# Anita RÃ¡cz

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1567598/publications.pdf

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|---|---|---|---|
| 36 papers | 1,610 citations | 516710 16 h-index | 395702 33 g-index |
| 37 all docs | 37 docs citations | 37 times ranked | 2091 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Why is Tanimoto index an appropriate choice for fingerprint-based similarity calculations?. Journal of Cheminformatics, 2015, 7, 20. | 6.1 | 775 |
| 2 | Effect of Dataset Size and Train/Test Split Ratios in QSAR/QSPR Multiclass Classification. Molecules, 2021, 26, 1111. | 3.8 | 106 |
| 3 | Consistency of QSAR models: Correct split of training and test sets, ranking of models and performance parameters. SAR and QSAR in Environmental Research, 2015, 26, 683-700. | 2.2 | 85 |
| 4 | Life beyond the Tanimoto coefficient: similarity measures for interaction fingerprints. Journal of Cheminformatics, 2018, 10, 48. | 6.1 | 77 |
| 5 | Multi-Level Comparison of Machine Learning Classifiers and Their Performance Metrics. Molecules, 2019, 24, 2811. | 3.8 | 61 |
| 6 | Multivariate assessment of lipophilicity scalesâ€"computational and reversed phase thin-layer chromatographic indices. Journal of Pharmaceutical and Biomedical Analysis, 2016, 127, 81-93. | 2.8 | 54 |
| 7 | Intercorrelation Limits in Molecular Descriptor Preselection for QSAR/QSPR. Molecular Informatics, 2019, 38, e1800154. | 2.5 | 34 |
| 8 | Modelling methods and cross-validation variants in QSAR: a multi-level analysis<sup>$</sup>. SAR and QSAR in Environmental Research, 2018, 29, 661-674. | 2.2 | 32 |
| 9 | Is soft independent modeling of class analogies a reasonable choice for supervised pattern recognition?. RSC Advances, 2018, 8, 10-21. | 3.6 | 30 |
| 10 | Chemical Data Formats, Fingerprints, and Other Molecular Descriptions for Database Analysis and Searching. , 2017, , 329-378. | | 27 |
| 11 | Quantitative determination of coenzyme Q10 from dietary supplements by FT-NIR spectroscopy and statistical analysis. Analytical and Bioanalytical Chemistry, 2015, 407, 2887-2898. | 3.7 | 25 |
| 12 | Extended similarity indices: the benefits of comparing more than two objects simultaneously. Part 1: Theory and characteristicsâ€. Journal of Cheminformatics, 2021, 13, 32. | 6.1 | 25 |
| 13 | Extended similarity indices: the benefits of comparing more than two objects simultaneously. Part 2: speed, consistency, diversity selection. Journal of Cheminformatics, 2021, 13, 33. | 6.1 | 24 |
| 14 | Machine learning models for classification tasks related to drug safety. Molecular Diversity, 2021, 25, 1409-1424. | 3.9 | 24 |
| 15 | Comparison of antioxidant capacity assays with chemometric methods. Analytical Methods, 2015, 7, 4216-4224. | 2.7 | 23 |
| 16 | Comparison of Descriptor- and Fingerprint Sets in Machine Learning Models for ADME-Tox Targets. Frontiers in Chemistry, 0, 10, . | 3.6 | 21 |
| 17 | Quantitative determination and classification of energy drinks using near-infrared spectroscopy. Analytical and Bioanalytical Chemistry, 2016, 408, 6403-6411. | 3.7 | 20 |
| 18 | Binary similarity measures for fingerprint analysis of qualitative metabolomic profiles. Metabolomics, 2018, 14, 29. | 3.0 | 17 |

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|---|---|---|---|
| 19 | Large-scale evaluation of cytochrome P450 2C9 mediated drug interaction potential with machine learning-based consensus modeling. Journal of Computer-Aided Molecular Design, 2020, 34, 831-839. | 2.9 | 17 |
| 20 | Multicriteria decision making for evergreen problems in food science by sum of ranking differences. Food Chemistry, 2021, 344, 128617. | 8.2 | 16 |
| 21 | Comparison of Data Fusion Methods as Consensus Scores for Ensemble Docking. Molecules, 2019, 24, 2690. | 3.8 | 14 |
| 22 | Comparison of sensory evaluation techniques for Hungarian wines. Journal of Chemometrics, 2020, 34, e3219. | 1.3 | 13 |
| 23 | Differential Consistency Analysis: Which Similarity Measures can be Applied in Drug Discovery?. Molecular Informatics, 2021, 40, e2060017. | 2.5 | 12 |
| 24 | Classification of Hungarian medieval silver coins using x-ray fluorescent spectroscopy and multivariate data analysis. Heritage Science, 2013, 1, . | 2.3 | 10 |
| 25 | Extended many-item similarity indices for sets of nucleotide and protein sequences. Computational and Structural Biotechnology Journal, 2021, 19, 3628-3639. | 4.1 | 10 |
| 26 | Molecular Dynamics Simulations and Diversity Selection by Extended Continuous Similarity Indices. Journal of Chemical Information and Modeling, 2022, 62, 3415-3425. | 5.4 | 9 |
| 27 | Development and comparison of regression models for the determination of quality parameters in margarine spread samples using NIR spectroscopy. Analytical Methods, 2018, 10, 3089-3099. | 2.7 | 7 |
| 28 | Extended continuous similarity indices: theory and application for QSAR descriptor selection. Journal of Computer-Aided Molecular Design, 2022, 36, 157-173. | 2.9 | 7 |
| 29 | Effects of aging in oak barrels on the trans-resveratrol and anthocyanin concentration of red wines from Hungary. Acta Alimentaria, 2019, 48, 349-357. | 0.7 | 6 |
| 30 | A corneal-PAMPA-based in silico model for predicting corneal permeability. Journal of Pharmaceutical and Biomedical Analysis, 2021, 203, 114218. | 2.8 | 6 |
| 31 | Discovery of d-amino acid oxidase inhibitors based on virtual screening against the lid-open enzyme conformation. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1693-1698. | 2.2 | 4 |
| 32 | Comprehensive chemometric classification of snack products based on their near infrared spectra. LWT - Food Science and Technology, 2020, 133, 110130. | 5.2 | 4 |
| 33 | Which Performance Parameters Are Best Suited to Assess the Predictive Ability of Models?. Challenges and Advances in Computational Chemistry and Physics, 2017, , 89-104. | 0.6 | 4 |
| 34 | Consensus Virtual Screening Identified [1,2,4]Triazolo[1,5â€•b ]isoquinolines As MELK Inhibitor Chemotypes. ChemMedChem, 2021, , . | 3.2 | 3 |
| 35 | Synthesis and Biochemical Evaluation of Lid-Open D-Amino Acid Oxidase Inhibitors. Molecules, 2019, 24, 290. | 3.8 | 1 |
| 36 | Discrimination Ability of Assessors in Check-All-That-Apply Tests: Method and Product Development. Foods, 2021, 10, 1123. | 4.3 | 0 |