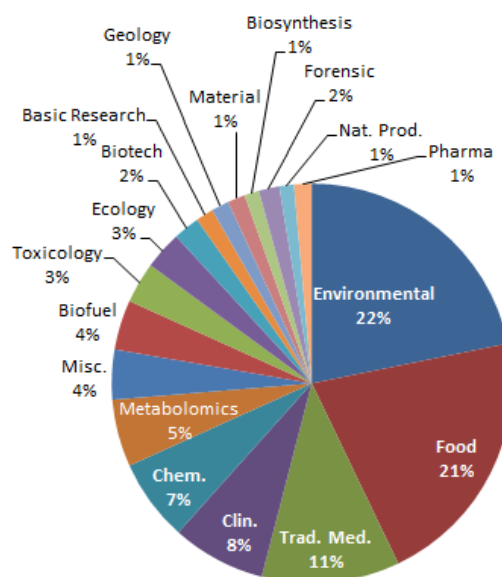


Přehled aplikací GC-MS

Typ MS	Časové období	Celkem	Aplikace	Publikace	Ostatní
Celkem		671	118	513	40
QTOF	2011-2013	33	5	13	15
TQ	2008-2013	172	37	128	7
MSD	Aplikace: 2005-14 Publikace: 2013/14	466	76	372	18

* Zdroj: Google Scholar, e-Library

GC-MS (Q) 5975, 5977 Typy aplikací



GC-MS (Q) 5975, 5977 aplikace pro biotechnologie a biosyntézu

- Simultaneous enrichment of cereals with polyunsaturated fatty acids and pigments by fungal solid state fermentations
- De novo biosynthesis of linoleic acid and its conversion to the hydrocarbon (Z,Z)-6,9-heptadecadiene in the astigmatid mite, *Carpoglyphus lactis*: Incorporation experiments with ^{13}C -labeled glucose

- **Microwave assisted green synthesis of aryl methoxylated benzamides and 2-oxazolines from biomass**
- **An efficient and economical process for lignin depolymerization in biomass-derived solvent tetrahydrofuran**
- **Enzymatic production of 3,6-anhydro-l-galactose from agarose and its purification and in vitro skin whitening and anti-inflammatory activities**
- **Mannitol metabolism in brown algae involves a new phosphatase family**
- **Exhaled breath analysis with electronic nose technology for detection of acute liver failure in rats**
- **Identification of the common antigenic determinant shared by Streptococcus pneumoniae serotypes 33A, 35A, and 20 capsular polysaccharides**
- **Curcumin promotes exosomes/microvesicles secretion that attenuates lysosomal cholesterol traffic impairment**
- **Enhancement of Long-Chain Fatty Acid Production in Escherichia coli by Coexpressing Genes, Including fabF, Involved in the Elongation Cycle of Fatty Acid Biosynthesis**
- **Azorhizobium oxalatophilum sp. nov., and emended description of the genus Azorhizobium**
- **Co-production of furfural and acetic acid from corncob using ZnCl₂ through fast pyrolysis in a fluidized bed reactor**
- **Synthesis of biolubricants using sulfated zirconia catalysts**
- **Protein engineering of nitrobenzene dioxygenase for enantioselective synthesis of chiral sulfoxides**
- **Protozoa stimulate N uptake and growth of arbuscular mycorrhizal plants**