

Hasan Kurt

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

560
citations

933447

10
h-index

713466

21
g-index

26
all docs

26
docs citations

26
times ranked

859
citing authors

#	ARTICLE	IF	CITATIONS
1	A microwave-powered continuous fluidic system for polymer nanocomposite manufacturing: a proof-of-concept study. <i>Green Chemistry</i> , 2022, 24, 2812-2824.	9.0	1
2	Temperature and pH-Dependent Behaviors of mAb Drugs: A Case Study for Trastuzumab. <i>Scientia Pharmaceutica</i> , 2022, 90, 21.	2.0	4
3	SELEX against whole-cell bacteria resulted in lipopolysaccharide binding aptamers. <i>Journal of Biotechnology</i> , 2022, 354, 10-20.	3.8	5
4	Functionalized Graphitic Carbon Nitrides for Environmental and Sensing Applications. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2000073.	5.8	29
5	Nanoplasmonic biosensors: Theory, structure, design, and review of recent applications. <i>Analytica Chimica Acta</i> , 2021, 1185, 338842.	5.4	28
6	Microwave-Promoted Continuous Flow Systems in Nanoparticle Synthesis—A Perspective. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 9988-10015.	6.7	13
7	Aptamer and nanomaterial based FRET biosensors: a review on recent advances (2014–2019). <i>Mikrochimica Acta</i> , 2019, 186, 563.	5.0	116
8	Plasmonic Selection of ssDNA Aptamers against Fibroblast Growth Factor Receptor. <i>ACS Combinatorial Science</i> , 2019, 21, 578-587.	3.8	14
9	Enhancing Enzymatic Properties of Endoglucanase I Enzyme from <i>Trichoderma Reesei</i> via Swapping from Cellobiohydrolase I Enzyme. <i>Catalysts</i> , 2019, 9, 130.	3.5	4
10	Real-time water quality monitoring of an artificial lake using a portable, affordable, simple, Arduino-based open source sensor. <i>Environmental Engineering</i> , 2019, 6, 7-14.	0.2	6
11	Systematic Evolution of Ligands by Exponential Enrichment for Aptamer Selection. , 2018, , 211-243.		7
12	Exploiting Stokes and anti-Stokes type emission profiles of aptamer-functionalized luminescent nanoprobes for multiplex sensing applications. <i>ChemistrySelect</i> , 2018, 3, 5814-5823.	1.5	25
13	Transfer printing gold nanoparticle arrays by tuning the surface hydrophilicity of thermo-responsive poly N-isopropylacrylamide (pNIPAAm). <i>Nanoscale</i> , 2017, 9, 2969-2973.	5.6	22
14	How to make nanobiosensors: surface modification and characterisation of nanomaterials for biosensing applications. <i>RSC Advances</i> , 2017, 7, 49386-49403.	3.6	103
15	Soft segment length controls morphology of poly(ethylene oxide) based segmented poly(urethane-urea) copolymers in a binary solvent. <i>Computational Materials Science</i> , 2017, 138, 58-69.	3.0	12
16	Conformation-mediated Förster resonance energy transfer (FRET) in blue-emitting polyvinylpyrrolidone (PVP)-passivated zinc oxide (ZnO) nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2017, 488, 348-355.	9.4	10
17	Impedance spectroscopy analysis of the photophysical dynamics due to the nanostructuring of anode interlayers in organic photovoltaics. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016, 213, 3165-3177.	1.8	11
18	Dual-excitation upconverting nanoparticle and quantum dot aptasensor for multiplexed food pathogen detection. <i>Biosensors and Bioelectronics</i> , 2016, 81, 280-286.	10.1	95

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19	Tuning hole charge collection efficiency in polymer photovoltaics by optimizing the work function of indium tin oxide electrodes with solution-processed LiF nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 9205-9212.	2.2	6
20	Characterization of a dual biotin tag for improved single stranded DNA production. <i>Analytical Methods</i> , 2014, 6, 548-557.	2.7	11
21	Employment of nanomaterials in polymerase chain reaction: insight into the impacts and putative operating mechanisms of nano-additives in PCR. <i>RSC Advances</i> , 2014, 4, 36800-36814.	3.6	30
22	The Effect of Boron on Processing and Phosphorescence Behavior of SrAl ₄ O ₇ (SA2) Co-doped with Eu ²⁺ and Dy ³⁺ . <i>Materials Research Society Symposia Proceedings</i> , 2011, 1309, 91.	0.1	1
23	Ä°nce Film Organik Fotovoltaikler Ä°Åšin Alana BaÄ°liÄ± YÄ¼k Toplama Modeli. TÄ¼rk DoÄ°ya Ve Fen Dergisi, 0, , . 0.5		0
24	Plasmonic Nanometal Surface Energy Transfer-based Dual Excitation Biosensing of Pathogens. <i>Sensors & Diagnostics</i> , 0, , .	3.8	2
25	Microwave-promoted continuous flow synthesis of thermoplastic polyurethane-silver nanocomposites and their antimicrobial performance. <i>Reaction Chemistry and Engineering</i> , 0, , .	3.7	4