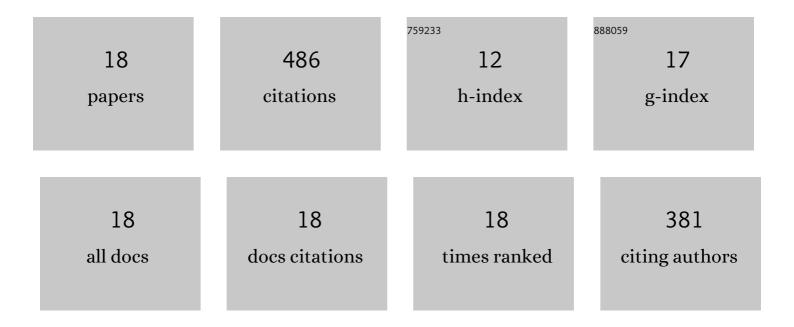
## Yanfeng Gao

List of Publications by Year in descending order

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YANFENC CAO

| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Hypoxiaâ€Responsive Platinum Supernanoparticles for Urinary Microfluidic Monitoring of Tumors.<br>Angewandte Chemie - International Edition, 2022, 61, .   | 13.8 | 8         |
| 2  | Nanomaterial-assisted microfluidics for multiplex assays. Mikrochimica Acta, 2022, 189, 139.   | 5.0  | 16        |
| 3  | Hollow covalent organic framework-sheltering CRISPR/Cas12a as an in-vivo nanosensor for ATP imaging. Biosensors and Bioelectronics, 2022, 209, 114239.   | 10.1 | 28        |
| 4  | Aptazyme-induced cascade amplification integrated with a volumetric bar-chart chip for highly sensitive detection of aflatoxin B1 and adenosine triphosphate. Analyst, The, 2022, 147, 2500-2507.              | 3.5  | 7         |
| 5  | Chylomicrons-Simulating Sustained Drug Release in Mesenteric Lymphatics for the Treatment of<br>Crohn's-Like Colitis. Journal of Crohn's and Colitis, 2021, 15, 631-646.                                       | 1.3  | 11        |
| 6  | Recent near-infrared light-activated nanomedicine toward precision cancer therapy. Journal of<br>Materials Chemistry B, 2021, 9, 7076-7099.  | 5.8  | 21        |
| 7  | Inertial Migration of Neutrally Buoyant Spherical Particles in Square Channels at Moderate and High<br>Reynolds Numbers. Micromachines, 2021, 12, 198.   | 2.9  | 9         |
| 8  | Magnetic Colloid Antibodies Accelerate Small Extracellular Vesicles Isolation for Point-of-Care Diagnostics. Nano Letters, 2021, 21, 2001-2009.  | 9.1  | 26        |
| 9  | Hypoxiaâ€Responsive Gene Editing to Reduce Tumor Thermal Tolerance for Mildâ€Photothermal Therapy.<br>Angewandte Chemie, 2021, 133, 21370-21374.   | 2.0  | 10        |
| 10 | Hypoxiaâ€Responsive Gene Editing to Reduce Tumor Thermal Tolerance for Mildâ€Photothermal Therapy.<br>Angewandte Chemie - International Edition, 2021, 60, 21200-21204.  | 13.8 | 84        |
| 11 | Nano-immunosorbent assay based on Cas12a/crRNA for ultra-sensitive protein detection. Biosensors and Bioelectronics, 2021, 190, 113450.  | 10.1 | 43        |
| 12 | Mesopore to Macropore Transformation of Metal–Organic Framework for Drug Delivery in<br>Inflammatory Bowel Disease. Advanced Healthcare Materials, 2021, 10, e2000973.   | 7.6  | 26        |
| 13 | Gallium–Carbenicillin Framework Coated Defectâ€Rich Hollow TiO <sub>2</sub> as a Photocatalyzed<br>Oxidative Stress Amplifier against Complex Infections. Advanced Functional Materials, 2020, 30,<br>2004861. | 14.9 | 50        |
| 14 | Cerium metal organic framework mediated molecular threading for point-of-care colorimetric assays.<br>Biosensors and Bioelectronics, 2020, 165, 112406.  | 10.1 | 24        |
| 15 | Gold nanoparticles doped metal-organic frameworks as near-infrared light-enhanced cascade nanozyme against hypoxic tumors. Nano Research, 2020, 13, 653-660.   | 10.4 | 59        |
| 16 | Inertial lateral migration and self-assembly of particles in bidisperse suspensions in microchannel flows. Microfluidics and Nanofluidics, 2019, 23, 1.  | 2.2  | 25        |
| 17 | Self-ordered particle trains in inertial microchannel flows. Microfluidics and Nanofluidics, 2017, 21, 1.  | 2.2  | 35        |
| 18 | Hypoxiaâ€Responsive Platinum Supernanoparticles for Urinary Microfluidic Monitoring of Tumors.<br>Angewandte Chemie, 0, , .  | 2.0  | 4         |