

# Gerard Macias Sotuela

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4016245/publications.pdf>

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12  
papers

385  
citations

840776

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1281871

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12  
docs citations

12  
times ranked

458  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gold-Coated Ordered Nanoporous Anodic Alumina Bilayers for Future Label-Free Interferometric Biosensors. ACS Applied Materials & Interfaces, 2013, 5, 8093-8098.	8.0	76
2	Photoluminescent Enzymatic Sensor Based on Nanoporous Anodic Alumina. ACS Applied Materials & Interfaces, 2012, 4, 3584-3588.	8.0	72
3	Surface roughness boosts the SERS performance of imprinted plasmonic architectures. Journal of Materials Chemistry C, 2016, 4, 3970-3975.	5.5	52
4	Nanostructural Engineering of Nanoporous Anodic Alumina for Biosensing Applications. Materials, 2014, 7, 5225-5253.	2.9	46
5	1-D nanoporous anodic alumina rugate filters by means of small current variations for real-time sensing applications. Nanoscale Research Letters, 2014, 9, 315.	5.7	34
6	Protein attachment to nanoporous anodic alumina for biotechnological applications: Influence of pore size, protein size and functionalization path. Colloids and Surfaces B: Biointerfaces, 2014, 122, 375-383.	5.0	23
7	Whisky tasting using a bimetallic nanoplasmonic tongue. Nanoscale, 2019, 11, 15216-15223.	5.6	23
8	Engineering optical properties of gold-coated nanoporous anodic alumina for biosensing. Nanoscale Research Letters, 2014, 9, 414.	5.7	22
9	Effect of pore diameter in nanoporous anodic alumina optical biosensors. Analyst, The, 2015, 140, 4848-4854.	3.5	13
10	Multilayered Nanoplasmonic Arrays for Self-Referenced Biosensing. ACS Applied Materials & Interfaces, 2018, 10, 34774-34780.	8.0	13
11	Reversible DNA micro-patterning using the fluorour effect. Chemical Communications, 2017, 53, 3094-3097.	4.1	11
12	Nanoplasmonic discrimination of organic solvents using a bimetallic optical tongue. , 2019, , .		0