Yavuz N Ertas

List of Publications by Year
in descending order

34	1,217	361296	414303
papers	citations	20 h-index	32 g-index

35	35	35	1223
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	(Nano)platforms in bladder cancer therapy: Challenges and opportunities. Bioengineering and Translational Medicine, 2023, 8, .	3.9	46
2	Methods for fabricating oxygen releasing biomaterials. Journal of Drug Targeting, 2022, 30, 188-199.	2.1	16
3	Gene regulation by antisense transcription: A focus on neurological and cancer diseases. Biomedicine and Pharmacotherapy, 2022, 145, 112265.	2.5	33
4	Implantable magnetic nanofibers with <scp>ONâ€“OFF</scp> switchable release of curcumin for possible local hyperthermic chemotherapy of melanoma. Journal of Biomedical Materials Research - Part A, 2022, 110, 851-860.	2.1	41
5	AMPK signaling in diabetes mellitus, insulin resistance and diabetic complications: A pre-clinical and clinical investigation. Biomedicine and Pharmacotherapy, 2022, 146, 112563.	2.5	95
6	EZH2 as a new therapeutic target in brain tumors: Molecular landscape, therapeutic targeting and future prospects. Biomedicine and Pharmacotherapy, 2022, 146, 112532.	2.5	24
7	Targeting AMPK signaling in ischemic/reperfusion injury: From molecular mechanism to pharmacological interventions. Cellular Signalling, 2022, 94, 110323.	1.7	15
8	Therapeutic Approaches to Amyotrophic Lateral Sclerosis from the Lab to the Clinic. Current Drug Metabolism, 2022, 23, 200-222.	0.7	4
9	Noncoding RNAs and their therapeutics in paclitaxel chemotherapy: Mechanisms of initiation, progression, and drug sensitivity. Journal of Cellular Physiology, 2022, 237, 2309-2344.	2.0	11
10	Electrospinning and Three-Dimensional (3D) Printing for Biofabrication. , 2022, , 555-604.		5
11	Recent Advances in Cochlear Implant Electrode Array Design Parameters. Micromachines, 2022, 13, 1081.	1.4	14
12	Role of biomaterials in the diagnosis, prevention, treatment, and study of corona virus disease 2019 (COVID-19). Emergent Materials, 2021, 4, 35-55.	3.2	19
13	Nanotechnology against the novel coronavirus (severe acute respiratory syndrome coronavirusÂ2): diagnosis, treatment, therapy and future perspectives. Nanomedicine, 2021, 16, 497-516.	1.7	61
14	Nanoparticles for Targeted Drug Delivery to Cancer Stem Cells: A Review of Recent Advances. Nanomaterials, 2021, 11, 1755.	1.9	39
15	Advanced Computational Methodologies Used in the Discovery of New Natural Anticancer Compounds. Frontiers in Pharmacology, 2021, 12, 702611.	1.6	33
16	Revealing the role of miRNA-489 as a new onco-suppressor factor in different cancers based on pre-clinical and clinical evidence. International Journal of Biological Macromolecules, 2021, 191, 727-737.	3.6	33
17	Advances in biomedical applications of self-healing hydrogels. Materials Chemistry Frontiers, 2021, 5, 4368-4400.	3.2	51
18	Ian Situ Tissue Engineering: A New Dimension. , 2021, , 325-350.		2

#	Article	IF	Citations
19	3D Bioprinting of Oxygenated Cellâ€Laden Gelatin Methacryloyl Constructs. Advanced Healthcare Materials, 2020, 9, e1901794.	3.9	80
20	Thermal behavior of the molten pool, microstructural evolution, and tribological performance during selective laser melting of TiC/316L stainless steel nanocomposites: Experimental and simulation methods. Journal of Materials Processing Technology, 2018, 257, 288-301.	3.1	133
21	More Than 12â€‰% Polarization and 20â€...Minute Lifetime of ¹⁵N in a Choline Derivative Utilizing Parahydrogen and a Rhodium Nanocatalyst in Water. Angewandte Chemie, 2018, 130, 10852-10856.	1.6	19
22	More Than 12â€‰% Polarization and 20â€...Minute Lifetime of ¹⁵N in a Choline Derivative Utilizing Parahydrogen and a Rhodium Nanocatalyst in Water. Angewandte Chemie - International Edition, 2018, 57, 10692-10696.	7.2	36
23	Aqueous Ligand-Stabilized Palladium Nanoparticle Catalysts for Parahydrogen-Induced ¹³C Hyperpolarization. Analytical Chemistry, 2017, 89, 7190-7194.	3.2	22
24	Controlled nanocrystallinity in Gd nanobowls leads to magnetization of 226 emu/g. Journal of Applied Physics, 2017, 121, .	1.1	6
25	Effects of Cd vacancies and unconventional spin dynamics in the Dirac semimetal Cd3As2. Journal of Chemical Physics, 2017, 147, 084706.	1.2	6
26	Surface ligand-directed pair-wise hydrogenation for heterogeneous phase hyperpolarization. Chemical Communications, 2016, 52, 605-608.	2.2	17
27	Supercapacitor behaviors of polyaniline/CuO, polypyrrole/CuO and PEDOT/CuO nanocomposites. Polymer Bulletin, 2015, 72, 2573-2589.	1.7	96
28	A Nanoparticle Catalyst for Heterogeneous Phase Paraâ€Hydrogenâ€Induced Polarization in Water. Angewandte Chemie - International Edition, 2015, 54, 2452-2456.	7.2	65
29	A Nanoparticle Catalyst for Heterogeneous Phase Paraâ€Hydrogenâ€Induced Polarization in Water. Angewandte Chemie, 2015, 127, 2482-2486.	1.6	24
30	High-Throughput and Label-Free Single Nanoparticle Sizing Based on Time-Resolved On-Chip Microscopy. ACS Nano, 2015, 9, 3265-3273.	7.3	73
31	Oxide-Free Gadolinium Nanocrystals with Large Magnetic Moments. Chemistry of Materials, 2015, 27, 5371-5376.	3.2	20
32	Field-Portable Nanoparticle and Virus Sizing Enabled by On-Chip Microscopy and Vapor-Condensed Nanolenses. , 2015, , .		0
33	Effects of multivariate linker substitution, metal binding, and reactor conditions on the catalytic activity of a Pd-functionalized MOF for olefin hydrogenation. Applied Catalysis A: General, 2014, 488, 248-255.	2.2	12
34	Microfluidics for reconfigurable electromagnetic metamaterials. Applied Physics Letters, 2009, 95, .	1.5	63