

# Martynas Talaikis

## List of Publications by Year in descending order

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18  
papers

736  
citations

1163117

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839539

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19  
docs citations

19  
times ranked

1231  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conformal monolayer contacts with lossless interfaces for perovskite single junction and monolithic tandem solar cells. <i>Energy and Environmental Science</i> , 2019, 12, 3356-3369.	30.8	519
2	Oxygen electroreduction catalysed by laccase wired to gold nanoparticles via the trinuclear copper cluster. <i>Energy and Environmental Science</i> , 2017, 10, 498-502.	30.8	72
3	Amyloid $\beta^2$ oligomers inhibit growth of human cancer cells. <i>PLoS ONE</i> , 2019, 14, e0221563.	2.5	22
4	Low-cost SERS substrate featuring laser-ablated amorphous nanostructure. <i>Applied Surface Science</i> , 2022, 571, 151248.	6.1	17
5	Encapsulation of Aspartic Protease in Nonlamellar Lipid Liquid Crystalline Phases. <i>Biophysical Journal</i> , 2019, 117, 829-843.	0.5	16
6	Water-Induced Structural Changes in the Membrane-Anchoring Monolayers Revealed by Isotope-Edited SERS. <i>Journal of Physical Chemistry C</i> , 2016, 120, 22489-22499.	3.1	14
7	Shell-isolated nanoparticle-enhanced Raman spectroscopy for characterization of living yeast cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 240, 118560.	3.9	14
8	Far-Off Resonance: Multiwavelength Raman Spectroscopy Probing Amide Bands of Amyloid- $\beta^2$ -(37-42) Peptide. <i>Molecules</i> , 2020, 25, 3556.	3.8	11
9	A facile microwave-assisted synthesis of $\text{Ag}@SiO_2$ nanoparticles for Raman spectroscopy. <i>New Journal of Chemistry</i> , 2021, 45, 10952-10958.	2.8	9
10	The direct growth of planar and vertical graphene on Si(100) <i>via</i> microwave plasma chemical vapor deposition: synthesis conditions effects. <i>RSC Advances</i> , 2022, 12, 18759-18772.	3.6	9
11	On the Molecular Interactions in Lipid Bilayer-Water Assemblies of Different Curvatures. <i>Journal of Physical Chemistry B</i> , 2019, 123, 2662-2672.	2.6	7
12	Potential-Induced Structural Alterations in the Tethered Bilayer Lipid Membrane-Anchoring Monolayers Revealed by Electrochemical Surface-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2020, 124, 19033-19045.	3.1	5
13	Shell-Isolated Nanoparticle-Enhanced Raman Spectroscopy for Probing Riboflavin on Graphene. <i>Materials</i> , 2022, 15, 1636.	2.9	5
14	Microwave-Assisted Solvothermal Synthesis of Nanocrystallite-Derived Magnetite Spheres. <i>Materials</i> , 2022, 15, 4008.	2.9	5
15	Comparative Evaluation of Cellular Uptake of Free and Liposomal Doxorubicin Following Short Term Exposure. <i>Anticancer Research</i> , 2021, 41, 2363-2370.	1.1	4
16	Lanthanum and Manganese Co-Doping Effects on Structural, Morphological, and Magnetic Properties of Sol-Gel Derived $\text{BiFeO}_3$ . <i>Materials</i> , 2021, 14, 4844.	2.9	3
17	Meso-scale surface patterning of self-assembled monolayers with water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 628, 127353.	4.7	2
18	The Impact of an Anchoring Layer on the Formation of Tethered Bilayer Lipid Membranes on Silver Substrates. <i>Molecules</i> , 2021, 26, 6878.	3.8	2