Hasan Kurt

List of Publications by Year
in descending order

25	560	933447 10	713466 21
papers	citations	h-index	g-index

26	26	26	859
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aptamer and nanomaterial based FRET biosensors: a review on recent advances (2014â€“2019). Mikrochimica Acta, 2019, 186, 563.	5.0	116
2	How to make nanobiosensors: surface modification and characterisation of nanomaterials for biosensing applications. RSC Advances, 2017, 7, 49386-49403.	3.6	103
3	Dual-excitation upconverting nanoparticle and quantum dot aptasensor for multiplexed food pathogen detection. Biosensors and Bioelectronics, 2016, 81, 280-286.	10.1	95
4	Employment of nanomaterials in polymerase chain reaction: insight into the impacts and putative operating mechanisms of nano-additives in PCR. RSC Advances, 2014, 4, 36800-36814.	3.6	30
5	Functionalized Graphitic Carbon Nitrides for Environmental and Sensing Applications. Advanced Energy and Sustainability Research, 2021, 2, 2000073.	5.8	29
6	Nanoplasmonic biosensors: Theory, structure, design, and review of recent applications. Analytica Chimica Acta, 2021, 1185, 338842.	5.4	28
7	ExploitingÂStokesÂand antiâ€Stokes type emission profiles of aptamerâ€functionalized luminescent nanoprobes forÂmultiplex sensing applications. ChemistrySelect, 2018, 3, 5814-5823.	1.5	25
8	Transfer printing gold nanoparticle arrays by tuning the surface hydrophilicity of thermo-responsive poly N-isopropylacrylamide (pNIPAAm). Nanoscale, 2017, 9, 2969-2973.	5.6	22
9	Plasmonic Selection of ssDNA Aptamers against Fibroblast Growth Factor Receptor. ACS Combinatorial Science, 2019, 21, 578-587.	3.8	14
10	Microwave-Promoted Continuous Flow Systems in Nanoparticle Synthesisâ€”A Perspective. ACS Sustainable Chemistry and Engineering, 2021, 9, 9988-10015.	6.7	13
11	Soft segment length controls morphology of poly(ethylene oxide) based segmented poly(urethane-urea) copolymers in a binary solvent. Computational Materials Science, 2017, 138, 58-69.	3.0	12
12	Characterization of a dual biotin tag for improved single stranded DNA production. Analytical Methods, 2014, 6, 548-557.	2.7	11
13	Impedance spectroscopy analysis of the photophysical dynamics due to the nanostructuring of anode interlayers in organic photovoltaics. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 3165-3177.	1.8	11
14	Conformation-mediated FÃ¶rster resonance energy transfer (FRET) in blue-emitting polyvinylpyrrolidone (PVP)-passivated zinc oxide (ZnO) nanoparticles. Journal of Colloid and Interface Science, 2017, 488, 348-355.	9.4	10
15	Systematic Evolution of Ligands by Exponential Enrichment for Aptamer Selection. , 2018, , 211-243.		7
16	Tuning hole charge collection efficiency in polymer photovoltaics by optimizing the work function of indium tin oxide electrodes with solution-processed LiF nanoparticles. Journal of Materials Science: Materials in Electronics, 2015, 26, 9205-9212.	2.2	6
17	Real-time water quality monitoring of an artificial lake using a portable, affordable, simple, Arduino-based open source sensor. Environmental Engineering, 2019, 6, 7-14.	0.2	6
18	SELEX against whole-cell bacteria resulted in lipopolysaccharide binding aptamers. Journal of Biotechnology, 2022, 354, 10-20.	3.8	5

#	Article	IF	Citations
19	Enhancing Enzymatic Properties of Endoglucanase I Enzyme from Trichoderma Reesei via Swapping from Cellobiohydrolase I Enzyme. Catalysts, 2019, 9, 130.	3.5	4
20	Temperature and pH-Dependent Behaviors of mAb Drugs: A Case Study for Trastuzumab. Scientia Pharmaceutica, 2022, 90, 21.	2.0	4
21	Microwave-promoted continuous flow synthesis of thermoplastic polyurethane-silver nanocomposites and their antimicrobial performance. Reaction Chemistry and Engineering, 0, , .	3.7	4
22	Plasmonic Nanometal Surface Energy Transfer-based Dual Excitation Biosensing of Pathogens. Sensors & Diagnostics, 0, , .	3.8	2
23	The Effect of Boron on Processing and Phosphorescence Behavior of SrAl4O7 (SA2) Co-doped with Eu2+ and Dy3+. Materials Research Society Symposia Proceedings, 2011, 1309, 91.	0.1	1
24	A microwave-powered continuous fluidic system for polymer nanocomposite manufacturing: a proof-of-concept study. Green Chemistry, 2022, 24, 2812-2824.	9.0	1
25	Ä°nce Film Organik Fotovoltaikler Ä°Ã§in Alana BaÄŸlÄ± YÃ¼k Toplama Modeli. TÃ¼rk DoÄŸa Ve Fen Dergisi, 0, , .	0.5	0