

# Nada KraĀjevec

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2838208/publications.pdf>

Version: 2024-02-01

23  
papers

987  
citations

840776

11  
h-index

713466

21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1373  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Comparative genomics reveals high biological diversity and specific adaptations in the industrially and medically important fungal genus <i>Aspergillus</i> . <i>Genome Biology</i> , 2017, 18, 28.   | 8.8 | 417       |
| 2  | Growing a circular economy with fungal biotechnology: a white paper. <i>Fungal Biology and Biotechnology</i> , 2020, 7, 5.  | 5.1 | 228       |
| 3  | CYP53A15 of <i>Cochliobolus lunatus</i> , a Target for Natural Antifungal Compounds. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 3480-3486.   | 6.4 | 68        |
| 4  | Cytochrome P450 Monooxygenase CYP53 Family in Fungi: Comparative Structural and Evolutionary Analysis and Its Role as a Common Alternative Anti-Fungal Drug Target. <i>PLoS ONE</i> , 2014, 9, e107209.   | 2.5 | 59        |
| 5  | Distribution of MACPF/CDC Proteins. <i>Sub-Cellular Biochemistry</i> , 2014, 80, 7-30.  | 2.4 | 38        |
| 6  | Fungal aegerolysin-like proteins: distribution, activities, and applications. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 601-610.  | 3.6 | 26        |
| 7  | Aegerolysins: Lipid-binding proteins with versatile functions. <i>Seminars in Cell and Developmental Biology</i> , 2017, 72, 142-151.   | 5.0 | 24        |
| 8  | Antioxidative response patterns of Norway spruce bark to low-density <i>Ceratocystis polonica</i> inoculation. <i>Trees - Structure and Function</i> , 2014, 28, 1145-1160.   | 1.9 | 19        |
| 9  | Benzoic acid derivatives with improved antifungal activity: Design, synthesis, structure-activity relationship (SAR) and CYP53 docking studies. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4264-4276.  | 3.0 | 17        |
| 10 | Genome-wide identification, annotation and characterization of novel thermostable cytochrome P450 monooxygenases from the thermophilic biomass-degrading fungi <i>Thielavia terrestris</i> and <i>Myceliophthora thermophila</i> . <i>Genes and Genomics</i> , 2014, 36, 321-333. | 1.4 | 15        |
| 11 | Low-density <i>Ceratocystis polonica</i> inoculation of Norway spruce ( <i>Picea abies</i> ) triggers accumulation of monoterpenes with antifungal properties. <i>European Journal of Forest Research</i> , 2014, 133, 573-583.   | 2.5 | 15        |
| 12 | Phylogenetic Studies, Gene Cluster Analysis, and Enzymatic Reaction Support Anthrahydroquinone Reduction as the Physiological Function of Fungal 17 $\beta$ -Hydroxysteroid Dehydrogenase. <i>ChemBioChem</i> , 2017, 18, 77-80.  | 2.6 | 13        |
| 13 | Functional studies of aegerolysin and MACPF-like proteins in <i>Aspergillus niger</i> . <i>Molecular Microbiology</i> , 2019, 112, 1253-1269.   | 2.5 | 10        |
| 14 | Targeted Lipid Analysis of Haemolytic Mycelial Extracts of <i>Aspergillus niger</i> . <i>Molecules</i> , 2014, 19, 9051-9069.   | 3.8 | 8         |
| 15 | Expression of human lymphotoxin $\beta$ in <i>Aspergillus niger</i> . <i>Pflügers Archiv European Journal of Physiology</i> , 2000, 440, R083-R085.   | 2.8 | 7         |
| 16 | Lipid-Binding Aegerolysin from Biocontrol Fungus <i>Beauveria bassiana</i> . <i>Toxins</i> , 2021, 13, 820.   | 3.4 | 6         |
| 17 | Unconventional Secretion of Nigerolysins A from <i>Aspergillus</i> Species. <i>Microorganisms</i> , 2020, 8, 1973.  | 3.6 | 5         |
| 18 | Can hTNF- $\beta$ be successfully produced and secreted in filamentous fungus <i>Aspergillus niger</i> ?. <i>Pflügers Archiv European Journal of Physiology</i> , 2000, 439, r084-r086.   | 2.8 | 4         |

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|----|--|-----|-----------|
| 19 | Antioxidant defences of Norway spruce bark against bark beetles and its associated blue-stain fungus. Agricultura, 2015, 12, 9-18.                                     | 0.2 | 4         |
| 20 | The Multifaceted Role of Mating Type of the Fungus and Sex of the Host in Studies of Fungal Infections in Humans. Journal of Fungi (Basel, Switzerland), 2022, 8, 461. | 3.5 | 2         |
| 21 | Gene Expression in Filamentous Fungi: Advantages and Disadvantages Compared to Other Systems. Fungal Biology, 2016, , 201-226.   | 0.6 | 1         |
| 22 | Towards a Fungal Science That Is Independent of Researchersâ€™ Gender. Journal of Fungi (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50                                  | 3.5 | 1         |
| 23 | Can hTNF-Î± be successfully produced and secreted in filamentous fungus Aspergillus nigeri. Pflugers Archiv European Journal of Physiology, 2000, 439, R84-R86.        | 2.8 | 0         |