

Gozde S Demirer

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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|-------------------|-------------------------|-----------------|-----------------|
| 28 papers | 980 citations | 12 h-index | 31 g-index |
| 35 ext. papers | 1,379 ext. citations | 10.7 avg, IF | 4.79 L-index |

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 28 | Toolboxes for plant systems biology research.. <i>Current Opinion in Biotechnology</i> , 2022 , 75, 102692 | 11.4 | 0 |
| 27 | GLRs: Mediating a defense-regeneration tradeoff in plants.. <i>Developmental Cell</i> , 2022 , 57, 417-418 | 10.2 | 0 |
| 26 | Wonder Wheat: A Disease-Resistant Crop Without Growth Tradeoff 2022 , 1, 133-134 | | |
| 25 | Nanoparticle cellular internalization is not required for RNA delivery to mature plant leaves. <i>Nature Nanotechnology</i> , 2021 , | 28.7 | 7 |
| 24 | Nanotechnology to advance CRISPR-Cas genetic engineering of plants. <i>Nature Nanotechnology</i> , 2021 , 16, 243-250 | 28.7 | 36 |
| 23 | Gold-Nanocluster-Mediated Delivery of siRNA to Intact Plant Cells for Efficient Gene Knockdown. <i>Nano Letters</i> , 2021 , 21, 5859-5866 | 11.5 | 16 |
| 22 | Efficient Transient Gene Knock-down in Tobacco Plants Using Carbon Nanocarriers. <i>Bio-protocol</i> , 2021 , 11, e3897 | 0.9 | 1 |
| 21 | A Ratiometric Dual Color Luciferase Reporter for Fast Characterization of Transcriptional Regulatory Elements in Plants. <i>ACS Synthetic Biology</i> , 2021 , 10, 2763-2766 | 5.7 | 2 |
| 20 | Carbon nanotube biocompatibility in plants is determined by their surface chemistry.. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 431 | 9.4 | 2 |
| 19 | Carbon nanocarriers deliver siRNA to intact plant cells for efficient gene knockdown. <i>Science Advances</i> , 2020 , 6, eaaz0495 | 14.3 | 56 |
| 18 | Engineering DNA nanostructures for siRNA delivery in plants. <i>Nature Protocols</i> , 2020 , 15, 3064-3087 | 18.8 | 13 |
| 17 | Nanobiologics: An Emerging Genetic Transformation Approach. <i>Methods in Molecular Biology</i> , 2020 , 2124, 141-159 | 1.4 | 2 |
| 16 | DNA nanostructures coordinate gene silencing in mature plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 7543-7548 | 11.5 | 103 |
| 15 | High aspect ratio nanomaterials enable delivery of functional genetic material without DNA integration in mature plants. <i>Nature Nanotechnology</i> , 2019 , 14, 456-464 | 28.7 | 228 |
| 14 | Nanotubes Effectively Deliver siRNA to Intact Plant Cells and Protect siRNA Against Nuclease Degradation. <i>SSRN Electronic Journal</i> , 2019 , | 1 | 4 |
| 13 | Nanoparticle-Mediated Genetic Engineering of Plants. <i>Molecular Plant</i> , 2019 , 12, 1037-1040 | 14.4 | 31 |
| 12 | Carbon nanotube-mediated DNA delivery without transgene integration in intact plants. <i>Nature Protocols</i> , 2019 , 14, 2954-2971 | 18.8 | 67 |

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| 11 | Nanoparticle-Mediated Delivery towards Advancing Plant Genetic Engineering. <i>Trends in Biotechnology</i> , 2018 , 36, 882-897 | 15.1 | 194 |
| 10 | Nanoparticle-Guided Biomolecule Delivery for Transgene Expression and Gene Silencing in Mature Plants. <i>Biophysical Journal</i> , 2018 , 114, 217a | 2.9 | 9 |
| 9 | Engineering Molecular Recognition with Bio-mimetic Polymers on Single Walled Carbon Nanotubes. <i>Journal of Visualized Experiments</i> , 2017 , | 1.6 | 6 |
| 8 | Nanoparticle-Templated Molecular Recognition Platforms for Detection of Biological Analytes. <i>Current Protocols in Chemical Biology</i> , 2016 , 8, 197-223 | 1.8 | 23 |
| 7 | Synthesis and design of biologically inspired biocompatible iron oxide nanoparticles for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 7831-7849 | 7.3 | 88 |
| 6 | Targeted delivery of doxorubicin into tumor cells via MMP-sensitive PEG hydrogel-coated magnetic iron oxide nanoparticles (MIONPs). <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 122, 674-683 | 6 | 71 |
| 5 | High Aspect Ratio Nanomaterials Enable Delivery of Functional Genetic Material Without DNA Integration in Mature Plants | | 12 |
| 4 | DNA Nanostructures Coordinate Gene Silencing in Mature Plants | | 1 |
| 3 | Nanotubes effectively deliver siRNA to intact plant cells and protect siRNA against nuclease degradation | | 5 |
| 2 | Gold nanocluster mediated delivery of siRNA to intact plant cells for efficient gene knockdown | | 1 |
| 1 | Carbon nanotube biocompatibility in plants is determined by their surface chemistry | | 1 |