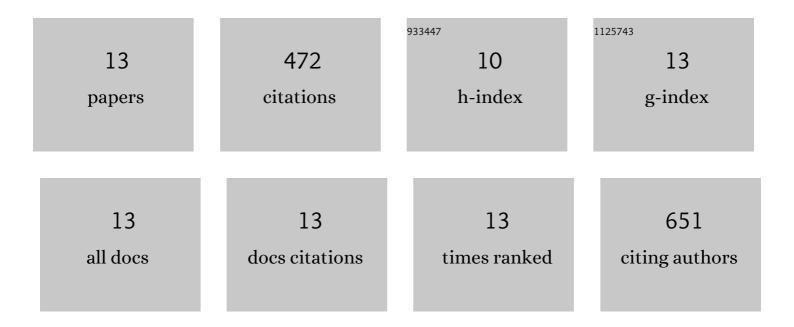
Flavius C Pascut

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Nonâ€invasive timeâ€course imaging of apoptotic cells by confocal Raman microâ€spectroscopy. Journal of Raman Spectroscopy, 2011, 42, 251-258.	2.5	89
2	Cytoplasmic RNA in Undifferentiated Neural Stem Cells: A Potential Label-Free Raman Spectral Marker for Assessing the Undifferentiated Status. Analytical Chemistry, 2012, 84, 3155-3162.	6.5	80
3	Non-invasive label-free monitoring the cardiac differentiation of human embryonic stem cells in-vitro by Raman spectroscopy. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 3517-3524.	2.4	63
4	Noninvasive Detection and Imaging of Molecular Markers in Live Cardiomyocytes Derived from Human Embryonic Stem Cells. Biophysical Journal, 2011, 100, 251-259.	0.5	60
5	Toward label-free Raman-activated cell sorting of cardiomyocytes derived from human embryonic stem cells. Journal of Biomedical Optics, 2011, 16, 045002.	2.6	44
6	Label-free molecular imaging of immunological synapses between dendritic and T cells by Raman micro-spectroscopy. Analyst, The, 2010, 135, 3205.	3.5	32
7	Applications of Raman micro-spectroscopy to stem cell technology: label-free molecular discrimination and monitoring cell differentiation. EPJ Techniques and Instrumentation, 2015, 2, 6.	1.3	27
8	Monitoring the mineralisation of bone nodules in vitro by space- and time-resolved Raman micro-spectroscopy. Analyst, The, 2014, 139, 55-58.	3.5	24
9	Non-invasive hydrodynamic imaging in plant roots at cellular resolution. Nature Communications, 2021, 12, 4682.	12.8	19
10	Spectral Depth Profiling of Arbitrary Surfaces by Thermal Emission Decay—Fourier Transform Infrared Spectroscopy. Applied Spectroscopy, 2003, 57, 1494-1501.	2.2	11
11	<i>In-vivo</i> hydration profile mapping of human stratum corneum using fiber-optic optothermal radiometry. Review of Scientific Instruments, 2003, 74, 770-772.	1.3	9
12	Near-surface depth-resolved midinfrared emission spectroscopy. Review of Scientific Instruments, 2003, 74, 346-348.	1.3	7
13	TEM Tomography of Pores with Application to Computational Nanoscale Flows in Nanoporous Silicon Nitride (NPN). Membranes, 2018, 8, 26.	3.0	7