

# Esther Snchez-Tirado

## List of Publications by Citations

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17  
papers

376  
citations

10  
h-index

18  
g-index

18  
ext. papers

446  
ext. citations

7.7  
avg, IF

3.75  
L-index

#	Paper	IF	Citations
17	Electrochemical immunosensor for simultaneous determination of interleukin-1 beta and tumor necrosis factor alpha in serum and saliva using dual screen printed electrodes modified with functionalized double-walled carbon nanotubes. <i>Analytica Chimica Acta</i> , <b>2017</b> , 959, 66-73	6.6	97
16	Enzymatic/Immunoassay Dual-Biomarker Sensing Chip: Towards Decentralized Insulin/Glucose Detection. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 6376-6379	16.4	70
15	Electrochemical immunosensor for sensitive determination of transforming growth factor (TGF) - $\beta$ in urine. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 88, 9-14	11.8	35
14	Carbon nanotubes functionalized by click chemistry as scaffolds for the preparation of electrochemical immunosensors. Application to the determination of TGF-beta 1 cytokine. <i>Analyst, The</i> , <b>2016</b> , 141, 5730-5737	5	31
13	An electrochemical immunosensor for adiponectin using reduced graphene oxide-carboxymethylcellulose hybrid as electrode scaffold. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 223, 89-94	8.5	24
12	Viologen-functionalized single-walled carbon nanotubes as carrier nanotags for electrochemical immunosensing. Application to TGF- $\beta$ cytokine. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 98, 240-247	11.8	24
11	Magnetic multiwalled carbon nanotubes as nanocarrier tags for sensitive determination of fetuin in saliva. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 113, 88-94	11.8	22
10	Electrochemical immunosensor for the determination of the cytokine interferon gamma (IFN- $\gamma$ ) in saliva. <i>Talanta</i> , <b>2020</b> , 211, 120761	6.2	21
9	Electrochemical biosensor for the simultaneous determination of rheumatoid factor and anti-cyclic citrullinated peptide antibodies in human serum. <i>Analyst, The</i> , <b>2020</b> , 145, 4680-4687	5	17
8	Electrochemical immunosensor for the determination of 8-isoprostane aging biomarker using carbon nanohorns-modified disposable electrodes. <i>Journal of Electroanalytical Chemistry</i> , <b>2017</b> , 793, 197-202	4.1	15
7	Amperometric immunoassay for the obesity biomarker amylin using a screen printed carbon electrode functionalized with an electropolymerized carboxylated polypyrrole. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 323	5.8	8
6	TGF- $\beta$ -induced IGFBP-3 is a key paracrine factor from activated pericytes that promotes colorectal cancer cell migration and invasion. <i>Molecular Oncology</i> , <b>2020</b> , 14, 2609-2628	7.9	8
5	Enzymatic/Immunoassay Dual-Biomarker Sensing Chip: Towards Decentralized Insulin/Glucose Detection. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 6442-6445	3.6	2
4	Electrochemical Immunosensor for Sensitive Determination of TGF $\beta$ in Urine. <i>Procedia Technology</i> , <b>2017</b> , 27, 81-84		2
3	Simultaneous determination of CXCL7 chemokine and MMP3 metalloproteinase as biomarkers for rheumatoid arthritis. <i>Talanta</i> , <b>2021</b> , 234, 122705	6.2	0
2	Monitoring autoimmune diseases by bioelectrochemical detection of autoantibodies. Application to the determination of anti-myelin basic protein autoantibodies in serum of multiple sclerosis patients.. <i>Talanta</i> , <b>2022</b> , 243, 123304	6.2	0
1	Synthesis of New Water-Soluble Bunte Salts Bearing Thieno[2,3-b]Pyridine-3-yl Substituents. <i>Chemistry Proceedings</i> , <b>2021</b> , 3, 24		

