

# Marta Janczuk-Richter

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6350465/publications.pdf>

Version: 2024-02-01

22  
papers

548  
citations

687363

13  
h-index

940533

16  
g-index

22  
all docs

22  
docs citations

22  
times ranked

824  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in bacteriophage-based methods for bacteria detection. <i>Drug Discovery Today</i> , 2018, 23, 448-455.	6.4	101
2	Long-period fiber grating sensor for detection of viruses. <i>Sensors and Actuators B: Chemical</i> , 2017, 250, 32-38.	7.8	79
3	Ultrasensitive tantalum oxide nano-coated long-period gratings for detection of various biological targets. <i>Biosensors and Bioelectronics</i> , 2019, 133, 8-15.	10.1	48
4	Titanium oxide thin films obtained with physical and chemical vapour deposition methods for optical biosensing purposes. <i>Biosensors and Bioelectronics</i> , 2017, 93, 102-109.	10.1	41
5	Bacteriophage-Based Bioconjugates as a Flow Cytometry Probe for Fast Bacteria Detection. <i>Bioconjugate Chemistry</i> , 2017, 28, 419-425.	3.6	38
6	Recent applications of bacteriophage-based electrodes: A mini-review. <i>Electrochemistry Communications</i> , 2019, 99, 11-15.	4.7	38
7	Bacteriophages in electrochemistry: A review. <i>Journal of Electroanalytical Chemistry</i> , 2016, 779, 207-219.	3.8	35
8	Optical investigations of electrochemical processes using a long-period fiber grating functionalized by indium tin oxide. <i>Sensors and Actuators B: Chemical</i> , 2019, 279, 223-229.	7.8	30
9	Langmuir and Langmuir-Blodgett Films of Unsymmetrical and Fully Condensed Polyhedral Oligomeric Silsesquioxanes (POSS). <i>Journal of Physical Chemistry C</i> , 2015, 119, 27007-27017.	3.1	29
10	Adsorption of bacteriophages on polypropylene labware affects the reproducibility of phage research. <i>Scientific Reports</i> , 2021, 11, 7387.	3.3	29
11	Immunosensor Based on Long-Period Fiber Gratings for Detection of Viruses Causing Gastroenteritis. <i>Sensors</i> , 2020, 20, 813.	3.8	23
12	Phenotypic plasticity of <i>Escherichia coli</i> upon exposure to physical stress induced by ZnO nanorods. <i>Scientific Reports</i> , 2019, 9, 8575.	3.3	19
13	Functional fluorine-doped tin oxide coating for opto-electrochemical label-free biosensors. <i>Sensors and Actuators B: Chemical</i> , 2022, 367, 132145.	7.8	14
14	Capturing fluorescing viruses with silver nanowires. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 689-695.	7.8	7
15	Specific detection of very low concentrations of DNA oligonucleotides with DNA-coated long-period grating biosensor. , 2017, , .		4
16	Water-Induced Fused Silica Glass Surface Alterations Monitored Using Long-Period Fiber Gratings. <i>Journal of Lightwave Technology</i> , 2019, 37, 4542-4548.	4.6	4
17	Langmuir and Langmuir Blodgett films of zinc oxide (ZnO) nanocrystals coated with polyhedral oligomeric silsesquioxanes (POSS). <i>Journal of Colloid and Interface Science</i> , 2021, 600, 784-793.	9.4	4
18	Optical fiber lossy-mode resonance sensors with doped tin oxides for optical working electrode monitoring in electrochemical systems. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
19	Optical monitoring of electrochemical processes with ITO-coated long-period fiber grating. , 2018, , .		1
20	The effect of water penetration into glass monitored by long-period fiber gratings. , 2018, , .		1
21	Printed carbon based interface for protein immobilization. Journal of Materials Science: Materials in Electronics, 2019, 30, 12465-12474.	2.2	0
22	Patterned silver island paths as high-contrast optical sensing platforms. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 268, 115124.	3.5	0