Oleg Ryabchykov

List of Publications by Year
in descending order

20	445	933264 10	1058333 14
papers	citations	h-index	g-index

20	20	20	733
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detection of multi-resistant clinical strains of E. coli with Raman spectroscopy. Analytical and Bioanalytical Chemistry, 2022, 414, 1481-1492.	1.9	25
2	Data driven modeling of photonic data. , 2022, , .		0
3	Labelâ€free differentiation of clinical E. coli and Klebsiella isolates with Raman spectroscopy. Journal of Biophotonics, 2022, 15, e202200005.	1.1	9
4	Leukocyte Activation Profile Assessed by Raman Spectroscopy Helps Diagnosing Infection and Sepsis. , 2021, 3, e0394.		17
5	Biochemical Analysis of Leukocytes after In Vitro and In Vivo Activation with Bacterial and Fungal Pathogens Using Raman Spectroscopy. International Journal of Molecular Sciences, 2021, 22, 10481.	1.8	12
6	Towards Raman spectroscopy of urine as screening tool. Journal of Biophotonics, 2020, 13, e201900143.	1.1	15
7	Deep learning a boon for biophotonics?. Journal of Biophotonics, 2020, 13, e201960186.	1.1	61
8	Comprehensive Chemometrics. , 2020, , 333-359.		4
9	4. Analyzing Raman spectroscopic data. , 2020, , 81-106.		2
10	Analyzing Raman spectroscopic data. Physical Sciences Reviews, 2019, 4, .	0.8	15
11	Raman Spectroscopy Follows Time-Dependent Changes in T Lymphocytes Isolated from Spleen of Endotoxemic Mice. ImmunoHorizons, 2019, 3, 45-60.	0.8	22
12	Surface enhanced Raman spectroscopyâ€detection of the uptake of mannoseâ€modified nanoparticles by macrophages in vitro: A model for detection of vulnerable atherosclerotic plaques. Journal of Biophotonics, 2018, 11, e201800013.	1.1	9
13	UV-Raman Spectroscopic Identification of Fungal Spores Important for Respiratory Diseases. Analytical Chemistry, 2018, 90, 8912-8918.	3.2	22
14	Fusion of MALDI Spectrometric Imaging and Raman Spectroscopic Data for the Analysis of Biological Samples. Frontiers in Chemistry, 2018, 6, 257.	1.8	33
15	Raman spectroscopic investigation of the human liver stem cell line HepaRG. Journal of Raman Spectroscopy, 2018, 49, 935-942.	1.2	6
16	Automatization of spike correction in Raman spectra of biological samples. Chemometrics and Intelligent Laboratory Systems, 2016, 155, 1-6.	1.8	68
17	Toward food analytics: fast estimation of lycopene and Î²-carotene content in tomatoes based on surface enhanced Raman spectroscopy (SERS). Analyst, The, 2016, 141, 4447-4455.	1.7	32
18	Raman Based Molecular Imaging and Analytics: A Magic Bullet for Biomedical Applications!?. Analytical Chemistry, 2016, 88, 133-151.	3.2	81

#	Article	IF	Citations
19	Application of Oxidized Silicon Nanowires for Nerve Fibers Regeneration. Advanced Materials Research, 0, 854, 157-163.	0.3	1
20	Leukocyte subtypes classification by means of image processing. , 0, , .		11