

# Katja Sterflinger

## List of Publications by Year in descending order

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Version: 2024-02-01

113  
papers

4,668  
citations

117625

34  
h-index

114465

63  
g-index

117  
all docs

117  
docs citations

117  
times ranked

4198  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Kiev Folia: An interdisciplinary approach to unravelling the past of an ancient Slavonic manuscript. <i>International Biodeterioration and Biodegradation</i> , 2022, 167, 105342.	3.9	7
2	The emerging pathogen <i>Paecilomyces variotii</i> – a novel and important fungal allergen source. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 1045-1048.	5.7	3
3	Multi-Analytical Investigations of Andy Warhol's "Orange Car Crash" Polymeric Materials in Modern Paints. <i>Polymers</i> , 2022, 14, 633.	4.5	4
4	Data Fusion Approach to Simultaneously Evaluate the Degradation Process Caused by Ozone and Humidity on Modern Paint Materials. <i>Polymers</i> , 2022, 14, 1787.	4.5	4
5	Non-Invasive Physico-Chemical and Biological Analysis of Parchment Manuscripts – An Overview. <i>Restaurator</i> , 2022, 43, 127-142.	0.2	2
6	A Multi-Analytical Approach to Infer Mineral-Microbial Interactions Applied to Petroglyph Sites in the Negev Desert of Israel. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6936.	2.5	6
7	Climate Change and Its Effects on Indoor Pests (Insect and Fungi) in Museums. <i>Climate</i> , 2022, 10, 103.	2.8	10
8	Molecular-Based Techniques for the Study of Microbial Communities in Artworks. , 2021, , 59-77.		1
9	Natural sciences at the service of art and cultural heritage: an interdisciplinary area in development and important challenges. <i>Microbial Biotechnology</i> , 2021, 14, 806-809.	4.2	17
10	Effects of Simulated Microgravity on the Proteome and Secretome of the Polyextremotolerant Black Fungus <i>Knufia chersonesos</i> . <i>Frontiers in Genetics</i> , 2021, 12, 638708.	2.3	11
11	Evidence of Fungal Spreading by the Grey Silverfish ( <i>Ctenolepisma longicaudatum</i> ) in Austrian Museums. <i>Restaurator</i> , 2021, 42, 57-65.	0.2	4
12	What about Phenol Formaldehyde (PF) Foam in Modern-Contemporary Art? Insights into the Unaged and Naturally Aged Material by a Multi-Analytical Approach. <i>Polymers</i> , 2021, 13, 1964.	4.5	2
13	Identification of <i>Ulocladium chartarum</i> as an important indoor allergen source. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 3202-3206.	5.7	4
14	The effect of new LED lighting systems on the colour of modern paints. <i>Scientific Reports</i> , 2021, 11, 22375.	3.3	1
15	A Multi-Analytical Approach for Studying the Effect of New LED Lighting Systems on Modern Paints: Chemical Stability Investigations. <i>Polymers</i> , 2021, 13, 4441.	4.5	0
16	The Microbiome of Leonardo da Vinci's Drawings: A Bio-Archive of Their History. <i>Frontiers in Microbiology</i> , 2020, 11, 593401.	3.5	24
17	Contamination of wounds with fecal bacteria in immuno-suppressed mice. <i>Scientific Reports</i> , 2020, 10, 11494.	3.3	8
18	Peculiar genomic traits in the stress-adapted cryptoendolithic Antarctic fungus <i>Friedmanniomyces endolithicus</i> . <i>Fungal Biology</i> , 2020, 124, 458-467.	2.5	23

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19	An Overview of Genomics, Phylogenomics and Proteomics Approaches in Ascomycota. <i>Life</i> , 2020, 10, 356.	2.4	12
20	Shed Light in the DaRk LineagES of the Fungal Tree of Life—STRES. <i>Life</i> , 2020, 10, 362.	2.4	16
21	Decoding the biological information contained in two ancient Slavonic parchment codices: an added historical value. <i>Environmental Microbiology</i> , 2020, 22, 3218-3233.	3.8	15
22	Shotgun proteomics reveals putative polyesterases in the secretome of the rock-inhabiting fungus <i>Knufia chersonesos</i> . <i>Scientific Reports</i> , 2020, 10, 9770.	3.3	14
23	Rapid diagnosis of biological colonization in cultural artefacts using the MinION nanopore sequencing technology. <i>International Biodeterioration and Biodegradation</i> , 2020, 148, 104908.	3.9	37
24	Back to the Salt Mines: Genome and Transcriptome Comparisons of the Halophilic Fungus <i>Aspergillus salisburgensis</i> and Its Halotolerant Relative <i>Aspergillus sclerotialis</i> . <i>Genes</i> , 2019, 10, 381.	2.4	17
25	A time travel story: metagenomic analyses decipher the unknown geographical shift and the storage history of possibly smuggled antique marble statues. <i>Annals of Microbiology</i> , 2019, 69, 1001-1021.	2.6	17
26	Global Proteomics of Extremophilic Fungi: Mission Accomplished?. , 2019, , 205-249.		4
27	Future directions and challenges in biodeterioration research on historic materials and cultural properties. <i>International Biodeterioration and Biodegradation</i> , 2018, 129, 10-12.	3.9	63
28	First evaluation of the microbiome of built cultural heritage by using the Ion Torrent next generation sequencing platform. <i>International Biodeterioration and Biodegradation</i> , 2018, 131, 11-18.	3.9	61
29	Insect pests and Integrated Pest Management in the Capuchin Catacombs of Palermo, Italy. <i>International Biodeterioration and Biodegradation</i> , 2018, 131, 107-114.	3.9	11
30	Draft Genome Sequence of the Interspecies Hybrid <i>Saccharomyces pastorianus</i> Strain HA2560, Isolated from a Municipal Wastewater Treatment Plant. <i>Genome Announcements</i> , 2018, 6, .	0.8	2
31	Draft Genome Sequence of the <i>Saccharomyces cerevisiae</i> × <i>Saccharomyces kudriavzevii</i> HA1836 Interspecies Hybrid Yeast. <i>Genome Announcements</i> , 2018, 6, .	0.8	0
32	Transcriptome Study of an <i>Exophiala dermatitidis</i> PKS1 Mutant on an ex Vivo Skin Model: Is Melanin Important for Infection?. <i>Frontiers in Microbiology</i> , 2018, 9, 1457.	3.5	19
33	First records of <i>Knufia marmoricola</i> from limestone outcrops in the WyÅynaÅKrakowsko-CzÅstochowska Upland, Poland. <i>Phytotaxa</i> , 2018, 357, 94.	0.3	7
34	Big Sound and Extreme Fungi—Xerophilic, Halotolerant <i>Aspergilli</i> and <i>Penicillia</i> with Low Optimal Temperature as Invaders of Historic Pipe Organs. <i>Life</i> , 2018, 8, 22.	2.4	15
35	Selective screening: isolation of fungal strains from contaminated soils in Austria. <i>Bodenkultur</i> , 2018, 68, 157-169.	0.2	7
36	<i>Aspergillus atacamensis</i> and <i>A. salisburgensis</i> : two new halophilic species from hypersaline/arid habitats with a phialosimplex-like morphology. <i>Extremophiles</i> , 2017, 21, 755-773.	2.3	27

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37	Genomic and transcriptomic analysis of the toluene degrading black yeast <i>Cladophialophora immunda</i> . <i>Scientific Reports</i> , 2017, 7, 11436.	3.3	37
38	Draft Genome Sequences of the Black Rock Fungus <i>Knufia petricola</i> and Its Spontaneous Nonmelanized Mutant. <i>Genome Announcements</i> , 2017, 5, .	0.8	18
39	The Transcriptome of <i>Exophiala dermatitidis</i> during Ex-vivo Skin Model Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 136.	3.9	27
40	Biodeterioration Risk Threatens the 3100 Year Old Staircase of Hallstatt (Austria): Possible Involvement of Halophilic Microorganisms. <i>PLoS ONE</i> , 2016, 11, e0148279.	2.5	32
41	Draft Genome of <i>Debaryomyces fabryi</i> CBS 789 <sup>T</sup> , Isolated from a Human Interdigital Mycotic Lesion. <i>Genome Announcements</i> , 2016, 4, .	0.8	5
42	Pathogenic Yet Environmentally Friendly? Black Fungal Candidates for Bioremediation of Pollutants. <i>Geomicrobiology Journal</i> , 2016, 33, 308-317.	2.0	64
43	Genotypic and phenotypic evolution of yeast interspecies hybrids during high-sugar fermentation. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 6331-6343.	3.6	53
44	Characterization of Yeasts and Filamentous Fungi using MALDI Lipid Phenotyping. <i>Journal of Microbiological Methods</i> , 2016, 130, 27-37.	1.6	23
45	Specific Antibodies for the Detection of <i>Alternaria</i> ; Allergens and the Identification of Cross-Reactive Antigens in Other Fungi. <i>International Archives of Allergy and Immunology</i> , 2016, 170, 269-278.	2.1	21
46	Protein functional analysis data in support of comparative proteomics of the pathogenic black yeast <i>Exophiala dermatitidis</i> under different temperature conditions. <i>Data in Brief</i> , 2015, 5, 372-375.	1.0	2
47	Amid the possible causes of a very famous foxing: molecular and microscopic insight into Leonardo da Vinci's self-portrait. <i>Environmental Microbiology Reports</i> , 2015, 7, 849-859.	2.4	46
48	Unmasking the measles-like parchment discoloration: molecular and microanalytical approach. <i>Environmental Microbiology</i> , 2015, 17, 427-443.	3.8	69
49	Draft Genome Sequence of <i>Exophiala mesophila</i> , a Black Yeast with High Bioremediation Potential. <i>Genome Announcements</i> , 2015, 3, .	0.8	5
50	From Glacier to Sauna: RNA-Seq of the Human Pathogen Black Fungus <i>Exophiala dermatitidis</i> under Varying Temperature Conditions Exhibits Common and Novel Fungal Response. <i>PLoS ONE</i> , 2015, 10, e0127103.	2.5	32
51	Draft Genome of <i>Cladophialophora immunda</i> , a Black Yeast and Efficient Degradator of Polyaromatic Hydrocarbons. <i>Genome Announcements</i> , 2015, 3, .	0.8	6
52	A Combined Approach to Assess the Microbial Contamination of the Archimedes Palimpsest. <i>Microbial Ecology</i> , 2015, 69, 118-134.	2.8	36
53	Proteome of tolerance fine-tuning in the human pathogen black yeast <i>Exophiala dermatitidis</i> . <i>Journal of Proteomics</i> , 2015, 128, 39-57.	2.4	19
54	Molecular Tools for Monitoring the Ecological Sustainability of a Stone Bio-Consolidation Treatment at the Royal Chapel, Granada. <i>PLoS ONE</i> , 2015, 10, e0132465.	2.5	16

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55	Halophilic Microorganisms Are Responsible for the Rosy Discolouration of Saline Environments in Three Historical Buildings with Mural Paintings. PLoS ONE, 2014, 9, e103844.	2.5	45
56	Quantification of fungal abundance on cultural heritage using real time PCR targeting the $\beta$ -actin gene. Frontiers in Microbiology, 2014, 5, 262.	3.5	27
57	Halophilic bacteria are colonizing the exhibition areas of the Capuchin Catacombs in Palermo, Italy. Extremophiles, 2014, 18, 677-691.	2.3	40
58	Protein patterns of black fungi under simulated Mars-like conditions. Scientific Reports, 2014, 4, 5114.	3.3	39
59	Weathering and Deterioration. , 2014, , 225-316.		30
60	Nothing Special in the Specialist? Draft Genome Sequence of Cryomyces antarcticus, the Most Extremophilic Fungus from Antarctica. PLoS ONE, 2014, 9, e109908.	2.5	21
61	Microcolonial Fungi on Rocks: A Life in Constant Drought?. Mycopathologia, 2013, 175, 537-547.	3.1	67
62	Microbial deterioration of cultural heritage and works of art "tilting at windmills?. Applied Microbiology and Biotechnology, 2013, 97, 9637-9646.	3.6	356
63	Microbial communities adhering to the obverse and reverse sides of an oil painting on canvas: identification and evaluation of their biodegradative potential. Aerobiologia, 2013, 29, 301-314.	1.7	52
64	Microscopic, chemical, and molecular-biological investigation of the decayed medieval stained window glasses of two Catalan churches. International Biodeterioration and Biodegradation, 2013, 84, 388-400.	3.9	56
65	Bio-susceptibility of Materials and Thermal Insulation Systems used for Historical Buildings. Energy Procedia, 2013, 40, 499-506.	1.8	11
66	Microbial survey of the mummies from the Capuchin Catacombs of Palermo, Italy: biodeterioration risk and contamination of the indoor air. FEMS Microbiology Ecology, 2013, 86, 341-356.	2.7	81
67	Contribution of the Microbial Communities Detected on an Oil Painting on Canvas to Its Biodeterioration. PLoS ONE, 2013, 8, e80198.	2.5	62
68	Molecular characterization of the closely related Debaryomyces species: Proposition of D. vindobonensis sp. nov. from a municipal wastewater treatment plant. Journal of General and Applied Microbiology, 2013, 59, 49-58.	0.7	7
69	A Review beyond the borders: Proteomics of microclonal black fungi and black yeasts. Natural Science, 2013, 05, 640-645.	0.4	8
70	Microbes on building materials " Evaluation of DNA extraction protocols as common basis for molecular analysis. Science of the Total Environment, 2012, 439, 44-53.	8.0	40
71	Predominant localization of the major Alternaria allergen Alt a 1 in the cell wall of airborne spores. Journal of Allergy and Clinical Immunology, 2012, 129, 1148-1149.	2.9	35
72	Alteration of protein patterns in black rock inhabiting fungi as a response to different temperatures. Fungal Biology, 2012, 116, 932-940.	2.5	45

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73	Fungi in hot and cold deserts with particular reference to microcolonial fungi. <i>Fungal Ecology</i> , 2012, 5, 453-462.	1.6	163
74	Potential extinction of Antarctic endemic fungal species as a consequence of global warming. <i>Science of the Total Environment</i> , 2012, 438, 127-134.	8.0	28
75	The revenge of time: fungal deterioration of cultural heritage with particular reference to books, paper and parchment. <i>Environmental Microbiology</i> , 2012, 14, 559-566.	3.8	140
76	Weathering and Deterioration. , 2011, , 227-316.		76
77	Stone Conservation. , 2011, , 411-544.		16
78	Sample preparation and 2-DE procedure for protein expression profiling of black microcolonial fungi. <i>Fungal Biology</i> , 2011, 115, 971-977.	2.5	30
79	Description of <i>Holtermanniella</i> gen. nov., including <i>Holtermanniella takashimae</i> sp. nov. and four new combinations, and proposal of the order Holtermanniales to accommodate tremellomycetous yeasts of the Holtermannia clade. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 680-689.	1.7	44
80	Molecular monitoring of the microbial dynamics occurring on historical limestone buildings during and after the in situ application of different bio-consolidation treatments. <i>Science of the Total Environment</i> , 2011, 409, 5337-5352.	8.0	53
81	Characterisation of Stone Deterioration on Buildings. , 2011, , 347-410.		22
82	Two new species of <i>Capnobotryella</i> from historical monuments. <i>Mycological Progress</i> , 2011, 10, 333-339.	1.4	11
83	Bacterial Community Dynamics During the Application of a <i>Myxococcus xanthus</i> -Inoculated Culture Medium Used for Consolidation of Ornamental Limestone. <i>Microbial Ecology</i> , 2010, 60, 15-28.	2.8	30
84	Fungi: Their role in deterioration of cultural heritage. <i>Fungal Biology Reviews</i> , 2010, 24, 47-55.	4.7	417
85	A new <i>Coniosporium</i> species from historical marble monuments. <i>Mycological Progress</i> , 2010, 9, 353-359.	1.4	30
86	The effect of resource quantity and resource stoichiometry on microbial carbon-use-efficiency. <i>FEMS Microbiology Ecology</i> , 2010, 73, no-no.	2.7	227
87	Cultivation and molecular monitoring of halophilic microorganisms inhabiting an extreme environment presented by a salt-attacked monument. <i>International Journal of Astrobiology</i> , 2010, 9, 59-72.	1.6	34
88	<i>Schizonella caricis-atratae</i> (Ustilaginomycetes): a new cryptic species on <i>Carex atrata</i> from Austria. <i>Mycological Progress</i> , 2009, 8, 157-164.	1.4	6
89	The micro-biota of a sub-surface monument the medieval chapel of St. Virgil (Vienna, Austria). <i>International Biodeterioration and Biodegradation</i> , 2009, 63, 851-859.	3.9	56
90	Molecular profiling of yeasts isolated during spontaneous fermentations of Austrian wines. <i>FEMS Yeast Research</i> , 2008, 8, 1063-1075.	2.3	71

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91	<i>Alternaria jesenskae</i> sp. nov., a new species from Slovakia on <i>Fumana procumbens</i> (Cistaceae). <i>Microbiological Research</i> , 2008, 163, 208-214.	5.3	9
92	<i>Sarcinomyces sideticae</i> , a new black yeast from historical marble monuments in Side (Antalya, Turkey). <i>Botanical Journal of the Linnean Society</i> , 2007, 154, 373-380.	1.6	22
93	A new species of <i>Capnobotryella</i> from monument surfaces. <i>Mycological Research</i> , 2007, 111, 1235-1241.	2.5	31
94	Microcolonial fungi from antique marbles in Perge/Side/Termessos (Antalya/Turkey). <i>Antonie Van Leeuwenhoek</i> , 2007, 91, 217-227.	1.7	61
95	Black Yeasts and Meristematic Fungi: Ecology, Diversity and Identification. , 2006, , 501-514.		52
96	Occurrence of powdery mildews on new hosts in Turkey. <i>Phytoparasitica</i> , 2006, 34, 474-476.	1.2	4
97	Phylogeny and Systematics of the Fungi with Special Reference to the Ascomycota and Basidiomycota. , 2002, 81, 207-295.		31
98	Title is missing!. <i>European Journal of Plant Pathology</i> , 2002, 108, 793-801.	1.7	9
99	Fungal infections of a colonial marine invertebrate: Diversity and morphological consequences. <i>Facies</i> , 2001, 45, 31-37.	1.4	10
100	Molecular taxonomy and biodiversity of rock fungal communities in an urban environment (Vienna,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.7	93
101	Phylogenetic relationship of <i>Ophiostoma piliferum</i> to other sapstain fungi based on the nuclear rRNA gene. <i>FEMS Microbiology Letters</i> , 2001, 195, 163-167.	1.8	28
102	Phylogenetic relationship of <i>Ophiostoma piliferum</i> to other sapstain fungi based on the nuclear rRNA gene. <i>FEMS Microbiology Letters</i> , 2001, 195, 163-167.	1.8	2
103	Fungi as Geologic Agents. <i>Geomicrobiology Journal</i> , 2000, 17, 97-124.	2.0	368
104	Recent Advances in the Molecular Biology and Ecophysiology of Meristematic Stone-Inhabiting Fungi. , 2000, , 3-19.		9
105	Microbial mats associated with bryozoans (Coorong Lagoon, South Australia). <i>Facies</i> , 1999, 41, 1-14.	1.4	19
106	Patination of marble, sandstone and granite by microbial communities. <i>Zeitschrift Der Deutschen Geologischen Gesellschaft</i> , 1999, 150, 299-311.	0.1	10
107	Temperature and NaCl-tolerance of rock-inhabiting meristematic fungi. <i>Antonie Van Leeuwenhoek</i> , 1998, 74, 271-281.	1.7	113
108	Dematiaceous fungi as a major agent for biopitting on Mediterranean marbles and limestones. <i>Geomicrobiology Journal</i> , 1997, 14, 219-230.	2.0	143

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109	Morphological and Molecular Characterization of a Rock Inhabiting and Rock Decaying Dematiaceous Fungus Isolated from Antique Monuments of Delos (Cyclades, Greece) and Chersonesus (Crimea, Tj ETQq1 1 0.784314 rgBTi/Overlook	1.7	86
110	Coniosporium perforans and C. apollinis, two new rock-inhabiting fungi isolated from marble in the Sanctuary of Delos (Cyclades, Greece). <i>Antonie Van Leeuwenhoek</i> , 1997, 72, 349-363.	1.3	27
111	Microstromatolitic deposits on granitic monuments: development and decay. <i>European Journal of Mineralogy</i> , 1997, 9, 889-902.	1.6	61
112	Multiple Stress Factors affecting Growth of Rock-Inhabiting Black Fungi. <i>Botanica Acta</i> , 1995, 108, 490-496.	1.6	2
113	Precision replicas of microbially contaminated surfaces for optical and SEM-analyses. <i>Journal of Microbiological Methods</i> , 1995, 23, 301-308.		