

Anders KarlÃ©n

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,739
citations

759233

12
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

2072
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | The global preclinical antibacterial pipeline. <i>Nature Reviews Microbiology</i> , 2020, 18, 275-285. | 28.6 | 442 |
| 2 | Towards the sustainable discovery and development of new antibiotics. <i>Nature Reviews Chemistry</i> , 2021, 5, 726-749. | 30.2 | 439 |
| 3 | Correlation of Human Jejunal Permeability (in Vivo) of Drugs with Experimentally and Theoretically Derived Parameters. A Multivariate Data Analysis Approach. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 4939-4949. | 6.4 | 420 |
| 4 | SPR Biosensor Studies of the Direct Interaction between 27 Drugs and a Liposome Surface:Â Correlation with Fraction Absorbed in Humans. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 2083-2086. | 6.4 | 133 |
| 5 | Inhibitors of the C2-Symmetric HIV-1 Protease:â€ Nonsymmetric Binding of a Symmetric Cyclic Sulfamide with Ketoxime Groups in the P2/P2â€ Side Chains. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 4054-4061. | 6.4 | 53 |
| 6 | Docking of Macrocycles: Comparing Rigid and Flexible Docking in Glide. <i>Journal of Chemical Information and Modeling</i> , 2017, 57, 190-202. | 5.4 | 49 |
| 7 | Synthesis, biological evaluation and X-ray crystallographic studies of imidazo[1,2-a]pyridine-based <i>Mycobacterium tuberculosis</i> glutamine synthetase inhibitors. <i>MedChemComm</i> , 2012, 3, 620. | 3.4 | 29 |
| 8 | Insight into Î²-hairpin stability: a structural and thermodynamic study of diastereomeric Î²-hairpin mimetics Electronic supplementary information (ESI) available: temperature and concentration-dependent chemical shifts and melting curves of the investigated molecules in different solvents and details of the X-ray analysis. See http://www.rsc.org/suppdata/nj/b1/b111241d/ . <i>New Journal of Chemistry</i> , 2002, 26, 834-843. | 2.8 | 22 |
| 9 | Conformational analysis of macrocycles: comparing general and specialized methods. <i>Journal of Computer-Aided Molecular Design</i> , 2020, 34, 231-252. | 2.9 | 19 |
| 10 | Conformational analysis of the dopamine-receptor agonist 5-hydroxy-2-(dipropylamino)tetralin and its C(2)-methyl-substituted derivative. <i>Journal of Medicinal Chemistry</i> , 1986, 29, 917-924. | 6.4 | 17 |
| 11 | Interconversion of Functional Activity by Minor Structural Alterations in Nonpeptide AT₂ Receptor Ligands. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 178-182. | 2.8 | 15 |
| 12 | Novel Peptidomimetic Hepatitis C Virus NS3/4A Protease Inhibitors Spanning the P2â€P1â€ Region. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 249-254. | 2.8 | 13 |
| 13 | Optimization and Evaluation of 5-Styryl-Oxathiazol-2-one<i>Mycobacterium tuberculosis</i> Proteasome Inhibitors as Potential Antitubercular Agents. <i>ChemistryOpen</i> , 2015, 4, 342-362. | 1.9 | 13 |
| 14 | Predicting the Rate of Skin Penetration Using an Aggregated Conformal Prediction Framework. <i>Molecular Pharmaceutics</i> , 2017, 14, 1571-1576. | 4.6 | 11 |
| 15 | Design, synthesis and in vitro biological evaluation of oligopeptides targeting <i>E. coli</i> type I signal peptidase (LepB). <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 897-911. | 3.0 | 10 |
| 16 | Boronic ester-linked macrocyclic lipopeptides as serine protease inhibitors targeting <i>Escherichia coli</i> type I signal peptidase. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 1346-1360. | 5.5 | 10 |
| 17 | Antibacterial sulfonimidamide-based oligopeptides as type I signal peptidase inhibitors: Synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2021, 224, 113699. | 5.5 | 10 |
| 18 | Focused hierarchical design of peptide librariesâ€ follow the lead. <i>Journal of Chemometrics</i> , 2007, 21, 486-495. | 1.3 | 8 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Synthesis of <i>C₂</i> Symmetric Potential Inhibitors of HIV-1 Protease From D-Mannitol. Journal of Carbohydrate Chemistry, 1996, 15, 555-569. | 1.1 | 5 |
| 20 | Enantiomer separation of underivatized tocinide and related compounds by CGC using ammonia as carrier gas. Journal of Separation Science, 1996, 8, 151-156. | 1.0 | 4 |
| 21 | Vinylated linear P2 pyrimidinylphenylglycine based inhibitors of the HCV NS3/4A protease and corresponding macrocycles. Bioorganic and Medicinal Chemistry, 2014, 22, 6595-6615. | 3.0 | 4 |
| 22 | Bacterial type I signal peptidase inhibitors - Optimized hits from nature. European Journal of Medicinal Chemistry, 2022, 238, 114490. | 5.5 | 4 |
| 23 | Computational studies of molecular pre-organization through macrocyclization: Conformational distribution analysis of closely related non-macrocyclic and macrocyclic analogs. Bioorganic and Medicinal Chemistry, 2021, 49, 116399. | 3.0 | 3 |
| 24 | Circular dichroism spectroscopy of 2-aminotetralins. Chirality, 1995, 7, 82-89. | 2.6 | 2 |
| 25 | Synthesis and <i>In Vitro</i> Biological Evaluation of Quinoliny Pyrimidines Targeting Type II NADH-Dehydrogenase (NDH-2). ACS Infectious Diseases, 2022, 8, 482-498. | 3.8 | 2 |
| 26 | Stereoselectivity of Drug Receptor Interactions. Drug Information Journal, 1990, 24, 485-496. | 0.5 | 1 |
| 27 | Enantiomer separation of underivatized tocinide and related compounds by CGC using ammonia as carrier gas. Journal of Separation Science, 1996, 8, 151-156. | 1.0 | 1 |