

Jarmila Vinsov

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.

106
papers

2,169
citations

28
h-index

40
g-index

115
ext. papers

2,565
ext. citations

4.2
avg, IF

5.04
L-index

#	Paper	IF	Citations
106	Sulfonamide-salicylaldehyde imines active against methicillin- and trimethoprim/sulfonamide-resistant. <i>Future Medicinal Chemistry</i> , 2021 , 13, 1945-1962	4.1	1
105	Cellular Internalization and Inhibition Capacity of New Anti-Glioma Peptide Conjugates: Physicochemical Characterization and Evaluation on Various Monolayer- and 3D-Spheroid-Based Platforms. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 2982-3005	8.3	5
104	Spectroscopic investigations, concentration dependent SERS, and molecular docking studies of a hydroxybenzylidene derivative. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-13	3.6	2
103	Optimizing the structure of (salicylideneamino)benzoic acids: Towards selective antifungal and anti-staphylococcal agents. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 159, 105732	5.1	2
102	DFT, molecular docking and SERS (concentration and solvent dependant) investigations of a methylisoxazole derivative with potential antimicrobial activity. <i>Journal of Molecular Structure</i> , 2021 , 1232, 130034	3.4	8
101	Concentration and solvent dependent SERS, DFT, MD simulations and molecular docking studies of a thioxothiazolidine derivative with antimicrobial properties. <i>Journal of Molecular Liquids</i> , 2021 , 329, 115582	6	9
100	Iodinated 1,2-diacylhydrazines, benzohydrazide-hydrazones and their analogues as dual antimicrobial and cytotoxic agents. <i>Bioorganic and Medicinal Chemistry</i> , 2021 , 41, 116209	3.4	2
99	DFT, SERS-concentration and solvent dependent and docking studies of a bioactive benzenesulfonamide derivative. <i>Journal of Molecular Structure</i> , 2021 , 1228, 129680	3.4	9
98	Concentration dependent SERS, DFT and molecular docking studies of a ureido derivative with antitubercular properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 249, 119329	4.4	7
97	Spectroscopic investigations, concentration dependent SERS, and molecular docking studies of a benzoic acid derivative. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 248, 119265	4.4	6
96	Synthesis, Biological Evaluation, and In Silico Modeling of -Substituted Quinoxaline-2-Carboxamides. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
95	Design and synthesis of 2-(2-isonicotinoylhydrazineylidene)propanamides as InhA inhibitors with high antitubercular activity. <i>European Journal of Medicinal Chemistry</i> , 2021 , 223, 113668	6.8	3
94	Novel propargylamine-based inhibitors of cholinesterases and monoamine oxidases: Synthesis, biological evaluation and docking study. <i>Bioorganic Chemistry</i> , 2021 , 116, 105301	5.1	3
93	-Alkyl-2-[4-(trifluoromethyl)benzoyl]hydrazine-1-carboxamides and Their Analogues: Synthesis and Multitarget Biological Activity. <i>Molecules</i> , 2020 , 25,	4.8	2
92	N-[3,5-Bis(trifluoromethyl)phenyl]-5-bromo-2-hydroxybenzamide Analogues: Novel Acetyl- and Butyrylcholinesterase Inhibitors. <i>Current Topics in Medicinal Chemistry</i> , 2020 , 20, 2094-2105	3	1
91	Novel Iodinated Hydrazide-hydrazones and their Analogues as Acetyl- and Butyrylcholinesterase Inhibitors. <i>Current Topics in Medicinal Chemistry</i> , 2020 , 20, 2106-2117	3	3
90	5-Alkylamino--phenylpyrazine-2-carboxamides: Design, Preparation, and Antimycobacterial Evaluation. <i>Molecules</i> , 2020 , 25,	4.8	6

89	4-Aminobenzoic Acid Derivatives: Converting Folate Precursor to Antimicrobial and Cytotoxic Agents. <i>Biomolecules</i> , 2019 , 10,	5.9	12
88	Phenolic N-monosubstituted carbamates: Antitubercular and toxicity evaluation of multi-targeting compounds. <i>European Journal of Medicinal Chemistry</i> , 2019 , 181, 111578	6.8	7
87	2-Hydroxy--phenylbenzamides and Their Esters Inhibit Acetylcholinesterase and Butyrylcholinesterase. <i>Biomolecules</i> , 2019 , 9,	5.9	6
86	Design, synthesis and antimycobacterial activity of hybrid molecules combining pyrazinamide with a 4-phenylthiazol-2-amine scaffold. <i>MedChemComm</i> , 2018 , 9, 685-696	5	13
85	New lipophilic isoniazid derivatives and their 1,3,4-oxadiazole analogues: Synthesis, antimycobacterial activity and investigation of their mechanism of action. <i>European Journal of Medicinal Chemistry</i> , 2018 , 151, 824-835	6.8	17
84	Triclosan and its derivatives as antimycobacterial active agents. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 114, 318-331	5.1	14
83	Investigation of salicylanilide and 4-chlorophenol-based N-monosubstituted carbamates as potential inhibitors of acetyl- and butyrylcholinesterase. <i>Bioorganic Chemistry</i> , 2018 , 80, 668-673	5.1	8
82	In vitro activity of salicylamide derivatives against vancomycin-resistant enterococci. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 2184-2188	2.9	7
81	Novel salicylanilides from 4,5-dihalogenated salicylic acids: Synthesis, antimicrobial activity and cytotoxicity. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 1524-1532	3.4	8
80	Synthesis of readily available fluorophenylalanine derivatives and investigation of their biological activity. <i>Bioorganic Chemistry</i> , 2017 , 71, 244-256	5.1	5
79	Antimicrobial activity of rhodanine-3-acetic acid derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 1839-1845	3.4	19
78	In vitro biological evaluation of new antimycobacterial salicylanilide-tuftsin conjugates. <i>European Journal of Medicinal Chemistry</i> , 2017 , 133, 152-173	6.8	13
77	Synthesis and biological evolution of hydrazones derived from 4-(trifluoromethyl)benzohydrazide. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 5185-5189	2.9	20
76	Novel Sulfamethoxazole Ureas and Oxalamide as Potential Antimycobacterial Agents. <i>Molecules</i> , 2017 , 22,	4.8	7
75	Sulfadiazine Salicylaldehyde-Based Schiff Bases: Synthesis, Antimicrobial Activity and Cytotoxicity. <i>Molecules</i> , 2017 , 22,	4.8	40
74	Salicylanilide N-monosubstituted carbamates: Synthesis and in vitro antimicrobial activity. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 1322-30	3.4	24
73	Sulphur-Containing Heterocycles as Antimycobacterial Agents: Recent Advances in Thiophene and Thiadiazole Derivatives. <i>Current Topics in Medicinal Chemistry</i> , 2016 , 16, 2921-2952	3	20
72	Novel Cholinesterase Inhibitors Based on O-Aromatic N,N-Disubstituted Carbamates and Thiocarbamates. <i>Molecules</i> , 2016 , 21,	4.8	24

71	Synthesis and in vitro evaluation of novel rhodanine derivatives as potential cholinesterase inhibitors. <i>Bioorganic Chemistry</i> , 2016 , 68, 23-9	5.1	17
70	Conformations, equilibrium thermodynamics and rotational barriers of secondary thiobenzanilides. <i>Tetrahedron</i> , 2016 , 72, 2072-2083	2.4	6
69	Combating highly resistant emerging pathogen <i>Mycobacterium abscessus</i> and <i>Mycobacterium tuberculosis</i> with novel salicylanilide esters and carbamates. <i>European Journal of Medicinal Chemistry</i> , 2015 , 101, 692-704	6.8	22
68	Salicylanilide carbamates: Promising antibacterial agents with high in vitro activity against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 77, 197-207	5.1	39
67	Novel derivatives of nitro-substituted salicylic acids: Synthesis, antimicrobial activity and cytotoxicity. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 7292-301	3.4	8
66	Salicylanilide diethyl phosphates as cholinesterases inhibitors. <i>Bioorganic Chemistry</i> , 2015 , 58, 48-52	5.1	15
65	In vitro bactericidal activity of 4- and 5-chloro-2-hydroxy-N-[1-oxo-1-(phenylamino)alkan-2-yl]benzamides against MRSA. <i>BioMed Research International</i> , 2015 , 2015, 349534	3	22
64	Synthesis and antimicrobial activity of sulphamethoxazole-based ureas and imidazolidine-2,4,5-triones. <i>Chemical Papers</i> , 2015 , 69,	1.9	4
63	Synthesis and in vitro biological evaluation of 2-(phenylcarbamoyl)phenyl 4-substituted benzoates. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 868-75	3.4	15
62	Investigation of potential inhibitors of chorismate-utilizing enzymes. <i>Current Medicinal Chemistry</i> , 2015 , 22, 1383-99	4.3	4
61	Salicylanilide pyrazinoates inhibit in vitro multidrug-resistant <i>Mycobacterium tuberculosis</i> strains, atypical mycobacteria and isocitrate lyase. <i>European Journal of Pharmaceutical Sciences</i> , 2014 , 53, 1-9	5.1	18
60	Salicylanilide diethyl phosphates: synthesis, antimicrobial activity and cytotoxicity. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 728-37	3.4	14
59	Synthesis and biological activity of new salicylanilide N,N-disubstituted carbamates and thiocarbamates. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 4073-82	3.4	21
58	Salicylanilide diethyl phosphates as potential inhibitors of some mycobacterial enzymes. <i>Scientific World Journal, The</i> , 2014 , 2014, 703053	2.2	6
57	Synthesis and antimycobacterial and photosynthesis-inhibiting evaluation of 2-[(E)-2-substituted-ethenyl]-1,3-benzoxazoles. <i>Scientific World Journal, The</i> , 2014 , 2014, 705973	2.2	6
56	N-substituted 2-isonicotinoylhydrazinocarboxamides--new antimycobacterial active molecules. <i>Molecules</i> , 2014 , 19, 3851-68	4.8	12
55	Diethyl 2-(phenylcarbamoyl)phenyl phosphorothioates: synthesis, antimycobacterial activity and cholinesterase inhibition. <i>Molecules</i> , 2014 , 19, 7152-68	4.8	10
54	Preparation, in vitro evaluation and molecular modelling of pyridinium-quinolinium/isoquinolinium non-symmetrical bisquaternary cholinesterase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 6663-6	2.9	9

53	New derivatives of salicylamides: Preparation and antimicrobial activity against various bacterial species. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 6574-81	3.4	38
52	Vibrational spectroscopic investigations and computational study of 5-chloro-2-[4-(trifluoromethyl)phenylcarbamoyl]phenyl acetate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 112, 161-8	4.4	15
51	Antibacterial activity of salicylanilide 4-(trifluoromethyl)-benzoates. <i>Molecules</i> , 2013 , 18, 3674-88	4.8	28
50	Antimycobacterial activity of quaternary pyridinium salts and pyridinium N-oxides--review. <i>Current Pharmaceutical Design</i> , 2013 , 19, 1343-55	3.3	17
49	Antimicrobial activity of sulfonamides containing 5-chloro-2-hydroxybenzaldehyde and 5-chloro-2-hydroxybenzoic acid scaffold. <i>European Journal of Medicinal Chemistry</i> , 2012 , 50, 433-40	6.8	59
48	Vibrational spectroscopic studies and computational calculations of 5-chloro-2-(3-chlorophenylcarbamoyl)phenylacetate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 89, 308-16	4.4	8
47	Salicylanilide derivatives block Mycobacterium tuberculosis through inhibition of isocitrate lyase and methionine aminopeptidase. <i>Tuberculosis</i> , 2012 , 92, 434-9	2.6	59
46	Antioxidant Polymers by Chitosan Modification 2012 , 115-131		
45	Synthesis and in vitro antimycobacterial activity of 2-methoxybenzanilides and their thioxo analogues. <i>European Journal of Medicinal Chemistry</i> , 2012 , 56, 387-95	6.8	8
44	Synthesis and in vitro antimycobacterial and isocitrate lyase inhibition properties of novel 2-methoxy-2-[hydroxybenzanilides, their thioxo analogues and benzoxazoles. <i>European Journal of Medicinal Chemistry</i> , 2012 , 56, 108-19	6.8	17
43	Antifungal Activity of Salicylanilides and Their Esters with 4-(Trifluoromethyl)benzoic Acid. <i>Molecules</i> , 2012 , 17, 9426-42	4.8	29
42	Acetylcholinesterase-inhibiting activity of salicylanilide N-alkylcarbamates and their molecular docking. <i>Molecules</i> , 2012 , 17, 10142-58	4.8	33
41	In vitro antibacterial and antifungal activity of salicylanilide benzoates. <i>Scientific World Journal, The</i> , 2012 , 2012, 290628	2.2	10
40	Antimycobacterial activity of salicylanilide benzenesulfonates. <i>Molecules</i> , 2012 , 17, 492-503	4.8	11
39	Antimycobacterial assessment of Salicylanilide benzoates including multidrug-resistant tuberculosis strains. <i>Molecules</i> , 2012 , 17, 12812-20	4.8	12
38	Advances in mycobacterial isocitrate lyase targeting and inhibitors. <i>Current Medicinal Chemistry</i> , 2012 , 19, 6126-37	4.3	30
37	In vitro antibacterial and antifungal activity of salicylanilide pyrazine-2-carboxylates. <i>Medicinal Chemistry</i> , 2012 , 8, 732-41	1.8	9
36	Antistaphylococcal activity of novel salicylanilide derivatives. <i>Current Drug Discovery Technologies</i> , 2012 , 9, 39-47	1.5	1

35	Investigating spectrum of biological activity of 4- and 5-chloro-2-hydroxy-N-[2-(arylamino)-1-alkyl-2-oxoethyl]benzamides. <i>Molecules</i> , 2011 , 16, 2414-30	4.8	31
34	Crystallization products of risedronate with carbohydrates and their substituted derivatives. <i>Molecules</i> , 2011 , 16, 3740-60	4.8	6
33	New fluorine-containing hydrazones active against MDR-tuberculosis. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 4937-45	6.8	48
32	New series of isoniazid hydrazones linked with electron-withdrawing substituents. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 5902-9	6.8	34
31	Photosynthesis-Inhibiting efficiency of 4-chloro-2-(chlorophenylcarbamoyl)phenyl alkylcarbamates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 4564-7	2.9	34
30	Cytotoxicity decreasing effect and antimycobacterial activity of chitosan conjugated with antituberculous drugs. <i>Carbohydrate Polymers</i> , 2011 , 83, 1901-1907	10.3	6
29	Salicylanilide ester prodrugs as potential antimicrobial agents--a review. <i>Current Pharmaceutical Design</i> , 2011 , 17, 3494-505	3.3	51
28	Antiviral activity of substituted salicylanilides--a review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2011 , 11, 956-67	3.2	22
27	Chitosan derivatives with antimicrobial, antitumour and antioxidant activities--a review. <i>Current Pharmaceutical Design</i> , 2011 , 17, 3596-607	3.3	196
26	Prodrug design of phenolic drugs. <i>Current Pharmaceutical Design</i> , 2010 , 16, 2033-52	3.3	43
25	Synthetic route for the preparation of 2-hydroxy-N-[1-(2-hydroxyphenylamino)-1-oxoalkan-2-yl]benzamides. <i>ACS Combinatorial Science</i> , 2010 , 12, 414-6		12
24	Spectroscopic investigations and computational study of 2-[acetyl(4-bromophenyl)carbamoyl]-4-chlorophenyl acetate. <i>Journal of Raman Spectroscopy</i> , 2010 , 41, 707-716	2.3	31
23	An unprecedented rearrangement of salicylanilide derivatives: imidazolinone intermediate formation. <i>Tetrahedron Letters</i> , 2010 , 51, 23-26	2	5
22	Salicylanilide carbamates: antitubercular agents active against multidrug-resistant Mycobacterium tuberculosis strains. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 1054-61	3.4	32
21	New amino acid esters of salicylanilides active against MDR-TB and other microbes. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 6106-13	6.8	28
20	FT-IR, FT-Raman and DFT calculations of the salicylanilide derivate 4-chloro-2-(4-bromophenylcarbamoyl)phenyl acetate. <i>Journal of Raman Spectroscopy</i> , 2009 , 40, 1211-1223	2.3	17
19	FT-IR, FT-Raman, and computational calculations of 4-chloro-2-(3-chlorophenyl carbamoyl)phenyl acetate. <i>Journal of Raman Spectroscopy</i> , 2009 , 40, 2176-2186	2.3	25
18	New antitubercotics originated from salicylanilides with promising in vitro activity against atypical mycobacterial strains. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 3572-9	3.4	41

17	FT-IR, FT-Raman and DFT calculations of 4-chloro-2-(3,4-dichlorophenylcarbamoyl)phenyl acetate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009 , 72, 547-53	4.4	57
16	Salicylanilide esters of N-protected amino acids as novel antimicrobial agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 348-51	2.9	39
15	Recent Advances on Isoniazide Derivatives. <i>Anti-Infective Agents in Medicinal Chemistry</i> , 2008 , 7, 12-31		27
14	Study of Stability of New Mutual Prodrugs with Antimycobacterial Activity. <i>Current Organic Chemistry</i> , 2008 , 12, 667-674	1.7	2
13	Synthesis and antimycobacterial evaluation of substituted pyrazinecarboxamides. <i>European Journal of Medicinal Chemistry</i> , 2008 , 43, 1105-13	6.8	52
12	A new modification of anti-tubercular active molecules. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 2551-9	3.4	89
11	5,7-Di-tert-butyl-2-(2-pyridyl)benzo[d]oxazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o2802-o2803		2
10	Salicylanilide acetates: synthesis and antibacterial evaluation. <i>Molecules</i> , 2007 , 12, 1-12	4.8	35
9	Substituted pyrazinecarboxamides: synthesis and biological evaluation. <i>Molecules</i> , 2006 , 11, 242-56	4.8	41
8	Synthesis and antimicrobial evaluation of new 2-substituted 5,7-di-tert-butylbenzoxazoles. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 5850-65	3.4	91
7	Salicylanilide esterification: unexpected formation of novel seven-membered rings. <i>Tetrahedron Letters</i> , 2006 , 47, 5007-5011	2	18
6	Highly lipophilic benzoxazoles with potential antibacterial activity. <i>Molecules</i> , 2005 , 10, 783-93	4.8	49
5	Cyclic Dipeptides with 1-Aminocyclopropane-1-carboxylic Acid. <i>Collection of Czechoslovak Chemical Communications</i> , 1997 , 62, 941-947		3
4	Effect of alaptide, its analogues and oxiracetam on memory for an elevated plus-maze in mice. <i>European Journal of Pharmacology</i> , 1996 , 314, 1-7	5.3	15
3	Spirocyclic Dipeptides of 1-Amino-1-cyclohexanecarboxylic Acid. <i>Collection of Czechoslovak Chemical Communications</i> , 1994 , 59, 195-202		3
2	Synthesis and Antiproliferative Activity of Spirocyclic Cyclodipeptides, Derivatives of 1-Amino-1-cyclobutanecarboxylic Acid. <i>Collection of Czechoslovak Chemical Communications</i> , 1993 , 58, 2987-2993		6
1	Antimycobacterial derivatives of tetrazole. <i>Collection of Czechoslovak Chemical Communications</i> , 1991 , 56, 2389-2394		6