

Giovanni Fusco

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

620
citations

933264

10
h-index

1372474

10
g-index

10
all docs

10
docs citations

10
times ranked

1250
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Beyond graphene: Electrochemical sensors and biosensors for biomarkers detection. <i>Biosensors and Bioelectronics</i> , 2017, 89, 152-166. | 5.3 | 316 |
| 2 | A Glucose/Oxygen Enzymatic Fuel Cell based on Gold Nanoparticles modified Graphene Screen-Printed Electrode. Proof-of-Concept in Human Saliva. <i>Sensors and Actuators B: Chemical</i> , 2018, 256, 921-930. | 4.0 | 72 |
| 3 | Electrochemical Characterization of Graphene and MWCNT Screen-Printed Electrodes Modified with AuNPs for Laccase Biosensor Development. <i>Nanomaterials</i> , 2015, 5, 1995-2006. | 1.9 | 44 |
| 4 | Improved DET communication between cellobiose dehydrogenase and a gold electrode modified with a rigid self-assembled monolayer and green metal nanoparticles: The role of an ordered nanostructuration. <i>Biosensors and Bioelectronics</i> , 2017, 88, 196-203. | 5.3 | 44 |
| 5 | AuNPs-functionalized PANABA-MWCNTs nanocomposite-based impedimetric immunosensor for 2,4-dichlorophenoxy acetic acid detection. <i>Biosensors and Bioelectronics</i> , 2017, 93, 52-56. | 5.3 | 44 |
| 6 | Aqueous polythiophene electrosynthesis: A new route to an efficient electrode coupling of PQQ-dependent glucose dehydrogenase for sensing and bioenergetic applications. <i>Biosensors and Bioelectronics</i> , 2018, 112, 8-17. | 5.3 | 27 |
| 7 | Polymer-supported electron transfer of PQQ-dependent glucose dehydrogenase at carbon nanotubes modified by electropolymerized polythiophene copolymers. <i>Electrochimica Acta</i> , 2017, 248, 64-74. | 2.6 | 23 |
| 8 | Inhibition-based first-generation electrochemical biosensors: theoretical aspects and application to 2,4-dichlorophenoxy acetic acid detection. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3203-3211. | 1.9 | 21 |
| 9 | Catalase-Based Modified Graphite Electrode for Hydrogen Peroxide Detection in Different Beverages. <i>Journal of Analytical Methods in Chemistry</i> , 2016, 2016, 1-12. | 0.7 | 15 |
| 10 | Evaluation of novel Fmoc-tripeptide based hydrogels as immobilization supports for electrochemical biosensors. <i>Microchemical Journal</i> , 2018, 137, 105-110. | 2.3 | 14 |