

U S Dinish

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

562
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

753
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards a point-of-care SERS sensor for biomedical and agri-food analysis applications: a review of recent advancements. <i>Nanoscale</i> , 2021, 13, 553-580.	5.6	133
2	Model learning analysis of 3D optoacoustic mesoscopy images for the classification of atopic dermatitis. <i>Biomedical Optics Express</i> , 2021, 12, 3671.	2.9	5
3	SERS multiplexing of methylxanthine drug isomers via guest size matching and machine learning. <i>Journal of Materials Chemistry C</i> , 2021, 9, 12624-12632.	5.5	15
4	Development of highly reliable SERS-active photonic crystal fiber probe and its application in the detection of ovarian cancer biomarker in cyst fluid. <i>Journal of Biophotonics</i> , 2020, 13, e201960120.	2.3	17
5	Dual-triggered nanoaggregates of cucurbit[7]uril and gold nanoparticles for multi-spectroscopic quantification of creatinine in urinalysis. <i>Journal of Materials Chemistry C</i> , 2020, 8, 7051-7058.	5.5	16
6	Optimization and performance analysis of SERS-active suspended core photonic crystal fibers. <i>Optics Express</i> , 2020, 28, 23609.	3.4	18
7	Optoacoustic mesoscopy analysis and quantitative estimation of specific imaging metrics in Fitzpatrick skin phototypes II to V. <i>Journal of Biophotonics</i> , 2019, 12, e201800442.	2.3	30
8	Surface-enhanced Raman scattering-active photonic crystal fiber probe: Towards next generation liquid biopsy sensor with ultra high sensitivity. <i>Journal of Biophotonics</i> , 2019, 12, e201900027.	2.3	22
9	SERS-based detection of haptoglobin in ovarian cyst fluid as a point-of-care diagnostic assay for epithelial ovarian cancer. <i>Cancer Management and Research</i> , 2019, Volume 11, 1115-1124.	1.9	12
10	Identification of mycolic acid forms using surface-enhanced Raman scattering as a fast detection method for tuberculosis. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 6029-6038.	6.7	24
11	Sensitive multiplex detection of serological liver cancer biomarkers using SERS-active photonic crystal fiber probe. <i>Journal of Biophotonics</i> , 2014, 7, 956-965.	2.3	86
12	Highly sensitive SERS detection of cancer proteins in low sample volume using hollow core photonic crystal fiber. <i>Biosensors and Bioelectronics</i> , 2012, 33, 293-298.	10.1	123
13	Clinical SERS: are we there yet?. <i>Journal of Biophotonics</i> , 2011, 4, 667-684.	2.3	61