

# Katarzyna Ratajczak

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	High-performance modified cellulose paper-based biosensors for medical diagnostics and early cancer screening: A concise review. <i>Carbohydrate Polymers</i> , 2020, 229, 115463.	5.1	137
2	Toward early cancer detection: Focus on biosensing systems and biosensors for an anti-apoptotic protein survivin and survivin mRNA. <i>Biosensors and Bioelectronics</i> , 2019, 137, 58-71.	5.3	75
3	Optical Biosensing System for the Detection of Survivin mRNA in Colorectal Cancer Cells Using a Graphene Oxide Carrier-Bound Oligonucleotide Molecular Beacon. <i>Nanomaterials</i> , 2018, 8, 510.	1.9	53
4	Hairpin-Hairpin Molecular Beacon Interactions for Detection of Survivin mRNA in Malignant SW480 Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 17028-17039.	4.0	49
5	Monitoring of dynamic ATP level changes by oligomycin-modulated ATP synthase inhibition in SW480 cancer cells using fluorescent "On-Off" switching DNA aptamer. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 6899-6911.	1.9	34
6	Ternary Interactions and Energy Transfer between Fluorescein Isothiocyanate, Adenosine Triphosphate, and Graphene Oxide Nanocarriers. <i>Journal of Physical Chemistry B</i> , 2017, 121, 6822-6830.	1.2	31
7	Gated Resonance Energy Transfer (gRET) Controlled by Programmed Death Protein Ligand 1. <i>Nanomaterials</i> , 2020, 10, 1592.	1.9	17
8	Water-Induced Tuning of the Emission of Polyaniline LEDs within the NIR to Vis Range. <i>ACS Omega</i> , 2021, 6, 34650-34660.	1.6	8