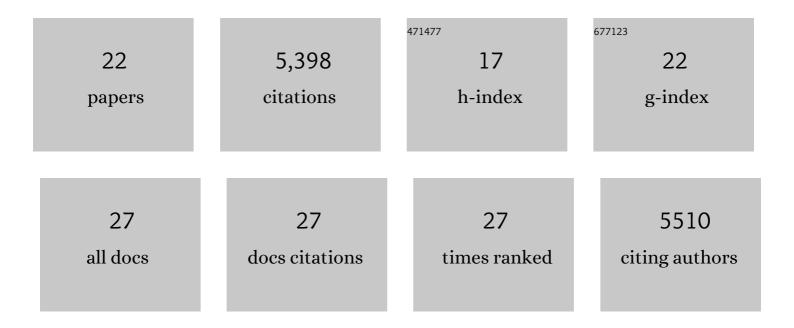
Stefan Kepinski

List of Publications by Year in descending order

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STEEAN KEDINGKI

| # | Article | lF | CITATIONS |
|----|---|------|-----------|
| 1 | The Arabidopsis F-box protein TIR1 is an auxin receptor. Nature, 2005, 435, 446-451. | 27.8 | 1,525 |
| 2 | Auxin regulates SCFTIR1-dependent degradation of AUX/IAA proteins. Nature, 2001, 414, 271-276. | 27.8 | 1,205 |
| 3 | A novel sensor to map auxin response and distribution at high spatio-temporal resolution. Nature, 2012, 482, 103-106. | 27.8 | 664 |
| 4 | A combinatorial TIR1/AFB–Aux/IAA co-receptor system for differential sensing of auxin. Nature Chemical Biology, 2012, 8, 477-485. | 8.0 | 490 |
| 5 | Structural Basis for DNA Binding Specificity by the Auxin-Dependent ARF Transcription Factors. Cell, 2014, 156, 577-589. | 28.9 | 348 |
| 6 | HSP90 regulates temperature-dependent seedling growth in Arabidopsis by stabilizing the auxin co-receptor F-box protein TIR1. Nature Communications, 2016, 7, 10269. | 12.8 | 210 |
| 7 | Auxin-induced SCFTIR1-Aux/IAA interaction involves stable modification of the SCFTIR1 complex. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 12381-12386. | 7.1 | 176 |
| 8 | The Arabidopsis <i>MALE MEIOCYTE DEATH1</i> Gene Encodes a PHD-Finger Protein That Is Required for Male Meiosis. Plant Cell, 2003, 15, 1281-1295. | 6.6 | 168 |
| 9 | Auxin Controls Gravitropic Setpoint Angle in Higher Plant Lateral Branches. Current Biology, 2013, 23, 1497-1504. | 3.9 | 116 |
| 10 | Defining Binding Efficiency and Specificity of Auxins for SCF ^{TIR1/AFB} -Aux/IAA Co-receptor Complex Formation. ACS Chemical Biology, 2014, 9, 673-682. | 3.4 | 100 |
| 11 | Plant Development: Auxin in Loops. Current Biology, 2005, 15, R208-R210. | 3.9 | 75 |
| 12 | Shoot and root branch growth angle control—the wonderfulness of lateralness. Current Opinion in Plant Biology, 2015, 23, 124-131. | 7.1 | 69 |
| 13 | Integrating hormone signaling and patterning mechanisms in plant development. Current Opinion in Plant Biology, 2006, 9, 28-34. | 7.1 | 52 |
| 14 | The developmental and environmental regulation of gravitropic setpoint angle in Arabidopsis and bean. Scientific Reports, 2017, 7, 42664. | 3.3 | 44 |
| 15 | Direct ETTIN-auxin interaction controls chromatin states in gynoecium development. ELife, 2020, 9, . | 6.0 | 40 |
| 16 | Plant science decadal vision 2020–2030: Reimagining the potential of plants for a healthy and sustainable future. Plant Direct, 2020, 4, e00252. | 1.9 | 26 |
| 17 | Selective auxin agonists induce specific AUX/IAA protein degradation to modulate plant development. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6463-6472. | 7.1 | 23 |
| 18 | Genetic Screening for Mutants with Altered Seminal Root Numbers in Hexaploid Wheat Using a High-Throughput Root Phenotyping Platform. G3: Genes, Genomes, Genetics, 2019, 9, 2799-2809. | 1.8 | 17 |

STEFAN KEPINSKI

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 19 | New fluorescent auxin probes visualise tissueâ€specific and subcellular distributions of auxin in Arabidopsis. New Phytologist, 2021, 230, 535-549. | 7.3 | 15 |
| 20 | SCF-Mediated Proteolysis and Negative Regulation in Ethylene Signaling. Cell, 2003, 115, 647-648. | 28.9 | 14 |
| 21 | The Arabidopsis JAGGED LATERAL ORGANS (JLO) gene sensitizes plants to auxin. Journal of Experimental Botany, 2017, 68, 2741-2755. | 4.8 | 11 |
| 22 | Analysis of Gravitropic Setpoint Angle Control in Arabidopsis. Methods in Molecular Biology, 2015, 1309, 31-41. | 0.9 | 4 |