# Nitin Uttam Kamble

List of Publications by Year
in descending order

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| 16 | 559 | 840119 11 | 940134 16 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 16 | 16 | 16 | 643 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Differentially expressed seed aging responsive heat shock protein OsHSP18.2 implicates in seed vigor, longevity and improves germination and seedling establishment under abiotic stress. Frontiers in Plant Science, 2015, 6, 713. | 1.7 | 103 |
| 2 | Differentially expressed galactinol synthase(s) in chickpea are implicated in seed vigor and longevity by limiting the age induced ROS accumulation. Scientific Reports, 2016, 6, 35088. | 1.6 | 76 |
| 3 | Stress-Inducible Galactinol Synthase of Chickpea (CaGolS) is Implicated in Heat and Oxidative Stress Tolerance Through Reducing Stress-Induced Excessive Reactive Oxygen Species Accumulation. Plant and Cell Physiology, 2018, 59, 155-166. | 1.5 | 76 |
| 4 | Rice PROTEIN <scp>l</scp>â€ISOASPARTYL METHYLTRANSFERASE isoforms differentially accumulate during seed maturation to restrict deleterious isoAsp and reactive oxygen species accumulation and are implicated in seed vigor and longevity. New Phytologist, 2016, 211, 627-645. | 3.5 | 63 |
| 5 | Differentially expressed myo-inositol monophosphatase gene (CaIMP) in chickpea (Cicer arietinum L.) encodes a lithium-sensitive phosphatase enzyme with broad substrate specificity and improves seed germination and seedling growth under abiotic stresses. Journal of Experimental Botany, 2013, 64, 5623-5639. | 2.4 | 56 |
| 6 | Ectopic overexpression of cytosolic ascorbate peroxidase gene (Apx1) improves salinity stress tolerance in Brassica juncea by strengthening antioxidative defense mechanism. Acta Physiologiae Plantarum, 2020, 42, 1. | 1.0 | 37 |
| 7 | Ectopic over-expression of ABA-responsive Chickpea galactinol synthase (CaGolS) gene results in improved tolerance to dehydration stress by modulating ROS scavenging. Environmental and Experimental Botany, 2020, 171, 103957. | 2.0 | 34 |
| 8 | Arabidopsis SKP1-like protein13 (ASK13) positively regulates seed germination and seedling growth under abiotic stress. Journal of Experimental Botany, 2018, 69, 3899-3915. | 2.4 | 33 |
| 9 | Arabidopsis protein l-ISOASPARTYL METHYLTRANSFERASE repairs isoaspartyl damage to antioxidant enzymes and increases heat and oxidative stress tolerance. Journal of Biological Chemistry, 2020, 295, 783-799. | 1.6 | 20 |
| 10 | Arabidopsisprotein l-ISOASPARTYL METHYLTRANSFERASE repairs isoaspartyl damage to antioxidant enzymes and increases heat and oxidative stress tolerance. Journal of Biological Chemistry, 2020, 295, 783-799. | 1.6 | 16 |
| 11 | A protein repairing enzyme, PROTEIN L- ISOASPARTYL METHYLTRANSFERASE is involved in salinity stress tolerance by increasing efficiency of ROS-scavenging enzymes. Environmental and Experimental Botany, 2020, 180, 104266. | 2.0 | 11 |
| 12 | ABI transcription factors and PROTEIN L-ISOASPARTYL METHYLTRANSFERASE module mediate seed desiccation tolerance and longevity in Oryza sativa. Development (Cambridge), 2022, 149, . | 1.2 | 11 |
| 13 | PROTEIN <scp>l</scp>-ISOASPARTYL METHYLTRANSFERASE (PIMT) in plants: regulations and functions. Biochemical Journal, 2020, 477, 4453-4471. | 1.7 | 8 |
| 14 | Deciphering the structural basis of the broad substrate specificity of myo-inositol monophosphatase (IMP) from Cicer arietinum. International Journal of Biological Macromolecules, 2020, 151, 967-975. | 3.6 | 6 |
| 15 | A conserved NAG motif is critical to the catalytic activity of galactinol synthase, a key regulatory enzyme of RFO biosynthesis. Biochemical Journal, 2021, 478, 3939-3955. | 1.7 | 5 |
| 16 | Arabidopsis ABSCISIC ACID INSENSITIVE4 targets PROTEIN L-ISOASPARTYL METHYLTRANSFERASE1 in seed. Planta, 2022, 256, . | 1.6 | 4 |