

# Evelin Witkowska

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

791  
citations

516710

16  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1307  
citing authors

#	ARTICLE	IF	CITATIONS
1	In Search of Spectroscopic Signatures of Periodontitis: A SERS-Based Magnetofluidic Sensor for Detection of <i>Porphyromonas gingivalis</i> and <i>Aggregatibacter actinomycetemcomitans</i> . ACS Sensors, 2021, 6, 1621-1635.	7.8	18
2	SERS-based sensor for the detection of sexually transmitted pathogens in the male swab specimens: A new approach for clinical diagnosis. Biosensors and Bioelectronics, 2021, 189, 113358.	10.1	17
3	Nanoplasmonic sensor for foodborne pathogens detection. Towards development of ISO-SERS methodology for taxonomic affiliation of <i>Campylobacter</i> spp.. Journal of Biophotonics, 2020, 13, e201960227.	2.3	12
4	Detection of Circulating Tumor Cells Using Membrane-Based SERS Platform: A New Diagnostic Approach for "Liquid Biopsy". Nanomaterials, 2019, 9, 366.	4.1	38
5	Sources of variability in SERS spectra of bacteria: comprehensive analysis of interactions between selected bacteria and plasmonic nanostructures. Analytical and Bioanalytical Chemistry, 2019, 411, 2001-2017.	3.7	37
6	Genus- and species-level identification of dermatophyte fungi by surface-enhanced Raman spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 192, 285-290.	3.9	22
7	Strain-level typing and identification of bacteria – a novel approach for SERS active plasmonic nanostructures. Analytical and Bioanalytical Chemistry, 2018, 410, 5019-5031.	3.7	47
8	Steel Wire Mesh as a Thermally Resistant SERS Substrate. Nanomaterials, 2018, 8, 663.	4.1	4
9	Surface-enhanced Raman spectroscopy introduced into the International Standard Organization (ISO) regulations as an alternative method for detection and identification of pathogens in the food industry. Analytical and Bioanalytical Chemistry, 2017, 409, 1555-1567.	3.7	49
10	SERS-based Immunoassay in a Microfluidic System for the Multiplexed Recognition of Interleukins from Blood Plasma: Towards Picogram Detection. Scientific Reports, 2017, 7, 10656.	3.3	75
11	Polymer mat prepared via Forcespinning as a SERS platform for immobilization and detection of bacteria from blood plasma. Materials Science and Engineering C, 2017, 71, 345-350.	7.3	28
12	Detection and identification of human fungal pathogens using surface-enhanced Raman spectroscopy and principal component analysis. Analytical Methods, 2016, 8, 8427-8434.	2.7	47
13	Highly efficient SERS-based detection of cerebrospinal fluid neopterin as a diagnostic marker of bacterial infection. Analytical and Bioanalytical Chemistry, 2016, 408, 4319-4327.	3.7	28
14	Rapid detection and identification of bacterial meningitis pathogens in ex vivo clinical samples by SERS method and principal component analysis. Analytical Methods, 2016, 8, 4521-4529.	2.7	38
15	ABO blood groups' antigen-antibody interactions studied using SERS spectroscopy: towards blood typing. Analytical Methods, 2016, 8, 1463-1472.	2.7	13
16	Novel highly sensitive Cu-based SERS platforms for biosensing applications. Journal of Raman Spectroscopy, 2015, 46, 428-433.	2.5	35
17	Detection of Hepatitis B virus antigen from human blood: SERS immunoassay in a microfluidic system. Biosensors and Bioelectronics, 2015, 66, 461-467.	10.1	132
18	Electrospun polymer mat as a SERS platform for the immobilization and detection of bacteria from fluids. Analyst, The, 2014, 139, 5061-5064.	3.5	41

#	ARTICLE	IF	CITATIONS
19	Nanostructured silver-gold bimetallic SERS substrates for selective identification of bacteria in human blood. <i>Analyst</i> , The, 2014, 139, 1037.	3.5	110