraf H Abadi

List of Publications by Year
in descending order

94 papers	1,877 citations	279778 23 h-index	289230 40 g-index
102 all docs	102 docs citations	102 times ranked	2948 citing authors

#	Article	IF	Citations
1	Synthesis of Novel 1,3,4-Trisubstituted Pyrazole Derivatives and Their Evaluation as Antitumor and Antiangiogenic Agents. Chemical and Pharmaceutical Bulletin, 2003, 51, 838-844.	1.3	189
2	Sulindac Selectively Inhibits Colon Tumor Cell Growth by Activating the cGMP/PKG Pathway to Suppress Wnt/Î²-Catenin Signaling. Molecular Cancer Therapeutics, 2013, 12, 1848-1859.	4.1	113
3	Synthesis ofÂ3-substituted-2-oxoindole analogues andÂtheirÂevaluation asÂkinase inhibitors, anticancer andÂantiangiogenic agents. European Journal of Medicinal Chemistry, 2006, 41, 296-305.	5.5	98
4	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, 3331-3340.	4.1	92
5	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, 5759-5765.	3.0	84
6	A Novel Sulindac Derivative that Potently Suppresses Colon Tumor Cell Growth by Inhibiting cGMP Phosphodiesterase and Î²-Catenin Transcriptional Activity. Cancer Prevention Research, 2012, 5, 822-833.	1.5	83
7	Design, synthesis and biological evaluation of novel pyridine derivatives as anticancer agents and phosphodiesterase 3 inhibitors. Bioorganic and Medicinal Chemistry, 2009, 17, 5974-5982.	3.0	81
8	Synthesis and inÂvitro antiproliferative effect of novel quinoline-based potential anticancer agents. European Journal of Medicinal Chemistry, 2013, 63, 826-832.	5.5	61
9	Discovery of colon tumor cell growth inhibitory agents through a combinatorial approach. European Journal of Medicinal Chemistry, 2010, 45, 90-97.	5.5	60
10	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.	0.9	51
11	Synthesis and Antitumor Activity of Ethyl 2-Substituted-aminothiazole-4-carboxylate Analogs. Archiv Der Pharmazie, 1999, 332, 137-142.	4.1	47
12	Structure-activity relationships of thiazole and benzothiazole derivatives as selective cannabinoid CB2 agonists with inÂvivo anti-inflammatory properties. European Journal of Medicinal Chemistry, 2019, 180, 154-170.	5.5	47
13	Synthesis and Molecular Modeling of Novel Tetrahydro-Î²-carboline Derivatives with Phosphodiesterase 5 Inhibitory and Anticancer Properties. Journal of Medicinal Chemistry, 2011, 54, 495-509.	6.4	43
14	Development of Selective Clk1 and -4 Inhibitors for Cellular Depletion of Cancer-Relevant Proteins. Journal of Medicinal Chemistry, 2017, 60, 5377-5391.	6.4	41
15	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, 1278-1286.	5.5	36
16	Discovery and Optimization of 1,3,5-Trisubstituted Pyrazolines as Potent and Highly Selective Allosteric Inhibitors of Protein Kinase C-Î¶. Journal of Medicinal Chemistry, 2014, 57, 6513-6530.	6.4	33
17	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.	5.5	28
18	First Bispecific Inhibitors of the Epidermal Growth Factor Receptor Kinase and the NF-ÎºB Activity As Novel Anticancer Agents. Journal of Medicinal Chemistry, 2017, 60, 2853-2868.	6.4	28

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19	Synthesis and biological evaluation of imidazolylmethylacridones as cytochrome P-450 enzymes inhibitors. MedChemComm, 2012, 3, 663.	3.4	27
20	New NSAID Targets and Derivatives for Colorectal Cancer Chemoprevention. Recent Results in Cancer Research, 2013, 191, 105-120.	1.8	27
21	Design, Synthesis and Structureâ€“Activity Relationship of Functionalized Tetrahydroâ€Î²â€carboline Derivatives as Novel PDE5 Inhibitors. Archiv Der Pharmazie, 2011, 344, 149-157.	4.1	24
22	The voltammetric study and determination of ramipril in dosage forms and biological fluids. Il Farmaco, 2000, 55, 233-238.	0.9	23
23	Design and synthesis of novel tamoxifen analogues that avoid CYP2D6 metabolism. European Journal of Medicinal Chemistry, 2016, 112, 171-179.	5.5	23
24	An optimized derivative of an endogenous CXCR4 antagonist prevents atopic dermatitis and airway inflammation. Acta Pharmaceutica Sinica B, 2021, 11, 2694-2708.	12.0	23
25	Synthesis of novel lactam derivatives and their evaluation as ligands for the dopamine receptors, leading to a D4-selective ligand. Bioorganic and Medicinal Chemistry, 2007, 15, 5811-5818.	3.0	20
26	Four-Component Synthesis of 1,2-Dihydropyridine Derivatives and their Evaluation as Anticancer Agents. Medicinal Chemistry, 2012, 8, 392-400.	1.5	20
27	One-Pot Synthesis of 4,6-Diaryl-2-oxo(imino)-1,2-dihydropyridine-3-carbonitrile; a New Scaffold for p38Î± MAP Kinase Inhibition. ACS Combinatorial Science, 2010, 12, 559-565.	3.3	19
28	Exploring the PDE5 H-pocket by ensemble docking and structure-based design and synthesis of novel Î²-carboline derivatives. European Journal of Medicinal Chemistry, 2012, 57, 329-343.	5.5	19
29	5-Substituted 2-Bromoindolo[3,2-b]quinoxalines. A Class of Potential Antitumor Agents with cdc25 Phosphatase Inhibitory Properties. Archiv Der Pharmazie, 1998, 331, 352-358.	4.1	18
30	Dopamine/Serotonin Receptor Ligands, Part III [1]: Synthesis and Biological Activities of 7, 7â€²â€”Alkylene-bis-6, 7, 8, 9, 14, 15-hexahydro-5H-benz[d]indolo[2, 3-g]azecines â€” Application of the Bivalent Ligand Approach to a Novel Type of Dopamine Receptor Antagonist. Archiv Der Pharmazie, 2002, 335, 367-373.	4.1	18
31	Synthesis and antitubercular activity of 6-chloro (unsubstituted)-2-methoxy-9-substituted acridine derivatives. Archives of Pharmacal Research, 2004, 27, 713-719.	6.3	18
32	Development of novel 2,4-bispyridyl thiopheneâ€“based compounds as highly potent and selective Dyrk1A inhibitors. Part I: Benzamide and benzylamide derivatives. European Journal of Medicinal Chemistry, 2018, 157, 1031-1050.	5.5	18
33	6â€Aryl and Heterocycle Quinazoline Derivatives as Potent EGFR Inhibitors with Improved Activity toward Gefitinibâ€Sensitive and â€Resistant Tumor Cell Lines. ChemMedChem, 2013, 8, 1495-1504.	3.2	16
34	Quinazoline and tetrahydropyridothieno[2,3-d]pyrimidine derivatives as irreversible EGFR tyrosine kinase inhibitors: influence of the position 4 substituent. MedChemComm, 2013, 4, 1202.	3.4	16
35	Development of novel amideâ€“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.	5.5	16
36	Design of Novel Î²â€Carboline Derivatives with Pendant 5â€Bromothienyl and Their Evaluation as Phosphodiesteraseâ€5 Inhibitors. Archiv Der Pharmazie, 2013, 346, 23-33.	4.1	14

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37	Pharmacological inhibition of protein kinase C (PKC)Î¶ downregulates the expression of cytokines involved in the pathogenesis of chronic obstructive pulmonary disease (COPD). European Journal of Pharmaceutical Sciences, 2016, 93, 405-409.	4.0	14
38	Extending the use of tadalafil scaffold: Development of novel selective phosphodiesterase 5 inhibitors and histone deacetylase inhibitors. Bioorganic Chemistry, 2020, 98, 103742.	4.1	14
39	Design and Synthesis of Novel Phenylpiperazine Derivatives as Potential Anticonvulsant Agents. Archiv Der Pharmazie, 2015, 348, 868-874.	4.1	13
40	Design and synthesis of novel annulated thienopyrimidines as phosphodiesterase 5 (PDE5) inhibitors. Archiv Der Pharmazie, 2018, 351, e1800018.	4.1	12
41	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, 111-116.	1.7	11
42	Synthesis, binding studies and molecular modeling of novel cannabinoid receptor ligands. Bioorganic and Medicinal Chemistry, 2010, 18, 8463-8477.	3.0	11
43	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.	6.4	11
44	Discovery of novel 6-hydroxybenzothiazole urea derivatives as dual Dyrk1A/Î±-synuclein aggregation inhibitors with neuroprotective effects. European Journal of Medicinal Chemistry, 2022, 227, 113911.	5.5	11
45	Simultaneous Determination of Verapamil and Celiprolol in Human Plasma. Journal of Chromatographic Science, 1994, 32, 153-156.	1.4	10
46	CoMFA and CoMSIA Studies of 1,2-dihydropyridine Derivatives as Anticancer Agents. Medicinal Chemistry, 2012, 8, 372-383.	1.5	10
47	Design and synthesis of novel flexible ester-containing analogs of tamoxifen and their evaluation as anticancer agents. Future Medicinal Chemistry, 2016, 8, 249-256.	2.3	10
48	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, 405-410.	1.3	9
49	Synthesis of Novel Tadalafil Analogues and their Evaluation as Phosphodiesterase Inhibitors and Anticancer Agents. Arzneimittelforschung, 2009, 59, 415-421.	0.4	8
50	D₁-like receptors distinguishing thieno-azecine regioisomers. MedChemComm, 2015, 6, 1679-1686.	3.4	8
51	Discovery of highly potent and selective D4 ligands by interactive SAR study. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 5077-5081.	2.2	7
52	Chemical Composition and Biological Activity of Essential Oils of Cumin and Coriander Fruits from Egypt. Natural Products Journal, 2014, 4, 63-69.	0.3	7
53	Synthesis of novel 1,2-diarylpyrazolidin-3-oneâ€"based compounds and their evaluation as broad spectrum antibacterial agents. Bioorganic Chemistry, 2020, 99, 103759.	4.1	7
54	Synthesis and Evaluation of Novel 7-Trifluoromethyl-4-(4-substituted anilino)quinolines as Antiparasitic and Antineoplastic Agents. Arzneimittelforschung, 2003, 53, 655-663.	0.4	6

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55	Phenylpiperazinylmethylheterocycle Derivatives: Synthesis and Dopamine Receptor Binding Profiles. Archiv Der Pharmazie, 2004, 337, 383-390.	4.1	6
56	An Interactive SAR Approach to Discover Novel Hybrid Thieno Probes as Ligands for D2â€Like Receptors with Affinities in the Subnanomolar Range. Chemistry and Biodiversity, 2013, 10, 2247-2266.	2.1	6
57	Structure-Based Design of Novel Tetrahydro-Beta-Carboline Derivatives with a Hydrophilic Side Chain as Potential Phosphodiesterase Inhibitors. Scientia Pharmaceutica, 2016, 84, 428-446.	2.0	6
58	Symmetric Anti-HCV Agents: Synthesis, Antiviral Properties, and Conformational Aspects of Core Scaffolds. ACS Omega, 2019, 4, 11440-11454.	3.5	6
59	Discovery of trisubstituted pyrazolines as a novel scaffold for the development of selective phosphodiesterase 5 inhibitors. Bioorganic Chemistry, 2020, 104, 104322.	4.1	6
60	Novel 2,4-disubstituted quinazoline analogs as antibacterial agents with improved cytotoxicity profile: Optimization of the 2,4-substituents. Bioorganic Chemistry, 2021, 117, 105422.	4.1	6
61	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, 135-140.	2.8	5
62	A Novel Access to Arylated and Heteroarylated Beta-Carboline Based PDE5 Inhibitors. Medicinal Chemistry, 2010, 6, 374-387.	1.5	5
63	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.	3.4	5
64	Mining ZINC Database to Discover Potential Phosphodiesterase 9 Inhibitors Using Structure-Based Drug Design Approach. Medicinal Chemistry, 2016, 12, 472-477.	1.5	5
65	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, 7343-7356.	3.0	4
66	Expanding the chemical space of antiâ€HCV NS5A inhibitors by stereochemical exchange and peptidomimetic approaches. Archiv Der Pharmazie, 2018, 351, e1800017.	4.1	4
67	Benzofuran and pyrrole derivatives as cannabinoid receptor modulators with in vivo efficacy against ulcerative colitis. Future Medicinal Chemistry, 2019, 11, 3139-3159.	2.3	4
68	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.	4.1	4
69	5-Methoxybenzothiophene-2-Carboxamides as Inhibitors of Clk1/4: Optimization of Selectivity and Cellular Potency. Molecules, 2021, 26, 1001.	3.8	4
70	Development of fluorinated and methoxylated benzothiazole derivatives as highly potent and selective cannabinoid CB2 receptor ligands. Bioorganic Chemistry, 2021, 114, 105191.	4.1	4
71	Novel thiazolidine derivatives as potent selective pro-apoptotic agents. Bioorganic Chemistry, 2021, 114, 105143.	4.1	4
72	Discovery of Hydroxybenzothiazole Urea Compounds as Multitargeted Agents Suppressing Major Cytotoxic Mechanisms in Neurodegenerative Diseases. ACS Chemical Neuroscience, 2021, 12, 4302-4318.	3.5	4

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73	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, 238, 114411.	5.5	4
74	Synthesis, Antitumor and Antitubercular Evaluation of Certain New Xanthenone and Acridinone Analogs. Arzneimittelforschung, 1999, 49, 259-266.	0.4	3
75	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.	1.3	3
76	Manipulating Estrogenic/Anti-Estrogenic Activity of Triphenylethylenes towards Development of Novel Anti-Neoplastic SERMs. International Journal of Molecular Sciences, 2021, 22, 12575.	4.1	3
77	Synthesis and Cyclooxygenase Inhibitory Properties of Novel (+) 2-(6-Methoxy-2-naphthyl)propanoic Acid (Naproxene) Derivatives. Archiv Der Pharmazie, 2001, 334, 104-106.	4.1	2
78	Synthesis, Molecular Modeling, and Biological Evaluation of Novel Tetrahydro-Î²-Carboline Hydantoin and Tetrahydro-Î²-Carboline Thiohydantoin Derivatives as Phosphodiesterase 5 Inhibitors. International Journal of Medicinal Chemistry, 2011, 2011, 1-9.	2.2	2
79	Discovery of a Novel Series of Tetrahydroâ€Î²â€carbolines Inducing Autophagic Cell Death in Human Metastatic Melanoma. Archiv Der Pharmazie, 2014, 347, 398-406.	4.1	2
80	Design and synthesis of novel 1,3,5-triphenyl pyrazolines as potential anti-inflammatory agents through allosteric inhibition of protein kinase Czeta (PKCÎ¶). MedChemComm, 2018, 9, 1076-1082.	3.4	2
81	Design and Synthesis of Novel Symmetric Fluorene-2,7-Diamine Derivatives as Potent Hepatitis C Virus Inhibitors. Pharmaceuticals, 2021, 14, 292.	3.8	2
82	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.	2.2	2
83	Design and Synthesis of Novel Bis-Imidazolyl Phenyl Butadiyne Derivatives as HCV NS5A Inhibitors. Pharmaceuticals, 2022, 15, 632.	3.8	2
84	Development of (4-Phenylamino)quinazoline Alkylthiourea Derivatives as Novel NF-ÎºB Inhibitors. Pharmaceuticals, 2022, 15, 778.	3.8	2
85	From EGFR kinase inhibitors to anti-inflammatory drugs: Optimization and biological evaluation of (4-(phenylamino)quinazolinyl)-phenylthiourea derivatives as novel NF-ÎºB inhibitors. Bioorganic Chemistry, 2022, 127, 105977.	4.1	2
86	Synthesis of Novel 1,3,4-Trisubstituted Pyrazole Derivatives and Their Evaluation as Antitumor and Antiangiogenic Agents.. ChemInform, 2003, 34, no.	0.0	1
87	Synthesis and binding study of certain 6-arylalkanamides as molecular probes for cannabinoid receptor subtypes. Journal of Enzyme Inhibition and Medicinal Chemistry, 2013, 28, 436-439.	5.2	1
88	Design and Synthesis of Novel Quinazoline Derivatives and Their Evaluation as PI3Ks Inhibitors. Chemical and Pharmaceutical Bulletin, 2014, 62, 1166-1172.	1.3	1
89	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, 2022, 229, 114034.	5.5	1
90	Flexible Etherified and Esterified Triphenylethylene Derivatives and Their Evaluation on ERâ€positive and Tripleâ€Negative Breast Cancer Cell Lines. ChemMedChem, 2022, 17, .	3.2	1

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91	Dopamine/Serotonin Receptor Ligands. Part 3. Synthesis and Biological Activities of 7,7â€²-Alkylene-bis-6,7,8,9,14,15-hexahydro-5H-benz[d]indolo [2,3-g]azecines â€" Application of the Bivalent Ligand Approach to a Novel Type of Dopamine Receptor Antagonist.. ChemInform, 2003, 34, no.	0.0	0
92	Abstract 2322: Î²-catenin-dependent TCF/LEF transcriptional regulation of phosphodiesterase expression in colon cancer cells. , 2014, , .		0
93	Abstract 1243: A novel series of celecoxib derivatives lacking COX-2 inhibitory activity more potently inhibits cancer cell growth by inhibiting PDE5. , 2014, , .		0
94	Abstract 1914: A novel celecoxib derivative that lacks COX-2 inhibition but displays potent colon tumor cell growth and PDE5 inhibitory activity. , 2015, , .		0