# Katarina Nikolic

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11409195/publications.pdf

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|---|---|---|---|
| 30 papers | 1,332 citations | 516710 16 h-index | 454955 30 g-index |
| 31 all docs | 31 docs citations | 31 times ranked | 2591 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A perspective on multiâ€target drug discovery and design for complex diseases. Clinical and Translational Medicine, 2018, 7, 3. | 4.0 | 481 |
| 2 | Multitarget compounds bearing tacrine- and donepezil-like structural and functional motifs for the potential treatment of Alzheimer's disease. Progress in Neurobiology, 2017, 151, 4-34. | 5.7 | 128 |
| 3 | Design, synthesis, pharmacological evaluation, QSAR analysis, molecular modeling and ADMET of novel donepezilâ€“indolyl hybrids as multipotent cholinesterase/monoamine oxidase inhibitors for the potential treatment of Alzheimer's disease. European Journal of Medicinal Chemistry, 2014, 75, 82-95. | 5.5 | 109 |
| 4 | One for All? Hitting Multiple Alzheimer's Disease Targets with One Drug. Frontiers in Neuroscience, 2016, 10, 177. | 2.8 | 75 |
| 5 | In silico Methods for Design of Kinase Inhibitors as Anticancer Drugs. Frontiers in Chemistry, 2019, 7, 873. | 3.6 | 71 |
| 6 | Drug Design for CNS Diseases: Polypharmacological Profiling of Compounds Using Cheminformatic, 3D-QSAR and Virtual Screening Methodologies. Frontiers in Neuroscience, 2016, 10, 265. | 2.8 | 62 |
| 7 | N-Methyl-N-((1-methyl-5-(3-(1-(2-methylbenzyl)piperidin-4-yl)propoxy)-1H-indol-2-yl)methyl)prop-2-yn-1-amine, a New Cholinesterase and Monoamine Oxidase Dual Inhibitor. Journal of Medicinal Chemistry, 2014, 57, 10455-10463. | 6.4 | 56 |
| 8 | Multipotent cholinesterase/monoamine oxidase inhibitors for the treatment of Alzheimer’s disease: design, synthesis, biochemical evaluation, ADMET, molecular modeling, and QSAR analysis of novel donepezil-pyridyl hybrids. Drug Design, Development and Therapy, 2014, 8, 1893. | 4.3 | 35 |
| 9 | QSAR study of imidazoline antihypertensive drugs. Bioorganic and Medicinal Chemistry, 2008, 16, 7134-7140. | 3.0 | 30 |
| 10 | Procognitive Properties of Drugs with Single and Multitargeting H<sub>3</sub> Receptor Antagonist Activities. CNS Neuroscience and Therapeutics, 2014, 20, 613-623. | 3.9 | 29 |
| 11 | 17Î²-carboxamide steroids â€“ in vitro prediction of human skin permeability and retention using PAMPA technique. European Journal of Pharmaceutical Sciences, 2014, 52, 95-108. | 4.0 | 28 |
| 12 | Prediction of bloodâ€“brain barrier permeation of Î±-adrenergic and imidazoline receptor ligands using PAMPA technique and quantitative-structure permeability relationship analysis. European Journal of Pharmaceutical Sciences, 2015, 68, 94-105. | 4.0 | 28 |
| 13 | Partial Least Square and Hierarchical Clustering in ADMET Modeling: Prediction of Blood â€“ Brain Barrier Permeation of Î±-Adrenergic and Imidazoline Receptor Ligands. Journal of Pharmacy and Pharmaceutical Sciences, 2013, 16, 622. | 2.1 | 24 |
| 14 | Prediction of hepatic microsomal intrinsic clearance and human clearance values for drugs. Journal of Molecular Graphics and Modelling, 2009, 28, 245-252. | 2.4 | 22 |
| 15 | Biopartitioning micellar chromatography as a predictive tool for skin and corneal permeability of newly synthesized 17Î²-carboxamide steroids. European Journal of Pharmaceutical Sciences, 2014, 56, 105-112. | 4.0 | 20 |
| 16 | Pharmacophore Development and SAR Studies of Imidazoline Receptor Ligands. Mini-Reviews in Medicinal Chemistry, 2012, 12, 1542-1555. | 2.4 | 18 |
| 17 | Application of in vitro PAMPA technique and in silico computational methods for blood-brain barrier permeability prediction of novel CNS drug candidates. European Journal of Pharmaceutical Sciences, 2022, 168, 106056. | 4.0 | 18 |
| 18 | Predicting targets of compounds against neurological diseases using cheminformatic methodology. Journal of Computer-Aided Molecular Design, 2015, 29, 183-198. | 2.9 | 16 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Quantitative structureâ€mobility relationship analysis of imidazoline receptor ligands in <scp>CD</scp>sâ€mediated <scp>CE</scp>. Electrophoresis, 2013, 34, 471-482. | 2.4 | 13 |
| 20 | Pharmacophore modeling, drug design and virtual screening on multi-targeting procognitive agents approaching histaminergic pathways. Journal of the Taiwan Institute of Chemical Engineers, 2015, 46, 15-29. | 5.3 | 11 |
| 21 | Application of biopartitioning micellar chromatography and QSRR modeling for prediction of gastrointestinal absorption and design of novel Î²-hydroxy-Î²-arylalkanoic acids. European Journal of Pharmaceutical Sciences, 2017, 100, 280-284. | 4.0 | 10 |
| 22 | ESTIMATION OF LIPOPHILICITY AND RETENTION BEHAVIOR OF SOME ALPHA ADRENERGIC AND IMIDAZOLINE RECEPTOR LIGANDS USING RP-TLC. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 2829-2845. | 1.0 | 8 |
| 23 | The Quantitative Structureâ€“Retention Relationship (QSRR) Analysis of Some Centrally Acting Antihypertensives and Diuretics. QSAR and Combinatorial Science, 2008, 27, 1036-1044. | 1.4 | 7 |
| 24 | An Experimental Design Approach to Selecting the Optimum HPLC Conditions for the Determination of 2-Arylimidazoline Derivatives. Journal of Liquid Chromatography and Related Technologies, 2009, 32, 656-667. | 1.0 | 7 |
| 25 | Quantitative structure-retention relationship modeling of the retention behavior of guanidine and imidazoline derivatives in reversed-phase thin-layer chromatography. Journal of Planar Chromatography - Modern TLC, 2015, 28, 119-125. | 1.2 | 7 |
| 26 | In vitro prediction of gastrointestinal absorption of novel Î²-hydroxy-Î²-arylalkanoic acids using PAMPA technique. European Journal of Pharmaceutical Sciences, 2017, 100, 36-41. | 4.0 | 6 |
| 27 | Determination of Moxonidine and Its Impurities by Thin-Layer Chromatography. Journal of Liquid Chromatography and Related Technologies, 2015, 38, 1121-1125. | 1.0 | 4 |
| 28 | A Comparative Study of Chromatographic Behavior and Lipophilicity of Selected Imidazoline Derivatives. Journal of Chromatographic Science, 2016, 54, 1137-1145. | 1.4 | 3 |
| 29 | Evaluation of Biological Activity and Computerâ€Aided Design of New Soft Glucocorticoids. Archiv Der Pharmazie, 2017, 350, 1600383. | 4.1 | 3 |
| 30 | Current computer-aided drug design methodologies in discovery of novel drug candidates for neuropsychiatric and inflammatory diseases. Arhiv Za Farmaciju, 2021, 71, 225-256. | 0.5 | 0 |