

# Hyang Burm Lee

## List of Publications by Year in descending order

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93  
papers

2,780  
citations

430874

18  
h-index

206112

48  
g-index

98  
all docs

98  
docs citations

98  
times ranked

2339  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Two New Species and Three New Records of Ascomycetes in Korea. <i>Mycobiology</i> , 2022, 50, 30-45.  | 1.7  | 5         |
| 2  | (2878) Proposal to conserve the name <i>Nephridiophaga</i> ( <i>Chytridiomycota</i> ) with a conserved type. <i>Taxon</i> , 2022, 71, 471-472.  | 0.7  | 1         |
| 3  | In vivo imaging of invasive aspergillosis with 18F-fluorodeoxyisotriton positron emission tomography. <i>Nature Communications</i> , 2022, 13, 1926.  | 12.8 | 8         |
| 4  | Discovery of Three New <i>Mucor</i> Species Associated with Cricket Insects in Korea. <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 601.   | 3.5  | 3         |
| 5  | First Report of Powdery Mildew Caused by <i>Erysiphe viciae-unijugae</i> on <i>Vicia sativa</i> subsp. <i>nigra</i> in Korea. <i>Plant Disease</i> , 2021, 105, 493-493.  | 1.4  | 1         |
| 6  | Cyclophilin A is an endogenous ligand for the triggering receptor expressed on myeloid cells (TREM2). <i>FASEB Journal</i> , 2021, 35, e21479.  | 0.5  | 9         |
| 7  | Discovery of Novel <i>Backusella</i> ( <i>Backusellaceae</i> , <i>Mucorales</i> ) Isolated from Invertebrates and Toads in Cheongyang, Korea. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 513.                   | 3.5  | 10        |
| 8  | Seven New Records of <i>Penicillium</i> Species Belonging to Section <i>Lanata</i> - <i>Divaricata</i> in Korea. <i>Mycobiology</i> , 2021, 49, 363-375.  | 1.7  | 4         |
| 9  | <i>Absidia aguabelensis</i> sp. nov.: A new mucoralean fungi isolated from a semiarid region in Brazil. <i>Phytotaxa</i> , 2021, 516, 83-91.  | 0.3  | 1         |
| 10 | Early-diverging fungal phyla: taxonomy, species concept, ecology, distribution, anthropogenic impact, and novel phylogenetic proposals. <i>Fungal Diversity</i> , 2021, 109, 59-98.   | 12.3 | 35        |
| 11 | Discovery and Extrolite Production of Three New Species of <i>Talaromyces</i> Belonging to Sections <i>Helici</i> and <i>Purpurei</i> from Freshwater in Korea. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 722. | 3.5  | 10        |
| 12 | Novel <i>Mucor</i> species ( <i>Mucoromycetes</i> , <i>Mucoraceae</i> ) from northern Thailand. <i>MycKeys</i> , 2021, 84, 57-78.   | 1.9  | 5         |
| 13 | Six Newly Recorded Fungal Taxa from Freshwater Niche in Korea. <i>Mycobiology</i> , 2021, 49, 105-121.  | 1.7  | 5         |
| 14 | New Species and Eight Undescribed Species Belonging to the Families <i>Aspergillaceae</i> and <i>Trichocomaceae</i> in Korea. <i>Mycobiology</i> , 2021, 49, 534-550.   | 1.7  | 8         |
| 15 | Fungal diversity notes 1387-1511: taxonomic and phylogenetic contributions on genera and species of fungal taxa. <i>Fungal Diversity</i> , 2021, 111, 1-335.  | 12.3 | 88        |
| 16 | First Report of Powdery Mildew Caused by <i>Erysiphe michikoeae</i> on <i>Celtis sinensis</i> in Korea. <i>Plant Disease</i> , 2020, 104, 984.  | 1.4  | 1         |
| 17 | First Report of Powdery Mildew Caused by <i>Erysiphe lespedezae</i> on <i>Kummerowia striata</i> in Korea. <i>Plant Disease</i> , 2020, 104, 1548.  | 1.4  | 1         |
| 18 | Isolation and Characterization of Four Unrecorded <i>Mucor</i> Species in Korea. <i>Mycobiology</i> , 2020, 48, 29-36.  | 1.7  | 10        |

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|----|--|------|-----------|
| 19 | Five New Records of the Family Aspergillaceae in Korea, <i>Aspergillus europaeus</i> , <i>A. pragensis</i> , <i>A. tennesseensis</i> , <i>Penicillium fluviserpens</i> , and <i>P. scabrosum</i> . <i>Mycobiology</i> , 2020, 48, 81-94. | 1.7  | 13        |
| 20 | <i>Mucor cheongyangensis</i> , a new species isolated from the surface of <i>Lycorma delicatula</i> in Korea. <i>Phytotaxa</i> , 2020, 446, 33-42.   | 0.3  | 4         |
| 21 | Morphological and molecular evidence for two new species of <i>Absidia</i> from Neotropical soil. <i>Phytotaxa</i> , 2020, 446, 61-71.   | 0.3  | 9         |
| 22 | Two new species of the industrially relevant genus <i>Absidia</i> (Mucorales) from soil of the Brazilian Atlantic Forest. <i>Acta Botanica Brasilica</i> , 2020, 34, 549-558.  | 0.8  | 9         |
| 23 | Fungal diversity notes 1036–1150: taxonomic and phylogenetic contributions on genera and species of fungal taxa. <i>Fungal Diversity</i> , 2019, 96, 1-242.  | 12.3 | 148       |
| 24 | Characterization of <i>Achlya americana</i> and <i>A. bisexualis</i> (Saprolegniales, Oomycota) isolated from Freshwater Environments in Korea. <i>Mycobiology</i> , 2019, 47, 135-142.  | 1.7  | 9         |
| 25 | Fungal diversity notes 929–1035: taxonomic and phylogenetic contributions on genera and species of fungi. <i>Fungal Diversity</i> , 2019, 95, 1-273.   | 12.3 | 203       |
| 26 | First Records of Rare Ascomycete Fungi, <i>Acrostalagmus luteoalbus</i> , <i>Bartalinia robillardoides</i> , and <i>Collariella carteri</i> from Freshwater Samples in Korea. <i>Mycobiology</i> , 2019, 47, 1-11.                       | 1.7  | 12        |
| 27 | Diversity of <i>Aspergillus</i> , <i>Penicillium</i> , and <i>Talaromyces</i> Species Isolated from Freshwater Environments in Korea. <i>Mycobiology</i> , 2019, 47, 12-19.  | 1.7  | 19        |
| 28 | First Report of Powdery Mildew Caused by <i>Erysiphe palczewskii</i> on <i>Robinia pseudoacacia</i> in Korea. <i>Plant Disease</i> , 2019, 103, 1428.  | 1.4  | 1         |
| 29 | New Records of Four Species Belonging to Eurotiales from Soil and Freshwater in Korea. <i>Mycobiology</i> , 2019, 47, 154-164.   | 1.7  | 17        |
| 30 | Characterization of Three Species of Sordariomycetes Isolated from Freshwater and Soil Samples in Korea. <i>Mycobiology</i> , 2019, 47, 20-30.   | 1.7  | 13        |
| 31 | Molecular and Morphological Confirmation of Three Undescribed Species of <i>Mortierella</i> from Korea. <i>Mycobiology</i> , 2019, 47, 31-39.  | 1.7  | 15        |
| 32 | <i>Cunninghamella binariae</i> , <i>Mucor ardhlaengiktus</i> , <i>Mucor gigasporus</i> and <i>Umbelopsis changbaiensis</i> , newly recorded species from amphibian feces and soil in Korea. <i>Phytotaxa</i> , 2019, 425, 19-34.         | 0.3  | 0         |
| 33 | Oleic acid enhances keratinocytes differentiation via the upregulation of miR-203 in human epidermal keratinocytes. <i>Journal of Cosmetic Dermatology</i> , 2019, 18, 383-389.  | 1.6  | 14        |
| 34 | First Report of Powdery Mildew Caused by <i>Erysiphe salmonii</i> on <i>Fraxinus rhynchophylla</i> in Korea. <i>Plant Disease</i> , 2019, 103, 769-769.  | 1.4  | 3         |
| 35 | First Report of Powdery Mildew Caused by <i>Podosphaera xanthii</i> on <i>Ixeridium dentatum</i> in Korea. <i>Plant Disease</i> , 2019, 103, 366-366.  | 1.4  | 1         |
| 36 | Mycotoxin production of <i>Alternaria</i> strains isolated from Korean barley grains determined by LC-MS/MS. <i>International Journal of Food Microbiology</i> , 2018, 268, 44-52.   | 4.7  | 22        |

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|----|---|------|-----------|
| 37 | Four New Records of Ascomycete Species from Korea. <i>Mycobiology</i> , 2018, 46, 328-340.  | 1.7  | 2         |
| 38 | Isolation and Characterization of Three Zygomycetous Fungi in Korea: <i>Backusella circina</i> , <i>Circinella muscae</i> , and <i>Mucor ramosissimus</i> . <i>Mycobiology</i> , 2018, 46, 317-327.                                       | 1.7  | 12        |
| 39 | New Records of <i>Aspergillus allahabadii</i> and <i>Penicillium sizovae</i> from Crop Field Soil in Korea. <i>Mycobiology</i> , 2018, 46, 297-304.   | 1.7  | 4         |
| 40 | Discovery of Two <i>Chrysosporium</i> Species with Keratinolytic Activity from Field Soil in Korea. <i>Mycobiology</i> , 2018, 46, 260-268.   | 1.7  | 7         |
| 41 | Isolation and Characterization of Two Rare Mucoralean Species with Specific Habitats. <i>Mycobiology</i> , 2018, 46, 205-214.   | 1.7  | 11        |
| 42 | Fungal diversity notes 709–839: taxonomic and phylogenetic contributions to fungal taxa with an emphasis on fungi on Rosaceae. <i>Fungal Diversity</i> , 2018, 89, 1-236.   | 12.3 | 169       |
| 43 | <i>Alternaria brassicifolii</i> sp. nov. Isolated from <i>Brassica rapa</i> subsp. <i>pekinensis</i> in Korea. <i>Mycobiology</i> , 2018, 46, 172-176.  | 1.7  | 15        |
| 44 | Fungal diversity notes 491–602: taxonomic and phylogenetic contributions to fungal taxa. <i>Fungal Diversity</i> , 2017, 83, 1-261.   | 12.3 | 180       |
| 45 | Isolation and Characterization of Three Unrecorded Zygomycete Fungi in Korea: <i>Cunninghamella bertholletiae</i> , <i>Cunninghamella echinulata</i> , and <i>Cunninghamella elegans</i> . <i>Mycobiology</i> , 2017, 45, 318-326.        | 1.7  | 15        |
| 46 | Phylogenetic Status of Two Undescribed Zygomycete Species from Korea: <i>Actinomucor elegans</i> and <i>Mucor minutus</i> . <i>Mycobiology</i> , 2017, 45, 344-352.   | 1.7  | 9         |
| 47 | Characterization of Two Species of <i>Acremonium</i> (Unrecorded in Korea) from Soil Samples: <i>A. varicolor</i> and <i>A. persicinum</i> . <i>Mycobiology</i> , 2017, 45, 353-361.  | 1.7  | 8         |
| 48 | Three New Records of Ascomycetes Isolates from Field Soils in Korea. <i>Mycobiology</i> , 2017, 45, 327-337.  | 1.7  | 4         |
| 49 | Taxonomy and Phylogeny of <i>Peronospora</i> Species (Oomycota) Parasitic to <i>Stellaria</i> and <i>Pseudostellaria</i> in Korea, with the Introduction of <i>Peronospora casparyi</i> sp. nov.. <i>Mycobiology</i> , 2017, 45, 263-269. | 1.7  | 1         |
| 50 | Diversity, Phylogeny, and Host-Specialization of <i>Hyaloperonospora</i> Species in Korea. <i>Mycobiology</i> , 2017, 45, 139-149.  | 1.7  | 11        |
| 51 | New Recorded Species in Three Genera of the Sordariomycetes in Korea. <i>Mycobiology</i> , 2017, 45, 64-72.   | 1.7  | 16        |
| 52 | Five New Records of Soil-Derived <i>Trichoderma</i> in Korea: <i>T. albolutescens</i> , <i>T. asperelloides</i> , <i>T. orientale</i> , <i>T. spirale</i> , and <i>T. tomentosum</i> . <i>Mycobiology</i> , 2017, 45, 1-8.                | 1.7  | 10        |
| 53 | <i>Amycolatopsis acidiphila</i> sp. nov., a moderately acidophilic species isolated from coal mine soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 3387-3392.                                  | 1.7  | 14        |
| 54 | Characterization of Two New Records of Zygomycete Species Belonging to Undiscovered Taxa in Korea. <i>Mycobiology</i> , 2016, 44, 29-37.  | 1.7  | 15        |

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|----|--|------|-----------|
| 55 | Characterization of <i>Paecilomyces variotii</i> and <i>Talaromyces amestolkiae</i> in Korea Based on the Morphological Characteristics and Multigene Phylogenetic Analyses. <i>Mycobiology</i> , 2016, 44, 248-259.                             | 1.7  | 17        |
| 56 | Characterization of Two New Records of Mucoralean Species Isolated from Gut of Soldier Fly Larva in Korea. <i>Mycobiology</i> , 2016, 44, 310-313.   | 1.7  | 8         |
| 57 | Fungal diversity notes 253-366: taxonomic and phylogenetic contributions to fungal taxa. <i>Fungal Diversity</i> , 2016, 78, 1-237.  | 12.3 | 239       |
| 58 | Fungal diversity notes 367-490: taxonomic and phylogenetic contributions to fungal taxa. <i>Fungal Diversity</i> , 2016, 80, 1-270.  | 12.3 | 314       |
| 59 | Neuroprotective effects of the <i>Phellinus linteus</i> ethyl acetate extract against H <sub>2</sub> O <sub>2</sub> -induced apoptotic cell death of SK-N-MC cells. <i>Nutrition Research</i> , 2016, 36, 31-43.                                 | 2.9  | 22        |
| 60 | Nematicidal Activity of Kojic Acid Produced by <i>Aspergillus oryzae</i> against <i>Meloidogyne incognita</i> . <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 1383-1391.  | 2.1  | 39        |
| 61 | Characterization of Nivalenol-Producing <i>Fusarium culmorum</i> Isolates Obtained from the Air at a Rice Paddy Field in Korea. <i>Plant Pathology Journal</i> , 2016, 32, 182-189.  | 1.7  | 7         |
| 62 | Isolation and <sup>13</sup> C-NMR Analysis of Antifungal Fengycin A and B from <i>Bacillus amyloliquefaciens</i> subsp. <i>plantarum</i> BC32-1. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 1316-1321.                           | 1.9  | 3         |
| 63 | A New Record of <i>Volutella ciliata</i> Isolated from Crop Field Soil in Korea. <i>Mycobiology</i> , 2015, 43, 71-74.   | 1.7  | 4         |
| 64 | Discovery of Two New <i>Talaromyces</i> Species from Crop Field Soil in Korea. <i>Mycobiology</i> , 2015, 43, 402-407.   | 1.7  | 7         |
| 65 | Confirmation of Two Undescribed Fungal Species from Dokdo of Korea Based on Current Classification System Using Multi Loci. <i>Mycobiology</i> , 2015, 43, 392-401.  | 1.7  | 7         |
| 66 | Characterization and Pathogenicity of <i>Alternaria burnsii</i> from Seeds of <i>Cucurbita maxima</i> (Cucurbitaceae) in Bangladesh. <i>Mycobiology</i> , 2015, 43, 384-391.   | 1.7  | 17        |
| 67 | Phylogenetic Status of an Unrecorded Species of <i>Curvularia</i> , <i>C. spicifera</i> , Based on Current Classification System of <i>Curvularia</i> and <i>Bipolaris</i> Group Using Multi Loci. <i>Mycobiology</i> , 2015, 43, 210-217.       | 1.7  | 17        |
| 68 | A New Record of <i>Gongronella butleri</i> Isolated in Korea. <i>Mycobiology</i> , 2015, 43, 166-169.  | 1.7  | 8         |
| 69 | <i>Alternaria</i> in Food: Ecophysiology, Mycotoxin Production and Toxicology. <i>Mycobiology</i> , 2015, 43, 93-106.  | 1.7  | 159       |
| 70 | Three New Records of <i>Mortierella</i> Species Isolated from Crop Field Soil in Korea. <i>Mycobiology</i> , 2015, 43, 203-209.  | 1.7  | 15        |
| 71 | Isolation and Identification of Yeasts from Wild Flowers Collected around Jangseong Lake in Jeollanam-do, Republic of Korea, and Characterization of the Unrecorded Yeast <i>Bullera coprosmaensis</i> . <i>Mycobiology</i> , 2015, 43, 266-271. | 1.7  | 11        |
| 72 | <i>Alternaria</i> species associated with araliaceous plants in Korea. <i>Mycological Progress</i> , 2015, 14, 1.  | 1.4  | 6         |

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|----|---|------|-----------|
| 73 | Antiangiogenic Activity of the Lipophilic Antimicrobial Peptides from an Endophytic Bacterial Strain Isolated from Red Pepper Leaf. <i>Molecules and Cells</i> , 2015, 38, 273-278.   | 2.6  | 23        |
| 74 | Antagonistic Activities of Novel Peptides from <i>Bacillus amyloliquefaciens</i> PT14 against <i>Fusarium solani</i> and <i>Fusarium oxysporum</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 10380-10387.                   | 5.2  | 35        |
| 75 | Fungal diversity notes 111 – taxonomic and phylogenetic contributions to fungal taxa. <i>Fungal Diversity</i> , 2015, 75, 27-274.   | 12.3 | 375       |
| 76 | Structural characterization and temperature-dependent production of C17-fengycin B derived from <i>Bacillus amyloliquefaciens</i> subsp. <i>plantarum</i> BC32-1. <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 708-713.            | 2.6  | 16        |
| 77 | Occurrence of Leaf Blight on Cosmos Caused by <i>Alternaria cosmosa</i> in Korea. <i>Plant Pathology Journal</i> , 2015, 31, 78-82.   | 1.7  | 1         |
| 78 | Endophytic Fungi from <i>Lycium chinense</i> Mill and Characterization of Two New Korean Records of <i>Colletotrichum</i> . <i>International Journal of Molecular Sciences</i> , 2014, 15, 15272-15286.   | 4.1  | 27        |
| 79 | A New Record of <i>Penicillium raphia</i> isolated from Agricultural Soil of Ulleung Island, Korea. <i>Mycobiology</i> , 2014, 42, 282-285.   | 1.7  | 7         |
| 80 | A Novel <i>Alternaria</i> Species Isolated from <i>Peucedanum japonicum</i> in Korea. <i>Mycobiology</i> , 2014, 42, 12-16.   | 1.7  | 8         |
| 81 | First Record of <i>Alternaria simsimi</i> Causing Leaf Spot on Sesame ( <i>Sesamum indicum</i> L.) in Korea. <i>Mycobiology</i> , 2014, 42, 405-408.  | 1.7  | 10        |
| 82 | Enhancing the Thermotolerance of Entomopathogenic <i>Isaria fumosorosea</i> SFP-198 Conidial Powder by Controlling the Moisture Content Using Drying and Adjuvants. <i>Mycobiology</i> , 2014, 42, 59-65.   | 1.7  | 5         |
| 83 | A New Record of <i>Pseudallescheria boydii</i> Isolated from Crop Field Soil in Korea. <i>Mycobiology</i> , 2014, 42, 397-400.  | 1.7  | 7         |
| 84 | First Report of <i>Mortierella alpina</i> (Mortierellaceae, Zygomycota) Isolated from Crop Field Soil in Korea. <i>Mycobiology</i> , 2014, 42, 401-404.   | 1.7  | 10        |
| 85 | Characterization and Pathogenicity of <i>Alternaria vanuatuensis</i> , a New Record from <i>Allium</i> Plants in Korea and China. <i>Mycobiology</i> , 2014, 42, 412-415.   | 1.7  | 4         |
| 86 | <i>Stemphylium platycodontis</i> sp. nov., isolated from <i>Platycodon grandiflorus</i> in Korea. <i>Mycological Progress</i> , 2014, 13, 477-482.  | 1.4  | 10        |
| 87 | Molecular phylogenetic status of Korean strain of <i>Podospaera xanthii</i> , a causal pathogen of powdery mildew on Japanese thistle ( <i>Cirsium japonicum</i> ) in Korea. <i>Journal of Microbiology</i> , 2012, 50, 1075-1080.                | 2.8  | 10        |
| 88 | Evaluation of insecticidal activity of a bacterial strain, <i>Serratia</i> sp. EML-SE1 against diamondback moth. <i>Journal of Microbiology</i> , 2010, 48, 541-545.  | 2.8  | 26        |
| 89 | The influence of environmental factors on growth and interactions between <i>Embellisia allii</i> and <i>Fusarium oxysporum</i> f. sp. <i>cepae</i> isolated from garlic. <i>International Journal of Food Microbiology</i> , 2010, 138, 238-242. | 4.7  | 7         |
| 90 | Antibacterial activity of two phloroglucinols, flavaspidic acids AB and PB, from <i>Dryopteris crassirhizoma</i> . <i>Archives of Pharmacal Research</i> , 2009, 32, 655-659.   | 6.3  | 53        |

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|----|---|-----|-----------|
| 91 | Phaeomoniella zymoides and Phaeomoniella pinifoliorum spp. nov., new acid-tolerant epiphytic fungi isolated from pine needles in Korea. Mycologia, 2006, 98, 598-611. | 1.9 | 3         |
| 92 | Phaeomoniella zymoides and Phaeomoniella pinifoliorum spp. nov., new acid-tolerant epiphytic fungi isolated from pine needles in Korea. Mycologia, 2006, 98, 598-611. | 1.9 | 13        |
| 93 | Alternaria in Food: Ecophysiology, Mycotoxin Production and Toxicology. , 0, .  |     | 1         |