

Deniz Sadighbayan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

9

papers

200

citations

5

h-index

10

g-index

10

ext. papers

271

ext. citations

7.1

avg, IF

4.19

L-index

#	Paper	IF	Citations
9	Oral Cells-On-Chip: Design, Modeling and Experimental Results. <i>Bioengineering</i> , 2022 , 9, 218	5.3	0
8	Electronic Sensing Platform (ESP) Based on Open-Gate Junction Field-Effect Transistor (OG-JFET) for Life Science Applications: Design, Modeling and Experimental Results. <i>Sensors</i> , 2021 , 21,	3.8	1
7	Laser-Induced Graphene-Functionalized Field-Effect Transistor-Based Biosensing: A Potent Candidate for COVID-19 Detection. <i>IEEE Transactions on Nanobioscience</i> , 2021 , PP,	3.4	1
6	Recent Advances of Field-Effect Transistor Technology for Infectious Diseases. <i>Biosensors</i> , 2021 , 11,	5.9	17
5	Portable Sensing Devices for Detection of COVID-19: A Review. <i>IEEE Sensors Journal</i> , 2021 , 21, 10219-10230		13
4	Bio-assay of the non-amidated progastrin-derived peptide (G17-Gly) using the tailor-made recombinant antibody fragment and phage display method: a biomedical analysis. <i>Analytical Methods</i> , 2020 , 12, 2735-2746	3.2	2
3	Biosensing based on field-effect transistors (FET): Recent progress and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 133, 116067	14.6	58
2	Development of electrochemical biosensors for tumor marker determination towards cancer diagnosis: Recent progress. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 118, 73-88	14.6	70
1	Recent advances on the DNA-based electrochemical biosensing of cancer biomarkers: Analytical approach. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 119, 115609	14.6	37