# Gyorgy Szittya

List of Publications by Year
in descending order



| 34 | 4,264 | 279701 | 360920 |
|---|---|---|---|
| papers | citations | 23 h-index | 35 g-index |

| 35 | 35 | 35 | 3923 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Suppression of <scp>NBâ€ŁRR</scp> genes by miRNAs promotes nitrogenâ€fixing nodule development in <scp>Medicago truncatula</scp>. Plant, Cell and Environment, 2020, 43, 1117-1129. | 2.8 | 14 |
| 2 | Genome-Wide Identification of RNA Silencing-Related Genes and Their Expressional Analysis in Response to Heat Stress in Barley (Hordeum vulgare L.). Biomolecules, 2020, 10, 929. | 1.8 | 14 |
| 3 | Regulation of High-Temperature Stress Response by Small RNAs. Concepts and Strategies in Plant Sciences, 2020, , 171-197. | 0.6 | 3 |
| 4 | AGO-unbound cytosolic pool of mature miRNAs in plant cells reveals a novel regulatory step at AGO1 loading. Nucleic Acids Research, 2019, 47, 9803-9817. | 6.5 | 38 |
| 5 | Molecular characterization and In Vitro synthesis of infectious RNA of a Turnip vein-clearing virus isolated from Alliaria petiolata in Hungary. PLoS ONE, 2019, 14, e0224398. | 1.1 | 2 |
| 6 | Transcriptome reprogramming in the shoot apical meristem of CymRSVâ€infected Nicotiana benthamiana plants associates with viral exclusion and the lack of recovery. Molecular Plant Pathology, 2019, 20, 1748-1758. | 2.0 | 11 |
| 7 | Ambient temperature regulates the expression of a small set of sRNAs influencing plant development through NFâ€YA2 and YUC2. Plant, Cell and Environment, 2018, 41, 2404-2417. | 2.8 | 67 |
| 8 | Expansion of Capsicum annum fruit is linked to dynamic tissue-specific differential expression of miRNA and siRNA profiles. PLoS ONE, 2018, 13, e0200207. | 1.1 | 8 |
| 9 | First report of the infection of alfalfa mosaic virus in Salvia sclarea in Hungary. Journal of Plant Pathology, 2018, 100, 607-607. | 0.6 | 7 |
| 10 | Identification of ARGONAUTE/Small RNA Cleavage Sites by Degradome Sequencing. Methods in Molecular Biology, 2017, 1640, 113-128. | 0.4 | 1 |
| 11 | Molecular characterization of a beet ringspot nepovirus isolated from Begonia ricinifolia in Hungary. Archives of Virology, 2017, 162, 3559-3562. | 0.9 | 7 |
| 12 | Identification of Nicotiana benthamiana microRNAs and their targets using high throughput sequencing and degradome analysis. BMC Genomics, 2015, 16, 1025. | 1.2 | 37 |
| 13 | NGS of Virus-Derived Small RNAs as a Diagnostic Method Used to Determine Viromes of Hungarian Vineyards. Frontiers in Microbiology, 2015, 9, 122. | 1.5 | 95 |
| 14 | RNA Interference-Mediated Intrinsic Antiviral Immunity in Plants. Current Topics in Microbiology and Immunology, 2013, 371, 153-181. | 0.7 | 98 |
| 15 | PAREsnip: a tool for rapid genome-wide discovery of small RNA/target interactions evidenced through degradome sequencing. Nucleic Acids Research, 2012, 40, e103-e103. | 6.5 | 96 |
| 16 | Diverse correlation patterns between microRNAs and their targets during tomato fruit development indicates different modes of microRNA actions. Planta, 2012, 236, 1875-1887. | 1.6 | 90 |
| 17 | Profiling of short RNAs during fleshy fruit development reveals stageâ€specific sRNAome expression patterns. Plant Journal, 2011, 67, 232-246. | 2.8 | 138 |
| 18 | Identification of grapevine microRNAs and their targets using high-throughput sequencing and degradome analysis. Plant Journal, 2010, 62, no-no. | 2.8 | 53 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 19 | Structural and Functional Analysis of Viral siRNAs. PLoS Pathogens, 2010, 6, e1000838. | 2.1 | 128 |
| 20 | Identification of grapevine microRNAs and their targets using high throughput sequencing and degradome analysis. Plant Journal, 2010, 62, 960-76. | 2.8 | 335 |
| 21 | High-throughput sequencing of Medicago truncatula short RNAs identifies eight new miRNA families. BMC Genomics, 2008, 9, 593. | 1.2 | 248 |
| 22 | Deep sequencing of tomato short RNAs identifies microRNAs targeting genes involved in fruit ripening. Genome Research, 2008, 18, 1602-1609. | 2.4 | 423 |
| 23 | Molecular Bases of Viral RNA Targeting by Viral Small Interfering RNA-Programmed RISC. Journal of Virology, 2007, 81, 3797-3806. | 1.5 | 155 |
| 24 | Molecular mechanism of RNA silencing suppression mediated by p19 protein of tombusviruses. EMBO Journal, 2004, 23, 876-884. | 3.5 | 357 |
| 25 | Low temperature inhibits RNA silencing-mediated defence by the control of siRNA generation. EMBO Journal, 2003, 22, 633-640. | 3.5 | 416 |
| 26 | Size Selective Recognition of siRNA by an RNA Silencing Suppressor. Cell, 2003, 115, 799-811. | 13.5 | 494 |
| 27 | Short Defective Interfering RNAs of Tombusviruses Are Not Targeted but Trigger Post-Transcriptional Gene Silencing against Their Helper Virus. Plant Cell, 2002, 14, 359-372. | 3.1 | 215 |
| 28 | A viral protein suppresses RNA silencing and binds silencing-generated, 21- to 25-nucleotide double-stranded RNAs. EMBO Journal, 2002, 21, 3070-3080. | 3.5 | 562 |
| 29 | Size-dependent cell-to-cell movement of defective interfering RNAs of Cymbidium ringspot virus. Journal of General Virology, 2002, 83, 1505-1510. | 1.3 | 8 |
| 30 | Cymbidium Ringspot Tombusvirus Coat Protein Coding Sequence Acts as an Avirulent RNA. Journal of Virology, 2001, 75, 2411-2420. | 1.5 | 31 |
| 31 | The ORF1 Products of Tombusviruses Play a Crucial Role in Lethal Necrosis of Virus-Infected Plants. Journal of Virology, 2000, 74, 10873-10881. | 1.5 | 41 |
| 32 | The complete nucleotide sequence and synthesis of infectious RNA of genomic and defective interfering RNAs of TBSV-P. Virus Research, 2000, 69, 131-136. | 1.1 | 16 |
| 33 | Characterization of the Molecular Mechanism of Defective Interfering RNA-Mediated Symptom Attenuation in Tombusvirus-Infected Plants. Journal of Virology, 1998, 72, 6251-6256. | 1.5 | 28 |
| 34 | Generation of Defective Interfering RNA Dimers of Cymbidium Ringspot Tombusvirus. Virology, 1995, 207, 510-517. | 1.1 | 23 |