

# Stefano ManagÃ²

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

620  
citations

623734

14  
h-index

794594

19  
g-index

32  
all docs

32  
docs citations

32  
times ranked

794  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface-Enhanced Raman and Fluorescence Spectroscopy with an All-Dielectric Metasurface. <i>Journal of Physical Chemistry C</i> , 2018, 122, 19738-19745.	3.1	75
2	A reliable Raman-spectroscopy-based approach for diagnosis, classification and follow-up of B-cell acute lymphoblastic leukemia. <i>Scientific Reports</i> , 2016, 6, 24821.	3.3	71
3	Nanosphere Lithography on Fiber: Towards Engineered Lab-On-Fiber SERS Optrodes. <i>Sensors</i> , 2018, 18, 680.	3.8	60
4	Bioderived Three-Dimensional Hierarchical Nanostructures as Efficient Surface-Enhanced Raman Scattering Substrates for Cell Membrane Probing. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 12406-12416.	8.0	44
5	Label-Free Imaging and Biochemical Characterization of Bovine Sperm Cells. <i>Biosensors</i> , 2015, 5, 141-157.	4.7	42
6	Internalization kinetics and cytoplasmic localization of functionalized diatomite nanoparticles in cancer cells by Raman imaging. <i>Journal of Biophotonics</i> , 2018, 11, e201700207.	2.3	41
7	Raman detection and identification of normal and leukemic hematopoietic cells. <i>Journal of Biophotonics</i> , 2018, 11, e201700265.	2.3	37
8	UV-shielding and wavelength conversion by centric diatom nanopatterned frustules. <i>Scientific Reports</i> , 2018, 8, 16285.	3.3	37
9	Biosensing Using SERS Active Gold Nanostructures. <i>Nanomaterials</i> , 2021, 11, 2679.	4.1	35
10	Non-invasive sex assessment in bovine semen by Raman spectroscopy. <i>Laser Physics Letters</i> , 2014, 11, 055604.	1.4	32
11	SERS Quantification of Galunisertib Delivery in Colorectal Cancer Cells by Plasmonic-Assisted Diatomite Nanoparticles. <i>Small</i> , 2021, 17, e2101711.	10.0	32
12	[INVITED] Raman microscopy based sensing of leukemia cells: A review. <i>Optics and Laser Technology</i> , 2018, 108, 7-16.	4.6	28
13	Tailoring lab-on-fiber SERS optrodes towards biological targets of different sizes. <i>Sensors and Actuators B: Chemical</i> , 2021, 339, 129321.	7.8	28
14	Raman Microscopy: Progress in Research on Cancer Cell Sensing. <i>Sensors</i> , 2020, 20, 5525.	3.8	22
15	Combined Raman Spectroscopy and Digital Holographic Microscopy for Sperm Cell Quality Analysis. <i>Journal of Spectroscopy</i> , 2017, 2017, 1-14.	1.3	15
16	SERS Sensing of Bacterial Endotoxin on Gold Nanoparticles. <i>Frontiers in Immunology</i> , 2021, 12, 758410.	4.8	14
17	Normal-State Optical Features Study of Nd123 and Gd1212 HTSC Materials for Photonics and Metamaterials Fabrication. <i>IEEE Transactions on Applied Superconductivity</i> , 2016, 26, 1-4.	1.7	4
18	Discrimination and classification of acute lymphoblastic leukemia cells by Raman spectroscopy. <i>Proceedings of SPIE</i> , 2015, , .	0.8	1

#	ARTICLE	IF	CITATIONS
19	Analysis of bovine sperm cells by a combined holographic and Raman microscopy approach. , 2015, , .		1
20	Raman Characterization of Melt-Textured Gd1212 Superconductors in the Normal State. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	1.7	1
21	Label-free biochemical characterization of bovine sperm cells using Raman microscopy. Proceedings of SPIE, 2013, , .	0.8	0
22	Biomolecular sensing for cancer diagnostics using highly reproducible SERS substrates. , 2014, , .		0
23	Label-free biochemical characterization of bovine sperm cells using Raman microscopy. Proceedings of SPIE, 2014, , .	0.8	0
24	Spermatozoa quality assessment: a combined holographic and Raman microscopy approach. Proceedings of SPIE, 2015, , .	0.8	0
25	Enhanced fluorescence emission using bound states in continuum in a photonic crystal membrane. , 2017, , .		0
26	Raman Spectroscopy for Biomedical Applications: From Label-free Cancer Cell Sorting to Imaging. , 2019, , .		0
27	Engineered Lab on Fiber SERS probes by Self-Assembly on Fiber technique. , 2018, , .		0
28	Diatomite nanovectors uptake in cancer cells: a Raman imaging study. , 2018, , .		0
29	Lab-on-fiber SERS substrates for biomolecular recognition. , 2019, , .		0
30	Intracellular SERS monitoring of drug release from plasmonic-assisted biosilica nanoparticles. EPJ Web of Conferences, 2021, 255, 13002.	0.3	0
31	Inverse-Doped Melt-Textured Gd1212 Superconductors Samples: Normal State Raman Characterisation Study. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	0
32	Lab-on-fiber SERS optrodes for biological target detection. , 2021, , .		0