# Edurne Tellechea Malda

List of Publications by Year
in descending order



| 12 | 375 | 1163117 8 | 1281871 11 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 12 | 12 | 12 | 725 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Model-Independent Analysis of QCM Data on Colloidal Particle Adsorption. Langmuir, 2009, 25, 5177-5184. | 3.5 | 133 |
| 2 | Adsorbed liposome deformation studied with quartz crystal microbalance. Journal of Chemical Physics, 2012, 136, 084702. | 3.0 | 61 |
| 3 | Comparison of four functionalization methods of gold nanoparticles for enhancing the enzyme-linked immunosorbent assay (ELISA). Beilstein Journal of Nanotechnology, 2017, 8, 244-253. | 2.8 | 57 |
| 4 | Engineering the Interface between Glucose Oxidase and Nanoparticles. Langmuir, 2012, 28, 5190-5200. | 3.5 | 42 |
| 5 | Correlation between temperatureâ€“pressure dependence of the Î±-relaxation and configurational entropy for a glass-forming polymer. Journal of Non-Crystalline Solids, 2005, 351, 2616-2621. | 3.1 | 30 |
| 6 | Analysis of peroxidase activity of rice (Oryza sativa) recombinant hemoglobin 1: Implications for in vivo function of hexacoordinate non-symbiotic hemoglobins in plants. Phytochemistry, 2010, 71, 21-26. | 2.9 | 20 |
| 7 | Regenerable Plasmonic Biosensor Based on Gold Nanolines Pattern and Common Laboratory Spectrophotometer. IEEE Nanotechnology Magazine, 2014, 13, 308-315. | 2.0 | 11 |
| 8 | LSPR Cuvette for Real-Time Biosensing by Using a Common Spectrophotometer. IEEE Sensors Journal, 2016, 16, 4158-4165. | 4.7 | 9 |
| 9 | Automated Chemical Sensing Unit Integration for Parallel Optical Interrogation. Sensors, 2019, 19, 878. | 3.8 | 5 |
| 10 | Evaluation of the anti-nitrative effect of plant antioxidants using a cowpea Fe-superoxide dismutase as a target. Plant Physiology and Biochemistry, 2014, 83, 356-364. | 5.8 | 4 |
| 11 | Conjugation of Active Iron Superoxide Dismutase to Nanopatterned Surfaces. IEEE Transactions on Nanobioscience, 2012, 11, 176-180. | 3.3 | 3 |
| 12 | A compact multichannel spectrometer for label-free monitoring of biochips for point-of-care testing. , 2019, , . | | 0 |