

# Giovanni Lentini

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/995292/publications.pdf>

Version: 2024-02-01

118  
papers

3,113  
citations

186265

28  
h-index

182427

51  
g-index

125  
all docs

125  
docs citations

125  
times ranked

4035  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Fpocket: An open source platform for ligand pocket detection. BMC Bioinformatics, 2009, 10, 168.   | 2.6 | 980       |
| 2  | The Chemistry and Pharmacology of Citrus Limonoids. Molecules, 2016, 21, 1530.   | 3.8 | 121       |
| 3  | Ligand efficiency metrics in drug discovery: the pros and cons from a practical perspective. Expert Opinion on Drug Discovery, 2017, 12, 1087-1104.  | 5.0 | 75        |
| 4  | A Mini-Review on Thalidomide: Chemistry, Mechanisms of Action, Therapeutic Potential and Anti-Angiogenic Properties in Multiple Myeloma. Current Medicinal Chemistry, 2017, 24, 2736-2744.                 | 2.4 | 71        |
| 5  | The Therapeutic Potential of Rutin for Diabetes: An Update. Mini-Reviews in Medicinal Chemistry, 2015, 15, 524-528.  | 2.4 | 66        |
| 6  | Plant-Derived Anticancer Agents: Lessons from the Pharmacology of Geniposide and Its Aglycone, Genipin. Biomedicines, 2018, 6, 39.   | 3.2 | 60        |
| 7  | Optically Active Mexiletine Analogues as Stereoselective Blockers of Voltage-Gated Na <sup>+</sup> Channels. Journal of Medicinal Chemistry, 2003, 46, 5238-5248.  | 6.4 | 57        |
| 8  | Targeting the pregnane X receptor using microbial metabolite mimicry. EMBO Molecular Medicine, 2020, 12, e11621.   | 6.9 | 53        |
| 9  | Phytochemical, Antioxidant and Anti- $\alpha$ -glucosidase Activity Evaluations of <i>Bergenia cordifolia</i> . Phytotherapy Research, 2012, 26, 908-914.  | 5.8 | 51        |
| 10 | Stereospecific synthesis of mexiletine and related compounds: Mitsunobu versus Williamson reaction. Tetrahedron: Asymmetry, 2000, 11, 3619-3634.   | 1.8 | 47        |
| 11 | Old Drug Scaffold, New Activity: Thalidomide-Related Compounds Exert Different Effects on Breast Cancer Cell Growth and Progression. ChemMedChem, 2017, 12, 381-389.                                       | 3.2 | 44        |
| 12 | New N-(phenoxydecyl)phthalimide derivatives displaying potent inhibition activity towards $\alpha$ -glucosidase. Bioorganic and Medicinal Chemistry, 2010, 18, 5903-5914.                                  | 3.0 | 42        |
| 13 | Stereoselective effects of mexiletine enantiomers on sodium currents and excitability characteristics of adult skeletal muscle fibers. Naunyn-Schmiedeberg's Archives of Pharmacology, 1995, 352, 653-661. | 3.0 | 41        |
| 14 | Molecular determinants of mexiletine structure for potent and use-dependent block of skeletal muscle sodium channels. Molecular Pharmacology, 2000, 57, 268-77.  | 2.3 | 41        |
| 15 | COVID-19, Chloroquine Repurposing, and Cardiac Safety Concern: Chirality Might Help. Molecules, 2020, 25, 1834.  | 3.8 | 37        |
| 16 | Synthesis of (R)-, (S)-, and (RS)-hydroxymethylmexiletine, one of the major metabolites of mexiletine. Tetrahedron: Asymmetry, 2007, 18, 2409-2417.  | 1.8 | 35        |
| 17 | Inhibition of hERG potassium channel by the antiarrhythmic agent mexiletine and its metabolite $\alpha$ -hydroxymexiletine. Pharmacology Research and Perspectives, 2015, 3, e00160.                       | 2.4 | 35        |
| 18 | Inhibition of frog skeletal muscle sodium channels by newly synthesized chiral derivatives of mexiletine and tocainide. Naunyn-Schmiedeberg's Archives of Pharmacology, 1997, 356, 777-787.                | 3.0 | 34        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | One-step synthesis of homochiral O-aryl and O-heteroaryl mandelic acids and their use as efficient 1H NMR chiral solvating agents. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1984-1991.   | 1.8 | 33        |
| 20 | Human ether-Å-go-go-related potassium channel: exploring SAR to improve drug design. <i>Drug Discovery Today</i> , 2020, 25, 344-366.   | 6.4 | 33        |
| 21 | Structure-Based Prediction of hERG-Related Cardiotoxicity: A Benchmark Study. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 4758-4770.  | 5.4 | 33        |
| 22 | Design, synthesis, and pharmacological effects of structurally simple ligands for MT1 and MT2 melatonin receptors. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 6496-6511.   | 3.0 | 32        |
| 23 | Optimal Requirements for High Affinity and Use-Dependent Block of Skeletal Muscle Sodium Channel by N-Benzyl Analogs of Tocainide-Like Compounds. <i>Molecular Pharmacology</i> , 2003, 64, 932-945.  | 2.3 | 30        |
| 24 | Ultrasound and deep eutectic solvents: An efficient combination to tune the mechanism of steviol glycosides extraction. <i>Ultrasonics Sonochemistry</i> , 2020, 69, 105255.  | 8.2 | 30        |
| 25 | Stereospecific synthesis and absolute configuration of mexiletine. <i>Chirality</i> , 1994, 6, 590-595.   | 2.6 | 29        |
| 26 | Facile entry to (?)-(R)- and (+)-(S)-mexiletine. , 2000, 12, 103-106.   |     | 29        |
| 27 | Inhibition of skeletal muscle sodium currents by mexiletine analogues: specific hydrophobic interactions rather than lipophilia per se account for drug therapeutic profile. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2003, 367, 318-327.            | 3.0 | 29        |
| 28 | N-(Phenoxyalkyl)amides as MT1 and MT2 ligands: Antioxidant properties and inhibition of Ca <sup>2+</sup> /CaM-dependent kinase II. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 847-851.   | 3.0 | 29        |
| 29 | Combined Modifications of Mexiletine Pharmacophores for New Lead Blockers of Nav1.4 Channels. <i>Biophysical Journal</i> , 2013, 104, 344-354.  | 0.5 | 29        |
| 30 | Antimicrobial and Antibiofilm Activities of Citrus Water-Extracts Obtained by Microwave-Assisted and Conventional Methods. <i>Biomedicines</i> , 2018, 6, 70.   | 3.2 | 29        |
| 31 | Molecular insights into the local anesthetic receptor within voltage-gated sodium channels using hydroxylated analogs of mexiletine. <i>Frontiers in Pharmacology</i> , 2012, 3, 17.  | 3.5 | 28        |
| 32 | Synthesis and Toxicopharmacological Evaluation of <i>m</i> -Hydroxymexiletine, the First Metabolite of Mexiletine More Potent Than the Parent Compound on Voltage-Gated Sodium Channels. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 1418-1422.               | 6.4 | 28        |
| 33 | Evaluation of the antimyotonic activity of mexiletine and some new analogs on sodium currents of single muscle fibers and on the abnormal excitability of the myotonic ADR mouse. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1997, 282, 93-100. | 2.5 | 28        |
| 34 | New potent mexiletine and tocainide analogues evaluated in vivo and in vitro as antimyotonic agents on the myotonic ADR mouse. <i>Neuromuscular Disorders</i> , 2004, 14, 405-416.  | 0.6 | 27        |
| 35 | Recent Trends and Future Prospects in Computational GPCR Drug Discovery: From Virtual Screening to Polypharmacology. <i>Current Topics in Medicinal Chemistry</i> , 2013, 13, 1069-1097.  | 2.1 | 27        |
| 36 | Stereospecific synthesis of <i>para</i> -hydroxymexiletine and sodium channel blocking activity evaluation. <i>Chirality</i> , 2004, 16, 72-78.   | 2.6 | 26        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Evaluation of the pharmacological activity of the major mexiletine metabolites on skeletal muscle sodium currents. <i>British Journal of Pharmacology</i> , 2006, 149, 300-310.  | 5.4 | 26        |
| 38 | Facile, alternative route to Lubeluzole, its enantiomer, and the racemate. <i>Chirality</i> , 2006, 18, 227-231.   | 2.6 | 26        |
| 39 | Optimization of Microwave-Assisted Extraction of Antioxidants from Bamboo Shoots of <i>Phyllostachys pubescens</i> . <i>Molecules</i> , 2020, 25, 215.   | 3.8 | 25        |
| 40 | Synthesis and evaluation of berberine derivatives and analogs as potential antiacetylcholinesterase and antioxidant agents. <i>Phytochemistry Letters</i> , 2016, 18, 150-156.   | 1.2 | 23        |
| 41 | Nitro-substituted tetrahydroindolizines and homologs: Design, kinetics, and mechanism of $\beta$ -glucosidase inhibition. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3980-3986.   | 2.2 | 23        |
| 42 | Novel lysophosphatidic acid receptor 6 antagonists inhibit hepatocellular carcinoma growth through affecting mitochondrial function. <i>Journal of Molecular Medicine</i> , 2020, 98, 179-191.   | 3.9 | 22        |
| 43 | Synthesis of New 2,6-Prolylxylidide Analogues of Tocainide as Stereoselective Blockers of Voltage-Gated Na <sup>+</sup> Channels with Increased Potency and Improved Use-Dependent Activity. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 3792-3798.      | 6.4 | 21        |
| 44 | From Riluzole to Dextrampipexole via Substituted-Benzothiazole Derivatives for Amyotrophic Lateral Sclerosis Disease Treatment: Case Studies. <i>Molecules</i> , 2020, 25, 3320.   | 3.8 | 21        |
| 45 | Increased rigidity of the chiral centre of tocainide favours stereoselectivity and use-dependent block of skeletal muscle Na <sup>+</sup> channels enhancing the antimyotonic activity in vivo. <i>British Journal of Pharmacology</i> , 2001, 134, 1523-1531. | 5.4 | 19        |
| 46 | Synthesis and in vitro sodium channel blocking activity evaluation of novel homochiral mexiletine analogs. <i>Chirality</i> , 2010, 22, 299-307.   | 2.6 | 19        |
| 47 | Searching for new antiarrhythmic agents: Evaluation of $\Delta$ meta-hydroxymexiletine enantiomers. <i>European Journal of Medicinal Chemistry</i> , 2013, 65, 511-516.  | 5.5 | 19        |
| 48 | Synthesis, antiarrhythmic activity, and toxicological evaluation of mexiletine analogues. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 300-307.   | 5.5 | 19        |
| 49 | New doxorubicin nanocarriers based on cyclodextrins. <i>Investigational New Drugs</i> , 2017, 35, 539-544.   | 2.6 | 19        |
| 50 | Molecular determinants of state-dependent block of voltage-gated sodium channels by pilsicainide. <i>British Journal of Pharmacology</i> , 2010, 160, 1521-1533.   | 5.4 | 18        |
| 51 | Structure-Based Identification and Design of Angiotensin Converting Enzyme-Inhibitory Peptides from Whey Proteins. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 541-548.  | 5.2 | 18        |
| 52 | Personalized Medicine in Mitochondrial Health and Disease: Molecular Basis of Therapeutic Approaches Based on Nutritional Supplements and Their Analogs. <i>Molecules</i> , 2022, 27, 3494.  | 3.8 | 18        |
| 53 | Homologation of mexiletine alkyl chain and stereoselective blockade of skeletal muscle sodium channels. <i>European Journal of Medicinal Chemistry</i> , 2000, 35, 147-156.  | 5.5 | 15        |
| 54 | Increased hindrance on the chiral carbon atom of mexiletine enhances the block of rat skeletal muscle Na <sup>+</sup> channels in a model of myotonia induced by ATX. <i>British Journal of Pharmacology</i> , 1999, 128, 1165-1174.                           | 5.4 | 14        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 55 | Chiral Aryloxyalkylamines: Selective 5-HT <sub>1B/1D</sub> Activation and Analgesic Activity. <i>ChemMedChem</i> , 2010, 5, 696-704.  | 3.2 | 14        |
| 56 | Molecular Dissection of Lubeluzole Use-Dependent Block of Voltage-Gated Sodium Channels Discloses New Therapeutic Potentials. <i>Molecular Pharmacology</i> , 2013, 83, 406-415.  | 2.3 | 14        |
| 57 | Functionalized Dendrimer Platforms as a New Forefront Arsenal Targeting SARS-CoV-2: An Opportunity. <i>Pharmaceutics</i> , 2021, 13, 1513.  | 4.5 | 14        |
| 58 | Stereoselectivity in central analgesic action of tocainide and its analogs. <i>Chirality</i> , 1993, 5, 135-142.  | 2.6 | 13        |
| 59 | First synthesis and full characterization of mexiletine N-carboxyloxy $\beta$ -d-glucuronide. <i>Tetrahedron Letters</i> , 2010, 51, 5265-5268.   | 1.4 | 13        |
| 60 | Hydroxylated Analogs of Mexiletine as Tools for Structural Requirements Investigation of the Sodium Channel Blocking Activity. <i>Archiv Der Pharmazie</i> , 2010, 343, 325-332.  | 4.1 | 12        |
| 61 | A convenient synthesis of lubeluzole and its enantiomer: Evaluation as chemosensitizing agents on human ovarian adenocarcinoma and lung carcinoma cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4820-4823. | 2.2 | 12        |
| 62 | The chemosensitizing agent lubeluzole binds calmodulin and inhibits Ca <sup>2+</sup> /calmodulin-dependent kinase II. <i>European Journal of Medicinal Chemistry</i> , 2016, 116, 36-45.  | 5.5 | 12        |
| 63 | Dual Action of Mexiletine and Its Pyrroline Derivatives as Skeletal Muscle Sodium Channel Blockers and Anti-oxidant Compounds: Toward Novel Therapeutic Potential. <i>Frontiers in Pharmacology</i> , 2017, 8, 907.               | 3.5 | 12        |
| 64 | An Improved Synthesis of m-Hydroxymexiletine, a Potent Mexiletine Metabolite. <i>Drug Metabolism Letters</i> , 2012, 6, 124-128.  | 0.8 | 12        |
| 65 | Synthesis and Biological Evaluation of Chiral $\beta$ -Aminoanilides with Central Antinociceptive Activity. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 1907-1915.  | 6.4 | 11        |
| 66 | Facile Entry to Ethyl Tetrahydro-1H-pyrrolizin-7a(5H)-ylacetate: a Versatile Pharmaceutical Intermediate. <i>Heterocycles</i> , 2008, 75, 2193.   | 0.7 | 11        |
| 67 | Stereoselective Modulation of P-glycoprotein by Chiral Small Molecules. <i>ChemMedChem</i> , 2016, 11, 93-101.  | 3.2 | 10        |
| 68 | Molecular Insights into hERG Potassium Channel Blockade by Lubeluzole. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 2233-2245.   | 1.6 | 10        |
| 69 | Discovery of a new mexiletine-derived agonist of the hERG K <sup>+</sup> channel. <i>Biophysical Chemistry</i> , 2017, 229, 62-67.  | 2.8 | 9         |
| 70 | Xanthenylacetic Acid Derivatives Effectively Target Lysophosphatidic Acid Receptor 6 to Inhibit Hepatocellular Carcinoma Cell Growth. <i>ChemMedChem</i> , 2021, 16, 2121-2129.   | 3.2 | 9         |
| 71 | Antioxidant Activity of Uva di Troia Canosina: Comparison of Two Extraction Methods. <i>Clinical Immunology, Endocrine and Metabolic Drugs</i> , 2015, 2, 8-12.   | 0.3 | 8         |
| 72 | Molecular Simplification of Natural Products: Synthesis, Antibacterial Activity, and Molecular Docking Studies of Berberine Open Models. <i>Biomedicines</i> , 2021, 9, 452.  | 3.2 | 8         |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 73 | Recent Trends in the Discovery of Small Molecule Blockers of Sodium Channels. <i>Current Medicinal Chemistry</i> , 2016, 23, 2289-2332.   | 2.4  | 8         |
| 74 | Stereospecific Synthesis of m-Hydroxymexiletine Enantiomers. <i>Drug Metabolism Letters</i> , 2013, 6, 182-186.   | 0.8  | 8         |
| 75 | Positional isomers of mannose-quinoline conjugates and their copper complexes: exploring the biological activity. <i>New Journal of Chemistry</i> , 2018, 42, 8882-8890.  | 2.8  | 7         |
| 76 | Ebola therapy: Developing new drugs or repurposing old ones?. <i>International Journal of Cardiology</i> , 2015, 179, 325.  | 1.7  | 6         |
| 77 | Synthesis and Evaluation of Voltage-Gated Sodium Channel Blocking Pyrroline Derivatives Endowed with Both Antiarrhythmic and Antioxidant Activities. <i>ChemMedChem</i> , 2021, 16, 578-588.  | 3.2  | 6         |
| 78 | Lubeluzole: from anti-ischemic drug to preclinical antidiarrheal studies. <i>Pharmacological Reports</i> , 2021, 73, 172-184.   | 3.3  | 6         |
| 79 | Facile routes for the preparation of 3,4-disubstituted 1,3-oxazolidines and 1,2,5-trisubstituted imidazolidinones. <i>Journal of Heterocyclic Chemistry</i> , 2011, 48, 261-266.  | 2.6  | 5         |
| 80 | Preparation of (R)-2-(2,3,4,5,6-pentafluorophenoxy)-2-(phenyl-d5)acetic acid: an efficient 1H NMR chiral solvating agent for direct enantiomeric purity evaluation of quinoline-containing antimalarial drugs. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 1605-1611. | 1.8  | 5         |
| 81 | 2-Arylazetidines as ligands for nicotinic acetylcholine receptors. <i>Chemistry of Heterocyclic Compounds</i> , 2017, 53, 329-334.  | 1.2  | 5         |
| 82 | Targeting <i>Penicillium expansum</i> GMC Oxidoreductase with High Affinity Small Molecules for Reducing Patulin Production. <i>Biology</i> , 2021, 10, 21.   | 2.8  | 5         |
| 83 | Pilsicainide and Its Oxymethylene Analog: Facile Alternative Syntheses and in vitro Testing on Human Skeletal Muscle Sodium Channels. <i>Heterocycles</i> , 2007, 71, 2011.   | 0.7  | 4         |
| 84 | Microchip capillary electrophoresis-electrospray ionization mass spectrometry analysis of paracetamol metabolites in human urine: An intriguing case. <i>Journal of Chromatography A</i> , 2014, 1327, 160.   | 3.7  | 4         |
| 85 | Inhibition of voltage-gated sodium channels by sumatriptan bioisosteres. <i>Frontiers in Pharmacology</i> , 2015, 6, 155.   | 3.5  | 4         |
| 86 | Densely Functionalized 2-Methylideneazetidines: Evaluation as Antibacterials. <i>Molecules</i> , 2021, 26, 3891.  | 3.8  | 4         |
| 87 | Contribution to the study of 2-aryloxy-1-phenyl- and 2-aryloxy-2-phenylethanols. Differentiation by mass spectrometry.. <i>Journal of Mass Spectrometry</i> , 1998, 33, 486-487.  | 1.6  | 3         |
| 88 | An Improved Synthesis of m-Hydroxymexiletine, a Potent Mexiletine Metabolite. <i>Drug Metabolism Letters</i> , 2012, 6, 124-128.  | 0.8  | 3         |
| 89 | Microwave-Assisted Synthesis of $\alpha$ -methyl-2-aryloxy-1-phenylethanol. <i>Journal of Chemistry</i> , 2013, 2013, 1-6.  | 1.9  | 3         |
| 90 | Plotting intersections. <i>Nature Methods</i> , 2015, 12, 281-281.  | 19.0 | 3         |

| #   | ARTICLE   | IF   | CITATIONS |
|-----|---|------|-----------|
| 91  | Enzymatic Resolution of $\pm$ -Methyleneparaconic Acids and Evaluation of their Biological Activity. <i>Chirality</i> , 2015, 27, 239-246.  | 2.6  | 3         |
| 92  | A Focus on the Synthesis and Pharmacokinetics of Tocainide and its Analogues. <i>Current Medicinal Chemistry</i> , 2019, 25, 5822-5834.   | 2.4  | 3         |
| 93  | Repurposing therapeutic agents and herbal medicines to defeat viral nemesis. <i>Drug Development Research</i> , 2020, 81, 641-642.  | 2.9  | 3         |
| 94  | Inverse Virtual Screening for the rapid re-evaluation of the presumed biological safe profile of natural products. The case of steviol from <i>Stevia rebaudiana</i> glycosides on farnesoid X receptor (FXR). <i>Bioorganic Chemistry</i> , 2021, 111, 104897. | 4.1  | 3         |
| 95  | Bioisosteric Modification of To042: Synthesis and Evaluation of Promising Use-Dependent Inhibitors of Voltage-Gated Sodium Channels. <i>ChemMedChem</i> , 2021, 16, 3588-3599.  | 3.2  | 3         |
| 96  | G.P.14.11 Newly synthesized mexiletine and tocainide analogues are potent use-dependent blockers of skeletal muscle sodium channels: Potential implication for the antimyotonic activity. <i>Neuromuscular Disorders</i> , 2009, 19, 646.                       | 0.6  | 2         |
| 97  | Shouldn't enantiomeric purity be included in the 'minimum information about a bioactive entity'?. <i>Nature Reviews Drug Discovery</i> , 2012, 11, 730-730.   | 46.4 | 2         |
| 98  | Capillary Zone Electrophoresis for Separation and Quantitative Determination of Mexiletine and its Main Phase I Metabolites. <i>Drug Metabolism Letters</i> , 2013, 7, 52-57.   | 0.8  | 2         |
| 99  | Insights on Molecular Determinants of hERG K <sup>+</sup> Channel Inhibition: Design, Synthesis, and Biological Evaluation of Lubeluzole Derivatives. <i>Biophysical Journal</i> , 2015, 108, 582a.   | 0.5  | 2         |
| 100 | Did Ebola Survivors Use Plant Medicines, and if so, Which Ones?. <i>Phytotherapy Research</i> , 2015, 29, 632-632.  | 5.8  | 2         |
| 101 | Comment on <i>In Situ</i> Derivatization of ( <i>R,S</i> )-Mexiletine and Enantioseparation Using Micellar Liquid Chromatography: A Green Approach. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6424-6425.                                      | 6.7  | 2         |
| 102 | The Crystal Structure of N-[(2E)-3-(4-Chlorophenyl)prop-2-en-1-yl]-4-methoxy-N-methylbenzenesulfonamide. <i>Journal of Chemical Crystallography</i> , 2019, 49, 87-91.  | 1.1  | 2         |
| 103 | The effects of tocainide and its chiral analogs on sodium channels of human muscle. <i>Pharmacological Research</i> , 1990, 22, 95-96.  | 7.1  | 1         |
| 104 | Pharmacological differences between R(-) and S(+) tocainide*1. <i>Pharmacological Research</i> , 1992, 26, 91.  | 7.1  | 1         |
| 105 | Trivial, Common, and Systematic Chemical Names. <i>Journal of Chemical Education</i> , 2003, 80, 487.   | 2.3  | 1         |
| 106 | Microwave-Assisted Synthesis of KN-93, a Potent and Selective Inhibitor of Ca <sup>2+</sup> /Calmoduline-Dependent Protein Kinase II. <i>Synthesis</i> , 2010, 2010, 4193-4198.   | 2.3  | 1         |
| 107 | The therapeutic power of green. <i>Schizophrenia Research</i> , 2019, 210, 310.   | 2.0  | 1         |
| 108 | An improved synthesis of m-hydroxymexiletine, a potent mexiletine metabolite. <i>Drug Metabolism Letters</i> , 2012, 6, 124-8.  | 0.8  | 1         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 109 | Therapeutic effects of tocainide and mexiletine analogs on myotonic MTO and ADR mice. <i>Neuromuscular Disorders</i> , 1997, 7, 447.  | 0.6 | 0         |
| 110 | On the Stereochemistry of 'Natural' Amino Acids (re J. Chem. Educ. 2000, 77, 48-49). <i>Journal of Chemical Education</i> , 2002, 79, 558.  | 2.3 | 0         |
| 111 | P4.45 Evaluation of the dual action of new derivatives of mexiletine as use-dependent sodium channel blockers and antioxidant: potential therapeutic application in neuromuscular disorders. <i>Neuromuscular Disorders</i> , 2011, 21, 718.  | 0.6 | 0         |
| 112 | Crystal structure of N-(2-[[[(2E)-3-(4-chlorophenyl)-2-propenyl]-] Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 632 Td ((methyl)ammonio}methy phosphate â€” methanol (1:1), [C26H30ClN2SO4][H2PO4] Â· CH4O. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2012, 227, . | 0.3 | 0         |
| 113 | Molecular Determinants of Human Voltage-Gated Sodium Channels Blockade by Lubeluzole. <i>Biophysical Journal</i> , 2012, 102, 323a.   | 0.5 | 0         |
| 114 | P.12.12 Preclinical in vitro and in vivo evaluation of sodium channel blockers as possible alternative to mexiletine in the treatment of myotonia. <i>Neuromuscular Disorders</i> , 2013, 23, 808.  | 0.6 | 0         |
| 115 | The trivial names of citrus limonoids. <i>Food Chemistry</i> , 2017, 225, 288.  | 8.2 | 0         |
| 116 | Pyrroline Derivatives of Mexiletine-Like Compounds Have Dual Activity as Use-Dependent Sodium Channel Blockers and Antioxidant. <i>Biophysical Journal</i> , 2018, 114, 634a.   | 0.5 | 0         |
| 117 | (S)-Ethyl 2-(tert-butoxycarbonylamino)-3-(2-iodo-4,5-methylenedioxyphenyl)propanoate. <i>MolBank</i> , 2019, 2019, M1049.   | 0.5 | 0         |
| 118 | CHANNELOPATHIES AND RELATED DISORDERS. <i>Neuromuscular Disorders</i> , 2021, 31, S117.   | 0.6 | 0         |