

Alexandre V Ivachtchenko

List of Publications by Year in descending order

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65
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1,378
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279798

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377865

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75
docs citations

75
times ranked

1366
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Structure-Activity Relationship (SAR) of (5,7-Disubstituted) 5-HT ₆ Receptor (5-HT ₆ R) Antagonists. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 8161-8173.	6.4	98
2	Synthesis and Structure-Activity Relationship of 4-Substituted 2-(2-Acetyloxyethyl)-8-(morpholine-) Chemistry, 2005, 48, 3680-3683.	6.4	79
3	Synthesis and antimicrobial activity of 5-hydroxymethyl-8-methyl-2-(N-arylimino)-pyrano[2,3-c]pyridine-3-(N-aryl)-carboxamides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 5483-5487.	2.2	65
4	Pyrrolo[3,4-c]quinoline-1,3-diones as potent caspase-3 inhibitors. Synthesis and SAR of 2-substituted 4-methyl-8-(morpholine-4-sulfonyl)-pyrrolo[3,4-c]quinoline-1,3-diones. <i>European Journal of Medicinal Chemistry</i> , 2005, 40, 1377-1383.	5.5	61
5	1,3-Dioxo-4-methyl-2,3-dihydro-1H-pyrrolo[3,4-c]quinolines as potent caspase-3 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 1841-1845.	2.2	55
6	(3-Phenylsulfonylcycloalkano[<i>i>e</i></i> and <i>i>d</i>]pyrazolo[1,5-<i>a</i></i>]pyrimidin-2-yl)amines: Potent and Selective Antagonists of the Serotonin 5-HT₆ Receptor. <i>Journal of Medicinal Chemistry</i>, 2010, 53, 5186-5196.</i>	6.4	54
7	One-Step Assembly of Carbamoyl-Substituted Heteroannulated [1,4]Thiazepines. <i>Journal of Organic Chemistry</i> , 2006, 71, 2811-2819.	3.2	52
8	Synthesis and biological evaluation of novel β -carboline analogues of Dimebon as potent 5-HT ₆ receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3183-3187.	2.2	46
9	New Four-Component Ugi-Type Reaction. Synthesis of Heterocyclic Structures Containing a Pyrrolo[1,2- <i>a</i>][1,4]diazepine Fragment. <i>Journal of Organic Chemistry</i>, 2005, 70, 1478-1481.</i>	3.2	45
10	Poorly reactive 5-piperazin-1-yl-1,3,4-thiadiazol-2-amines rendered as valid substrates for Groebke-Blackburn type multi-component reaction with aldehydes and isocyanides using TMSCl as a promoter. <i>Tetrahedron Letters</i> , 2008, 49, 5241-5243.	1.4	41
11	A new insight into the Pfitzinger reaction. A facile synthesis of 6-sulfamoylquinoline-4-carboxylic acids. <i>Tetrahedron Letters</i> , 2004, 45, 5473-5476.	1.4	36
12	2-Substituted 5,6-dimethyl-3-phenylsulfonyl-pyrazolo[1,5- <i>a</i></i>]pyrimidines: New series of highly potent and specific serotonin 5-HT ₆ receptor antagonists. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 1189-1197.	5.5	35
13	AVN-101: A Multi-Target Drug Candidate for the Treatment of CNS Disorders. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 583-620.	2.6	33
14	Synthesis of pinacol esters of 1-alkyl-1 <i>H</i> -pyrazolo[5- <i>a</i></i>] and 1-alkyl-1 <i>H</i> -pyrazolo[4- <i>a</i></i>]boronic acids. <i>Journal of Heterocyclic Chemistry</i> , 2004, 41, 931-939.	2.6	29
15	TMSCl-promoted isocyanide-based MCR of ethylenediamines: an efficient assembling of 2-aminopyrazine core. <i>Tetrahedron Letters</i> , 2007, 48, 6239-6244.	1.4	28
16	Synthesis and biological activity of 5-styryl and 5-phenethyl-substituted 2,3,4,5-tetrahydro-1 <i>H</i> -pyrido[4,3- <i>b</i>]indoles. <i>Bioorganic and Medicinal Chemistry Letters</i>, 2010, 20, 78-82.</i>	2.2	28
17	5-hydroxytryptamine subtype 6 receptor modulators: a patent survey. <i>Expert Opinion on Therapeutic Patents</i> , 2010, 20, 1171-1196.	5.0	28
18	Synthesis and caspase-3 inhibitory activity of 8-sulfonyl-1,3-dioxo-2,3-dihydro-1 <i>H</i> -pyrrolo[3,4- <i>c</i></i>]quinolines. <i>Il Farmaco</i> , 2005, 60, 804-809.	0.9	27

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19	One-step assembly of carbamoyl substituted annulated 1,4-oxazepines. <i>Tetrahedron Letters</i> , 2006, 47, 2649-2653.	1.4	27
20	Screening for Caspase-3 Inhibitors: Effect of a Reducing Agent on Identified Hit Chemotypes. <i>Journal of Biomolecular Screening</i> , 2006, 11, 694-703.	2.6	27
21	An efficient synthesis of novel heterocycle-fused derivatives of 1-oxo-1,2,3,4-tetrahydropyrazine using Ugi condensation. <i>Tetrahedron Letters</i> , 2005, 46, 881-884.	1.4	26
22	New Scaffolds for Combinatorial Synthesis. II. 6-Sulfamoylquinolinecarboxylic Acids. <i>ACS Combinatorial Science</i> , 2003, 5, 645-652.	3.3	24
23	One-Step Construction of Peptidomimetic 5-Carbamoyl-4-sulfonyl-2-piperazinones. <i>ACS Combinatorial Science</i> , 2005, 7, 360-363.	3.3	24
24	General Multicomponent Strategy for the Synthesis of 2-Amino-1,4-diazaheterocycles: Scope, Limitations, and Utility. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1525-1543.	2.4	24
25	Synthesis of Substituted Thienopyrimidine-4-ones. <i>ACS Combinatorial Science</i> , 2004, 6, 573-583.	3.3	23
26	Screening for Caspase-3 Inhibitors: A New Class of Potent Small-Molecule Inhibitors of Caspase-3. <i>Journal of Biomolecular Screening</i> , 2006, 11, 277-285.	2.6	19
27	Antagonists of 5-HT ₆ receptors. Substituted 3-(phenylsulfonyl)pyrazolo[1,5-a]pyrido[3,4-e]pyrimidines and 3-(phenylsulfonyl)pyrazolo[1,5-a]pyrido[4,3-d]pyrimidines: Synthesis and structure-activity relationship. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4273-4280.	2.2	19
28	Synthesis of 4-Oxo-4,5,6,7-tetrahydropyrazolo[1,5-a]pyrazine-6-carboxamides Using a Modification of Ugi Condensation. <i>ACS Combinatorial Science</i> , 2005, 7, 806-808.	3.3	17
29	5HT ₆ receptor antagonists: a patent update. Part 1. Sulfonyl derivatives. <i>Expert Opinion on Therapeutic Patents</i> , 2012, 22, 917-964.	5.0	17
30	Synthesis of substituted diphenyl sulfones and their structure-activity relationship with the antagonism of 5-HT ₆ receptors. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4614-4627.	3.0	17
31	New Scaffolds for Combinatorial Synthesis. 1. 5-Sulfamoylisatins and Their Reactions with 1,2-Diamines. <i>ACS Combinatorial Science</i> , 2002, 4, 419-428.	3.3	16
32	Access to novel substituted diazaadamantanes via semi-natural tetrahydrocytisine. <i>Tetrahedron Letters</i> , 2004, 45, 6733-6736.	1.4	16
33	Natural products as templates for bioactive compound libraries: synthesis of biaryl derivatives of (±)-vasicine. <i>Natural Product Research</i> , 2006, 20, 735-741.	1.8	16
34	Multicomponent approach to unique 1,4-diazepine-2-amines. <i>Tetrahedron Letters</i> , 2009, 50, 2854-2856.	1.4	16
35	8-Sulfonyl-substituted tetrahydro-1 H -pyrido[4,3- b]indoles as 5-HT ₆ receptor antagonists. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 782-789.	5.5	16
36	5-HT ₆ receptor modulators: a patent update. Part 2. Diversity in heterocyclic scaffolds. <i>Expert Opinion on Therapeutic Patents</i> , 2012, 22, 1123-1168.	5.0	15

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37	Non-rigid Diarylmethyl Analogs of Baloxavir as Cap-Dependent Endonuclease Inhibitors of Influenza Viruses. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 9403-9420.	6.4	15
38	Synthesis of the Substituted 3- <i>Cyclobutene</i> -1,2-diones. <i>Synthetic Communications</i> , 2007, 37, 2527-2542.	2.1	14
39	Parallel Liquid-Phase Synthesis of N-Substituted 6-Aminosulfonyl-2-oxo-1,2-dihydroquinoline-4-carboxamide and 6-Aminosulfonylquinoline-4-carboxamide Derivatives. <i>ACS Combinatorial Science</i> , 2005, 7, 227-235.	3.3	13
40	Synthesis of 7,8-Dihydrothieno[3 ² ,2 ² :4,5]pyrrolo[1,2- <i>c</i>]pyrazin-5(6H)-ones Using a Modification of Four-Component Ugi Reaction. <i>Synthetic Communications</i> , 2006, 36, 903-910.	2.1	13
41	Small Molecule 5-HT ₆ R Ligands: A Comprehensive Insight into their Selectivity and Activity. <i>Current Bioactive Compounds</i> , 2013, 9, 64-100.	0.5	13
42	One-step assembly of novel carbamoyl substituted 6-oxo-4,5,6,11-tetrahydropyrrolo[1,2- <i>b</i>][2,5]benzodiazocine. <i>Tetrahedron Letters</i> , 2009, 50, 2790-2792.	1.4	12
43	Trimethylsilyl Chloride as a Promoter for the Groebke-Blackburn Reaction: Preparation of Imidazo[2,1- <i>b</i>][1,3]Benzothiazoles. <i>Synthetic Communications</i> , 2009, 40, 111-119.	2.1	12
44	Synthesis of substituted 3-(5-amino-1,3,4-thiadiazol-2-yl)- <i>H</i> -pyrano[2,3- <i>c</i>]pyridin-2-ones. <i>Journal of Heterocyclic Chemistry</i> , 2004, 41, 517-524.	2.6	11
45	Synthesis of Annelated Azaheterocycles Containing a 5-Carbamoylpyrazin-3-one Fragment by a Modification of the Four-Component Ugi Reaction. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 4670-4679.	2.4	10
46	AN EFFICIENT SYNTHESIS OF 3-OXO-1,2,3,4-TETRAHYDROPIRROLO[1,2- <i>h</i>]PYRAZINE-1-CARBOXAMIDES USING NOVEL MODIFICATION OF UGI CONDENSATION. <i>Heterocyclic Communications</i> , 2005, 11, .	1.2	10
47	Synthesis and Chemical Transformations of 6-(Morpholine-4-sulfonyl)-quinoline-2,3,4-tricarboxylic Acid. <i>Synthetic Communications</i> , 2006, 36, 911-917.	2.1	10
48	Synthesis and Biological Evaluation of Novel 5,8-Disubstituted-2-methyl-2,3,4,5-tetrahydro-1- <i>H</i> -pyrido[4,3- <i>b</i>]indoles as 5-HT ₄ and H ₁ Receptors Antagonists. <i>Archiv Der Pharmazie</i> , 2009, 342, 740-747.	4.6	9
49	NEW FOUR-COMPONENT UGI-TYPE REACTION. SYNTHESIS OF 3-METHYL-1-OXO-1,3,4,6,11,11a-HEXAHYDRO-2H-PYRAZINO[1,2- <i>b</i>]ISOQUINOLINE-3-CARBOXAMIDES. <i>Heterocyclic Communications</i> , 2006, 12, .	1.2	7
50	A convenient synthesis of heterocyclic compounds containing 11-oxo-6,11,12,13-tetrahydrodibenzo[<i>b,g</i>][1,5]oxazonine fragment. <i>Mendeleev Communications</i> , 2009, 19, 287-289.	1.6	7
51	Synthesis, inhibitory activity and oral dosing formulation of AV5124, the structural analogue of influenza virus endonuclease inhibitor baloxavir. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1010-1018.	3.0	7
52	A novel mesoionic ring system: unusual cyclization of thio- and amino-acid derivatives of 6-azauracil. <i>Tetrahedron Letters</i> , 2005, 46, 5325-5328.	1.4	6
53	Convenient Synthesis of Substituted 5-(Hydroxymethyl)-8-methyl-3-(4-phenylquinazolin-2-yl)-2H-pyrano[2,3- <i>c</i>]pyridin-2-ones. <i>Synthetic Communications</i> , 2005, 35, 1641-1647.	2.6	4
54	Synthesis of 7-Sulfamoyl-Substituted 2-Oxo-2,3,4,5-tetrahydro-1H-benzo[<i>b</i>]azepines. <i>Synthetic Communications</i> , 2006, 36, 3525-3535.	2.1	3

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55	Convenient synthesis of novel 5-substituted 3-methylisoxazole-4-sulfonamides. Journal of Heterocyclic Chemistry, 2006, 43, 663-671.	2.6	1
56	Non-dopamine receptor ligands for the treatment of Parkinson's disease. Insight into the related chemical/property space. Molecular Diversity, 2016, 20, 345-365.	3.9	1
57	Synthesis of 7-arylimidazo[1,2-a]pyrazin-8(7H)-one derivatives. Chemistry of Heterocyclic Compounds, 2019, 55, 386-391.	1.2	1
58	Synthesis of Substituted Thienopyrimidine-4-ones.. ChemInform, 2004, 35, no.	0.0	0
59	An Efficient Synthesis of Novel Heterocycle-Fused Derivatives of 1-Oxo-1,2,3,4-tetrahydropyrazine Using Ugi Condensation.. ChemInform, 2005, 36, no.	0.0	0
60	Synthesis of Pinacol Esters of 1-Alkyl-1H-pyrazol-5-yl- and 1-Alkyl-1H-pyrazol-4-ylboronic Acids.. ChemInform, 2005, 36, no.	0.0	0
61	1,3-Dioxo-4-methyl-2,3-dihydro-1H-pyrrolo[3,4-c]quinolines as Potent Caspase-3 Inhibitors.. ChemInform, 2005, 36, no.	0.0	0
62	Parallel Liquid-Phase Synthesis of N-Substituted 6-Aminosulfonyl-2-oxo-1,2-dihydroquinoline-4-carboxamide and 6-Aminosulfonylquinoline-4-carboxamide Derivatives.. ChemInform, 2005, 36, no.	0.0	0
63	Convenient Synthesis of Substituted 5-(Hydroxymethyl)-8-methyl-3-(4-phenylquinazolin-2-yl)-2H-pyrano [2,3-c]pyridin-2-ones.. ChemInform, 2005, 36, no.	0.0	0
64	Synthesis of Annelated Azaheterocycles Containing a 5-Carbamoylpyrazin-3-one Fragment by a Modification of the Four-Component Ugi Reaction.. ChemInform, 2006, 37, no.	0.0	0
65	Synthesis of 2-chloromethyl-4-oxo-3,4-dihydroquinazoline-7-carboxylic acid methyl ester. , 2003, , 289.		0