

# Angela Mehta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4956453/publications.pdf>

Version: 2024-02-01

65  
papers

1,234  
citations

361413

20  
h-index

414414

32  
g-index

65  
all docs

65  
docs citations

65  
times ranked

1701  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Plant-pathogen interactions: what is proteomics telling us?. FEBS Journal, 2008, 275, 3731-3746.  | 4.7 | 122       |
| 2  | Identification of drought-responsive genes in roots of upland rice ( <i>Oryza sativa</i> L). BMC Genomics, 2008, 9, 485.  | 2.8 | 104       |
| 3  | Proteomic identification of differentially expressed proteins during the acquisition of somatic embryogenesis in oil palm ( <i>Elaeis guineensis</i> Jacq.). Journal of Proteomics, 2014, 104, 112-127.                               | 2.4 | 59        |
| 4  | Differentially expressed proteins in the interaction of <i>Xanthomonas axonopodis</i> pv. <i>citri</i> with leaf extract of the host plant. Proteomics, 2001, 1, 1111-1118.   | 2.2 | 55        |
| 5  | In vivo proteome analysis of <i>Xanthomonas campestris</i> pv. <i>campestris</i> in the interaction with the host plant <i>Brassica oleracea</i> . FEMS Microbiology Letters, 2008, 281, 167-174.                                     | 1.8 | 47        |
| 6  | Proteins induced by <i>Xanthomonas axonopodis</i> pv. <i>passiflorae</i> with leaf extract of the host plant ( <i>Passiflorae edulis</i> ). Proteomics, 2003, 3, 95-102.  | 2.2 | 44        |
| 7  | Comparative proteomics and gene expression analysis in <i>Arachis duranensis</i> reveal stress response proteins associated to drought tolerance. Journal of Proteomics, 2019, 192, 299-310.  | 2.4 | 39        |
| 8  | Post-secretory events alter the peptide content of the skin secretion of <i>Hypsiboas raniceps</i> . Biochemical and Biophysical Research Communications, 2008, 377, 1057-1061.   | 2.1 | 33        |
| 9  | Rootomics: The Challenge of Discovering Plant Defense-Related Proteins in Roots. Current Protein and Peptide Science, 2008, 9, 108-116.   | 1.4 | 31        |
| 10 | Comparative proteome analysis of <i>Xanthomonas campestris</i> pv. <i>campestris</i> in the interaction with the susceptible and the resistant cultivars of <i>Brassica oleracea</i> . FEMS Microbiology Letters, 2009, 298, 260-266. | 1.8 | 31        |
| 11 | A new chitinase-like xylanase inhibitor protein (XIP) from coffee ( <i>Coffea arabica</i> ) affects Soybean Asian rust ( <i>Phakopsora pachyrhizi</i> ) spore germination. BMC Biotechnology, 2011, 11, 14.                           | 3.3 | 27        |
| 12 | Proteomic Analysis of Developing Somatic Embryos of <i>Coffea arabica</i> . Plant Molecular Biology Reporter, 2012, 30, 1393-1399.  | 1.8 | 27        |
| 13 | Identification of proteins in susceptible and resistant <i>Brassica oleracea</i> responsive to <i>Xanthomonas campestris</i> pv. <i>campestris</i> infection. Journal of Proteomics, 2016, 143, 278-285.                              | 2.4 | 27        |
| 14 | ERIC and REP-PCR Banding Patterns and Sequence Analysis of the Internal Transcribed Spacer of rDNA of <i>Stemphylium solani</i> Isolates from Cotton. Current Microbiology, 2002, 44, 323-328.  | 2.2 | 26        |
| 15 | A Simple Method for In Vivo Expression Studies of <i>Xanthomonas axonopodis</i> pv. <i>citri</i> . Current Microbiology, 2003, 47, 400-3.   | 2.2 | 25        |
| 16 | Identification of host proteins modulated by the virulence factor AC2 of Tomato chlorotic mottle virus in <i>Nicotiana benthamiana</i> . Proteomics, 2013, 13, 1947-1960.   | 2.2 | 25        |
| 17 | Proteomic analysis of <i>Metarhizium anisopliae</i> secretion in the presence of the insect pest <i>Callosobruchus maculatus</i> . Microbiology (United Kingdom), 2008, 154, 3766-3774.   | 1.8 | 24        |
| 18 | Assessment of the genetic diversity of <i>Xylella fastidiosa</i> isolated from citrus in Brazil by PCR-RFLP of the 16S rDNA and 16S-23S intergenic spacer and rep-PCR fingerprinting. Antonie Van Leeuwenhoek, 2001, 79, 53-59.       | 1.7 | 23        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | MALDI-TOF MS profiling approach: how much can we get from it?. <i>Frontiers in Plant Science</i> , 2015, 6, 184.  | 3.6 | 23        |
| 20 | Screening and secretomic analysis of entomopathogenic <i>Beauveria bassiana</i> isolates in response to cowpea weevil ( <i>Callosobruchus maculatus</i> ) exoskeleton. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 145, 333-338. | 2.6 | 22        |
| 21 | Proteomic pattern alterations of the cyanobacterium <i>Synechocystis</i> sp. PCC 6803 in response to cadmium, nickel and cobalt. <i>Journal of Proteomics</i> , 2014, 102, 98-112.  | 2.4 | 21        |
| 22 | Differential accumulation of <i>Xanthomonas campestris</i> pv. <i>campestris</i> proteins during the interaction with the host plant: Contributions of an in vivo system. <i>Proteomics</i> , 2017, 17, 1700086.  | 2.2 | 20        |
| 23 | Brassica oleracea resistance-related proteins identified at an early stage of black rot disease. <i>Physiological and Molecular Plant Pathology</i> , 2018, 104, 9-14.  | 2.5 | 20        |
| 24 | Comparative proteomics between natural <i>Microcystis</i> isolates with a focus on microcystin synthesis. <i>Proteome Science</i> , 2012, 10, 38.   | 1.7 | 17        |
| 25 | Genes associated with hypersensitive response (HR) in the citrus EST database (CitEST). <i>Genetics and Molecular Biology</i> , 2007, 30, 943-956.  | 1.3 | 16        |
| 26 | Plant responses to tomato chlorotic mottle virus: Proteomic view of the resistance mechanisms to a bipartite begomovirus in tomato. <i>Journal of Proteomics</i> , 2017, 151, 284-292.  | 2.4 | 16        |
| 27 | Genotype-dependent changes of gene expression during somatic embryogenesis in oil palm hybrids ( <i>Elaeis oleifera</i> x <i>E. guineensis</i> ). <i>PLoS ONE</i> , 2018, 13, e0209445.   | 2.5 | 16        |
| 28 | Differentiation of <i>Xanthomonas</i> species by PCR-RFLP of <i>rpfB</i> and <i>atpD</i> genes. <i>FEMS Microbiology Letters</i> , 2007, 271, 33-39.  | 1.8 | 15        |
| 29 | Proteomic Analysis of Upland Rice ( <i>Oryza sativa</i> L.) Exposed to Intermittent Water Deficit. <i>Protein Journal</i> , 2014, 33, 221-230.  | 1.6 | 15        |
| 30 | Cowpea-Meloidogyne <i>incognita</i> interaction: Root proteomic analysis during early stages of nematode infection. <i>Proteomics</i> , 2015, 15, 1746-1759.  | 2.2 | 15        |
| 31 | Stress and cell cycle regulation during somatic embryogenesis plays a key role in oil palm callus development. <i>Journal of Proteomics</i> , 2019, 192, 137-146.   | 2.4 | 15        |
| 32 | Biochemical Aspects of the Soybean Response to Herbivory Injury by the Brown Stink Bug <i>Euschistus heros</i> (Hemiptera: Pentatomidae). <i>PLoS ONE</i> , 2014, 9, e109735.   | 2.5 | 14        |
| 33 | ERIC- and REP-PCR amplify non-repetitive fragments from the genome of <i>Drechslera avenae</i> and <i>Stemphylium solani</i> . <i>FEMS Microbiology Letters</i> , 2002, 211, 51-55.   | 1.8 | 13        |
| 34 | Proteomic evaluation of coffee zygotic embryos in two different stages of seed development. <i>Plant Physiology and Biochemistry</i> , 2009, 47, 1046-1050.   | 5.8 | 13        |
| 35 | Effects of acute exercise over heart proteome from monogenic obese ( <i>ob/ob</i> ) mice. <i>Journal of Cellular Physiology</i> , 2013, 228, 824-834.   | 4.1 | 13        |
| 36 | Proteomic Analysis and Functional Validation of a Brassica oleracea Endochitinase Involved in Resistance to <i>Xanthomonas campestris</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 414.  | 3.6 | 13        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | METHODOLOGICAL EVALUATION OF 2-DE TO STUDY ROOT PROTEOMICS DURING NEMATODE INFECTION IN COTTON AND COFFEE PLANTS. <i>Preparative Biochemistry and Biotechnology</i> , 2010, 40, 152-163.   | 1.9 | 12        |
| 38 | Proteomics unravels new candidate genes for Meloidogyne resistance in wild Arachis. <i>Journal of Proteomics</i> , 2020, 217, 103690.  | 2.4 | 12        |
| 39 | Diversity analysis of Bemisia tabaci biotypes: RAPD, PCR-RFLP and sequencing of the ITS1 rDNA region. <i>Genetics and Molecular Biology</i> , 2008, 31, 585-590.   | 1.3 | 11        |
| 40 | Comparing Acidovorax citrulli strains from melon and watermelon: Phenotypic characteristics, pathogenicity and genetic diversity. <i>Tropical Plant Pathology</i> , 2014, 39, 154-162.   | 1.5 | 10        |
| 41 | Quantitative expression of microRNAs in Brassica oleracea infected with Xanthomonas campestris pv. campestris. <i>Molecular Biology Reports</i> , 2019, 46, 3523-3529.   | 2.3 | 10        |
| 42 | CRISPR Genome Editing Technology: A Powerful Tool Applied to Developing Agribusiness. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 6379-6395.   | 5.2 | 10        |
| 43 | Comparative proteomical and metalloproteomical analyses of human plasma from patients with laryngeal cancer. <i>Cancer Immunology, Immunotherapy</i> , 2010, 59, 173-181.  | 4.2 | 9         |
| 44 | A year (2014â€“2015) of plants in <i>Proteomics</i> journal. Progress in wet and dry methodologies, moving from protein catalogs, and the view of classic plant biochemists. <i>Proteomics</i> , 2016, 16, 866-876.                          | 2.2 | 9         |
| 45 | Chloroplast Proteome of Nicotiana benthamiana Infected by Tomato Blistering Mosaic Virus. <i>Protein Journal</i> , 2018, 37, 290-299.  | 1.6 | 9         |
| 46 | Comparative Proteomical Analysis of Zygotic Embryo and Endosperm from Coffea arabica Seeds. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 10922-10926.   | 5.2 | 8         |
| 47 | Differential protein profiles in interspecific hybrids between Elaeis oleifera and E. guineensis with contrasting responses to somatic embryogenesis competence acquisition. <i>Plant Cell, Tissue and Organ Culture</i> , 2019, 137, 11-21. | 2.3 | 8         |
| 48 | Capacity for somatic embryogenesis of adult oil palm genitors (Elaeis guineensis, var. Pisifera) from immature leaf tissues. <i>South African Journal of Botany</i> , 2020, 131, 229-239.  | 2.5 | 8         |
| 49 | Identification of differentially expressed genes of Xanthomonas axonopodis pv. citri by representational difference analysis of cDNA. <i>Genetics and Molecular Biology</i> , 2005, 28, 140-149.   | 1.3 | 7         |
| 50 | MALDI TOF MS-profiling: Applications for bacterial and plant sample differentiation and biological variability assessment. <i>Journal of Proteomics</i> , 2020, 213, 103619.   | 2.4 | 6         |
| 51 | Proteome responses of Rhizobium tropici CIAT 899 upon apigenin and salt stress induction. <i>Applied Soil Ecology</i> , 2021, 159, 103815.   | 4.3 | 6         |
| 52 | Identification of defence-related genes expressed in coffee and citrus during infection by Xylella fastidiosa. <i>European Journal of Plant Pathology</i> , 2011, 130, 529-540.  | 1.7 | 5         |
| 53 | Shotgun proteomics coupled to transient-inducible gene silencing reveal rice susceptibility genes as new sources for blast disease resistance. <i>Journal of Proteomics</i> , 2021, 241, 104223.   | 2.4 | 5         |
| 54 | Pan Proteome of <i>Xanthomonas campestris</i> pv. <i>campestris</i> Isolates Contrasting in Virulence. <i>Proteomics</i> , 2019, 19, e1900082.   | 2.2 | 4         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | Host induced gene silencing of <i>Sclerotinia sclerotiorum</i> effector genes for the control of white mold. <i>Biocatalysis and Agricultural Biotechnology</i> , 2022, 40, 102302.                                      | 3.1 | 4         |
| 56 | NBS-LRR-WRKY genes and protease inhibitors (PIs) seem essential for cowpea resistance to root-knot nematode. <i>Journal of Proteomics</i> , 2022, 261, 104575.   | 2.4 | 4         |
| 57 | Validation of an in vitro system for studies of pathogenicity mechanisms in <i>Xanthomonas campestris</i> . <i>FEMS Microbiology Letters</i> , 2017, 364, .  | 1.8 | 3         |
| 58 | Signaling pathways in a Citrus EST database. <i>Genetics and Molecular Biology</i> , 2007, 30, 734-751.  | 1.3 | 2         |
| 59 | Análise da diversidade genética de isolados de <i>Xanthomonas axonopodis</i> pv. <i>malvacearum</i> do algodoeiro. <i>Summa Phytopathologica</i> , 2009, 35, 105-109.  | 0.1 | 2         |
| 60 | Proteomic screening for the identification of proteins involved in resistance to <i>Xanthomonas campestris</i> pv. <i>malvacearum</i> in cotton. <i>Physiological and Molecular Plant Pathology</i> , 2021, 113, 101562. | 2.5 | 2         |
| 61 | Seasonal differences in seminal plasma proteins from two bovine breeds adapted to a subtropical climate. <i>Tropical Animal Health and Production</i> , 2021, 53, 61.  | 1.4 | 1         |
| 62 | Variabilidade genética entre isolados de <i>Colletotrichum gossypii</i> do algodoeiro. <i>Summa Phytopathologica</i> , 2010, 36, 40-44.  | 0.1 | 1         |
| 63 | Priming of defense-related genes in <i>Brassica oleracea</i> var. <i>capitata</i> using concentrated metabolites produced by <i>Rhizobium tropici</i> CIAT 899. <i>Brazilian Journal of Microbiology</i> , 2022, , 1.    | 2.0 | 0         |
| 64 | ERIC- and REP-PCR amplify non-repetitive fragments from the genome of <i>Drechslera avenae</i> and <i>Stemphylium solani</i> . <i>FEMS Microbiology Letters</i> , 2002, 211, 51-55.                                      | 1.8 | 0         |
| 65 | Proteome dataset of <i>Hemileia vastatrix</i> by LC-MS/MS label-free identification. <i>Data in Brief</i> , 2022, 43, 108433.  | 1.0 | 0         |