

# Andreas Reisch

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

1,781  
citations

394421

19  
h-index

477307

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2256  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Fluorescent Polymer Nanoparticles Based on Dyes: Seeking Brighter Tools for Bioimaging. <i>Small</i> , 2016, 12, 1968-1992.   | 10.0 | 487       |
| 2  | Collective fluorescence switching of counterion-assembled dyes in polymer nanoparticles. <i>Nature Communications</i> , 2014, 5, 4089.  | 12.8 | 161       |
| 3  | Giant light-harvesting nanoantenna for single-molecule detection in ambient light. <i>Nature Photonics</i> , 2017, 11, 657-663.   | 31.4 | 133       |
| 4  | Charge-Controlled Nanoprecipitation as a Modular Approach to Ultrasmall Polymer Nanocarriers: Making Bright and Stable Nanoparticles. <i>ACS Nano</i> , 2015, 9, 5104-5116.                 | 14.6 | 107       |
| 5  | Fluorescent Polymer Nanoparticles for Cell Barcoding In Vitro and In Vivo. <i>Small</i> , 2017, 13, 1701582.  | 10.0 | 95        |
| 6  | Fighting Aggregation-Induced Quenching and Leakage of Dyes in Fluorescent Polymer Nanoparticles: Universal Role of Counterion. <i>Chemistry - an Asian Journal</i> , 2019, 14, 836-846.     | 3.3  | 92        |
| 7  | Light-Harvesting Nanoparticle Probes for FRET-Based Detection of Oligonucleotides with Single-Molecule Sensitivity. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6811-6818. | 13.8 | 75        |
| 8  | Fluorinated counterion-enhanced emission of rhodamine aggregates: ultrabright nanoparticles for bioimaging and light-harvesting. <i>Nanoscale</i> , 2015, 7, 18198-18210.                   | 5.6  | 74        |
| 9  | Tuning the color and photostability of perylene diimides inside polymer nanoparticles: towards biodegradable substitutes of quantum dots. <i>Nanoscale</i> , 2014, 6, 12934-12942.          | 5.6  | 69        |
| 10 | Tailoring Fluorescence Brightness and Switching of Nanoparticles through Dye Organization in the Polymer Matrix. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 43030-43042.      | 8.0  | 61        |
| 11 | Ultrabright Fluorescent Polymeric Nanoparticles with a Stealth Pluronic Shell for Live Tracking in the Mouse Brain. <i>ACS Nano</i> , 2020, 14, 9755-9770.                                  | 14.6 | 48        |
| 12 | Protein-Sized Bright Fluorogenic Nanoparticles Based on Cross-Linked Calixarene Micelles with Cyanine Corona. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15884-15888.     | 13.8 | 45        |
| 13 | Protein-Sized Dye-Loaded Polymer Nanoparticles for Free Particle Diffusion in Cytosol. <i>Advanced Functional Materials</i> , 2018, 28, 1805157.  | 14.9 | 44        |
| 14 | BODIPY-loaded polymer nanoparticles: chemical structure of cargo defines leakage from nanocarrier in living cells. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5199-5210.            | 5.8  | 43        |
| 15 | Lanthanide-Complex-Loaded Polymer Nanoparticles for Background-Free Single-Particle and Live-Cell Imaging. <i>Chemistry of Materials</i> , 2019, 31, 4034-4041.                             | 6.7  | 37        |
| 16 | Controlling Size and Fluorescence of Dye-Loaded Polymer Nanoparticles through Polymer Design. <i>Langmuir</i> , 2019, 35, 7009-7017.  | 3.5  | 31        |
| 17 | Enzyme-free amplified detection of cellular microRNA by light-harvesting fluorescent nanoparticle probes. <i>Biosensors and Bioelectronics</i> , 2021, 179, 113084.                         | 10.1 | 29        |
| 18 | Light-Harvesting Nanoparticle Probes for FRET-Based Detection of Oligonucleotides with Single-Molecule Sensitivity. <i>Angewandte Chemie</i> , 2020, 132, 6878-6885.                        | 2.0  | 21        |

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|----|---|------|-----------|
| 19 | An aluminium-based fluorinated counterion for enhanced encapsulation and emission of dyes in biodegradable polymer nanoparticles. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2309-2316.  | 5.9  | 19        |
| 20 | Microcavity-Enhanced Fluorescence Energy Transfer from Quantum Dot Excited Whispering Gallery Modes to Acceptor Dye Nanoparticles. <i>ACS Nano</i> , 2021, 15, 1445-1453.   | 14.6 | 19        |
| 21 | Zwitterionic Stealth Dye-Loaded Polymer Nanoparticles for Intracellular Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 117-125.   | 8.0  | 18        |
| 22 | Size-Dependent Electroporation of Dye-Loaded Polymer Nanoparticles for Efficient and Safe Intracellular Delivery. <i>Small Methods</i> , 2021, 5, e2000947.   | 8.6  | 14        |
| 23 | Amplified Fluorescence <i>in Situ</i> Hybridization by Small and Bright Dye-Loaded Polymeric Nanoparticles. <i>ACS Nano</i> , 2022, 16, 1381-1394.  | 14.6 | 11        |
| 24 | Lanthanide-based bulky counterions against aggregation-caused quenching of dyes in fluorescent polymeric nanoparticles. <i>Aggregate</i> , 2022, 3, e130.   | 9.9  | 10        |
| 25 | Counterion-insulated near-infrared dyes in biodegradable polymer nanoparticles for <i>in vivo</i> imaging. <i>Nanoscale Advances</i> , 2021, 4, 39-48.  | 4.6  | 10        |
| 26 | Assembly of Fluorescent Polymer Nanoparticles Using Different Microfluidic Mixers. <i>Langmuir</i> , 2022, 38, 7945-7955.   | 3.5  | 9         |
| 27 | Bulky Barbiturates as Non-toxic Ionic Dye Insulators for Enhanced Emission in Polymeric Nanoparticles. <i>Chemistry - A European Journal</i> , 2021, 27, 12877-12883.   | 3.3  | 6         |
| 28 | Protein-like particles through nanoprecipitation of mixtures of polymers of opposite charge. <i>Journal of Colloid and Interface Science</i> , 2022, 607, 1786-1795.  | 9.4  | 5         |
| 29 | Dynamic tracing using ultra-bright labeling and multi-photon microscopy identifies endothelial uptake of poloxamer 188 coated poly(lactic-co-glycolic acid) nano-carriers <i>in vivo</i> . <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 40, 102511. | 3.3  | 5         |