

Stefano Ferri

List of Publications by Year in descending order

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17
papers

855
citations

567281

15
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

1042
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Glucose Oxidases and Glucose Dehydrogenases: A Bird's Eye View of Glucose Sensing Enzymes. <i>Journal of Diabetes Science and Technology</i> , 2011, 5, 1068-1076.	2.2	345
2	Engineering of a green-light inducible gene expression system in <i>Synechocystis</i> sp. PCC6803. <i>Microbial Biotechnology</i> , 2014, 7, 177-183.	4.2	66
3	A green-light inducible lytic system for cyanobacterial cells. <i>Biotechnology for Biofuels</i> , 2014, 7, 56.	6.2	59
4	Cloning and functional expression of glucose dehydrogenase complex of <i>Burkholderia cepacia</i> in <i>Escherichia coli</i> . <i>Journal of Biotechnology</i> , 2006, 123, 127-136.	3.8	53
5	Review of Fructosyl Amino Acid Oxidase Engineering Research: A Glimpse into the Future of Hemoglobin A1c Biosensing. <i>Journal of Diabetes Science and Technology</i> , 2009, 3, 585-592.	2.2	51
6	Direct electron transfer type disposable sensor strip for glucose sensing employing an engineered FAD glucose dehydrogenase. <i>Enzyme and Microbial Technology</i> , 2013, 52, 123-128.	3.2	45
7	An Fe-S cluster in the conserved Cys-rich region in the catalytic subunit of FAD-dependent dehydrogenase complexes. <i>Bioelectrochemistry</i> , 2016, 112, 178-183.	4.6	31
8	Essential role of the small subunit of thermostable glucose dehydrogenase from <i>Burkholderia cepacia</i> . <i>Biotechnology Letters</i> , 2004, 26, 1757-1761.	2.2	29
9	Site directed mutagenesis studies of FAD-dependent glucose dehydrogenase catalytic subunit of <i>Burkholderia cepacia</i> . <i>Biotechnology Letters</i> , 2008, 30, 1967-1972.	2.2	29
10	Construction of a Miniaturized Chromatic Acclimation Sensor from Cyanobacteria with Reversed Response to a Light Signal. <i>Scientific Reports</i> , 2016, 6, 37595.	3.3	28
11	Isolation and characterization of a fructosyl-amine oxidase from an <i>Arthrobacter</i> sp.. <i>Biotechnology Letters</i> , 2005, 27, 27-32.	2.2	27
12	Development of Highly-sensitive Fructosyl-valine Enzyme Sensor Employing Recombinant Fructosyl Amine Oxidase. <i>Electrochemistry</i> , 2003, 71, 442-445.	1.4	19
13	X-ray structure of the direct electron transfer-type FAD glucose dehydrogenase catalytic subunit complexed with a hitchhiker protein. <i>Acta Crystallographica Section D: Structural Biology</i> , 2019, 75, 841-851.	2.3	18
14	Engineering Fructosyl Peptide Oxidase to Improve Activity Toward the Fructosyl Hexapeptide Standard for HbA1c Measurement. <i>Molecular Biotechnology</i> , 2013, 54, 939-943.	2.4	17
15	Cloning and Expression of Fructosyl-amine Oxidase from Marine Yeast <i>Pichia</i> Species N1-1. <i>Marine Biotechnology</i> , 2004, 6, 625-632.	2.4	15
16	Efficient surface-display of autotransporter proteins in cyanobacteria. <i>Algal Research</i> , 2015, 12, 337-340.	4.6	14
17	Biomolecular Engineering of Biosensing Molecules —The Challenges in Creating Sensing Molecules for Glycated Protein Biosensing—. <i>Electrochemistry</i> , 2012, 80, 293-298.	1.4	9