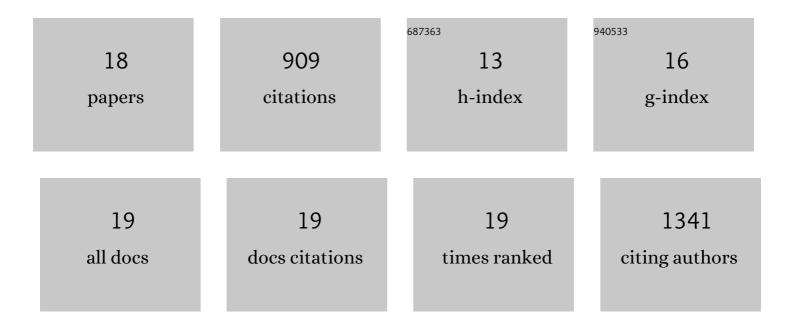
## Mohammad Zarei

List of Publications by Year in descending order

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Μοηλημας Ζάρει

#	Article	IF	CITATIONS
1	Advances in Biodegradable Electronic Skin: Material Progress and Recent Applications in Sensing, Robotics, and Human–Machine Interfaces. Advanced Materials, 2023, 35, .	21.0	82
2	"Lab-on-a-phone―project: Micro- and nanotechnology-enabled applications for portable miniaturized analytical systems. , 2022, , 375-400.		0
3	Sensitive visible light-driven photoelectrochemical aptasensor for detection of tetracycline using ZrO2/g-C3N4 nanocomposite. Sensors International, 2020, 1, 100029.	8.4	15
4	Ultrasonic-assisted preparation of ZrO2/g-C3N4 nanocomposites with high visible-light photocatalytic activity for degradation of 4-chlorophenol in water. Water-Energy Nexus, 2020, 3, 135-142.	4.0	13
5	Application of shear thickening fluids in material development. Journal of Materials Research and Technology, 2020, 9, 10411-10433.	5.8	63
6	Zirconia nanoparticle-modified graphitic carbon nitride nanosheets for effective photocatalytic degradation of 4-nitrophenol in water. Applied Water Science, 2019, 9, 1.	5.6	23
7	Profiling of nanoparticle–protein interactions by electrophoresis techniques. Analytical and Bioanalytical Chemistry, 2019, 411, 79-96.	3.7	22
8	Infectious pathogens meet point-of-care diagnostics. Biosensors and Bioelectronics, 2018, 106, 193-203.	10.1	83
9	Selfâ€Propelled Micro/Nanomotors for Sensing and Environmental Remediation. Small, 2018, 14, e1800912.	10.0	121
10	Application of nanocomposite polymer hydrogels for ultra-sensitive fluorescence detection of proteins in gel electrophoresis. TrAC - Trends in Analytical Chemistry, 2017, 93, 7-22.	11.4	18
11	Portable biosensing devices for point-of-care diagnostics: Recent developments and applications. TrAC - Trends in Analytical Chemistry, 2017, 91, 26-41.	11.4	237
12	Advances in point-of-care technologies for molecular diagnostics. Biosensors and Bioelectronics, 2017, 98, 494-506.	10.1	129
13	Nanoparticle improved separations: From capillary to slab gel electrophoresis. TrAC - Trends in Analytical Chemistry, 2017, 86, 56-74.	11.4	35
14	Effect of phenolic radicals on the geometry and electronic structure of DNA base pairs: computational study. International Journal of Modern Physics C, 2016, 27, 1650119.	1.7	3
15	Effect of Chemical Radicals on the Geometry of DNA: Computational Study. Journal of Cancer Prevention & Current Research, 2016, 4, .	0.1	0
16	Embedded ceria nanoparticles in gel improve electrophoretic separation: a preliminary demonstration. Analyst, The, 2015, 140, 4434-4444.	3.5	12
17	Graphitic carbon nitride embedded hydrogels for enhanced gel electrophoresis. Analytica Chimica Acta, 2015, 887, 245-252.	5.4	33
18	Improvement of heat dissipation in agarose gel electrophoresis by metal oxide nanoparticles. RSC Advances, 2015, 5, 88655-88665.	3.6	18