

### **Abiotic stress responses and microbe-mediated mitigation in plants: The omics strategies**

Meena, Kamlesh K.; Sorty, Ajay M.; Bitla, Utkarsh M.; Choudhary, Khushboo; Gupta, Priyanka; Pareek, Ashwani; Singh, Dhananjaya P.; Prabha, Ratna; Sahu, Pramod K.; **Gupta, Vijai Kumar** *Frontiers in plant science* 2017 / art. 172, 25 p. : ill

<https://doi.org/10.3389/fpls.2017.00172> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparative study of cereal varieties by analytical separation methods and chemometrics = Teraviljasortide võrdlev uurimus analüütiliste lahutusmeetodite ja kemomeetria abil**

Levandi, Tuuli 2013 <https://digi.lib.ttu.ee/i/?899> [https://www.ester.ee/record=b2948245\\*est](https://www.ester.ee/record=b2948245*est)

### **Current state of the art of analyte scope in urine metabolome analysis by non-hydrogenative PHIP**

Reimets, Nele; Ausmees, Kerti; Reile, Indrek *Journal of Magnetic Resonance Open* 2024 / art. 100171, 5 p. : ill

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### **Energy Metabolism of Cancer: Unravelling Complexities Through Multiparameter Metabolic Analysis = Energia metabolism vähis: multiparametriline metaboolne analüüs**

Miller, Sten 2025 [https://www.ester.ee/record=b5747050\\*est](https://www.ester.ee/record=b5747050*est) <https://digikogu.taltech.ee/et/Item/a9603772-0df6-4da7-a018-55213b451759>

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### **Inhibition of pyruvate dehydrogenase kinase influence microbiota and metabolomic profile in pancreatic cancer xenograft mice**

Adamberg, Kaarel; Vilu, Raivo; Paziienza, Valerio *BMC Research Notes* 2020 / art. 540 <https://doi.org/10.1186/s13104-020-05384-9>

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### **Kemeny-Snell distance in nuclear magnetic resonance metabolomics**

Shin, Min-Ji; Vesikioja, Tarmo; Titma, Tiina; Samoson, Ago *Applied magnetic resonance* 2020 / p. 1637–1645

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### **A line-broadening free real-time 31P pure shift NMR method for phosphometabolomic analysis**

Kaup, Karl Kristjan; Toom, Lauri; Truu, Laura; Miller, Sten; Puurand, Marju; Tepp, Kersti; Käämbre, Tuuli; Reile, Indrek *Analyst* 2021

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### **New insights into the evolution of host specificity of three *Penicillium* species and the pathogenicity of *P. italicum* involving the infection of Valencia orange (*Citrus sinensis*)**

Gong, Liang; Liu, Yongfeng; Xiong, Yehui; Li, Taotao; Yin, Chunxiao; Zhao, Juanni; Yu, Jialin; Yin, Qi; **Gupta, Vijai Kumar**; Jiang, Yueming *Virulence* 2020 / 20 p. : ill <https://doi.org/10.1080/21505594.2020.1773038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal](#)

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### **Parahydrogen hyperpolarization of minimally altered urine samples for sensitivity enhanced NMR metabolomics**

Ausmees, Kerti; Reimets, Nele; Reile, Indrek *Chemical communications* 2022 / p. 463–466 <https://doi.org/10.1039/d1cc05665d>

### **Understanding Parahydrogen Hyperpolarized Urine Spectra : The Case of Adenosine Derivatives**

Ausmees, Kerti; Reimets, Nele; Reile, Indrek *Molecules* 2022 / art. 802, 9 p. : ill <https://doi.org/10.3390/molecules27030802>