

Yavuz N Ertas

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,217
citations

361296

20
h-index

414303

32
g-index

35
all docs

35
docs citations

35
times ranked

1223
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Journal of Materials Processing Technology</i> , 2018, 257, 288-301.	3.1	133
2	Supercapacitor behaviors of polyaniline/CuO, polypyrrole/CuO and PEDOT/CuO nanocomposites. <i>Polymer Bulletin</i> , 2015, 72, 2573-2589.	1.7	96
3	AMPK signaling in diabetes mellitus, insulin resistance and diabetic complications: A pre-clinical and clinical investigation. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112563.	2.5	95
4	3D Bioprinting of Oxygenated Cell-Laden Gelatin Methacryloyl Constructs. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901794.	3.9	80
5	High-Throughput and Label-Free Single Nanoparticle Sizing Based on Time-Resolved On-Chip Microscopy. <i>ACS Nano</i> , 2015, 9, 3265-3273.	7.3	73
6	A Nanoparticle Catalyst for Heterogeneous Phase Para-Hydrogen-Induced Polarization in Water. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2452-2456.	7.2	65
7	Microfluidics for reconfigurable electromagnetic metamaterials. <i>Applied Physics Letters</i> , 2009, 95, .	1.5	63
8	Nanotechnology against the novel coronavirus (severe acute respiratory syndrome coronavirus-2): diagnosis, treatment, therapy and future perspectives. <i>Nanomedicine</i> , 2021, 16, 497-516.	1.7	61
9	Advances in biomedical applications of self-healing hydrogels. <i>Materials Chemistry Frontiers</i> , 2021, 5, 4368-4400.	3.2	51
10	(Nano)platforms in bladder cancer therapy: Challenges and opportunities. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	3.9	46
11	Implantable magnetic nanofibers with ON/OFF switchable release of curcumin for possible local hyperthermic chemotherapy of melanoma. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, 110, 851-860.	2.1	41
12	Nanoparticles for Targeted Drug Delivery to Cancer Stem Cells: A Review of Recent Advances. <i>Nanomaterials</i> , 2021, 11, 1755.	1.9	39
13	More Than 12% Polarization and 20-Minute Lifetime of ^{15}N in a Choline Derivative Utilizing Parahydrogen and a Rhodium Nanocatalyst in Water. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10692-10696.	7.2	36
14	Advanced Computational Methodologies Used in the Discovery of New Natural Anticancer Compounds. <i>Frontiers in Pharmacology</i> , 2021, 12, 702611.	1.6	33
15	Revealing the role of miRNA-489 as a new onco-suppressor factor in different cancers based on pre-clinical and clinical evidence. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 727-737.	3.6	33
16	Gene regulation by antisense transcription: A focus on neurological and cancer diseases. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112265.	2.5	33
17	A Nanoparticle Catalyst for Heterogeneous Phase Para-Hydrogen-Induced Polarization in Water. <i>Angewandte Chemie</i> , 2015, 127, 2482-2486.	1.6	24
18	EZH2 as a new therapeutic target in brain tumors: Molecular landscape, therapeutic targeting and future prospects. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112532.	2.5	24

#	ARTICLE	IF	CITATIONS
19	Aqueous Ligand-Stabilized Palladium Nanoparticle Catalysts for Parahydrogen-Induced ¹³ C Hyperpolarization. <i>Analytical Chemistry</i> , 2017, 89, 7190-7194.	3.2	22
20	Oxide-Free Gadolinium Nanocrystals with Large Magnetic Moments. <i>Chemistry of Materials</i> , 2015, 27, 5371-5376.	3.2	20
21	More Than 12% Polarization and 20-Second Minute Lifetime of ¹⁵ N in a Choline Derivative Utilizing Parahydrogen and a Rhodium Nanocatalyst in Water. <i>Angewandte Chemie</i> , 2018, 130, 10852-10856.	1.6	19
22	Role of biomaterials in the diagnosis, prevention, treatment, and study of corona virus disease 2019 (COVID-19). <i>Emergent Materials</i> , 2021, 4, 35-55.	3.2	19
23	Surface ligand-directed pair-wise hydrogenation for heterogeneous phase hyperpolarization. <i>Chemical Communications</i> , 2016, 52, 605-608.	2.2	17
24	Methods for fabricating oxygen releasing biomaterials. <i>Journal of Drug Targeting</i> , 2022, 30, 188-199.	2.1	16
25	Targeting AMPK signaling in ischemic/reperfusion injury: From molecular mechanism to pharmacological interventions. <i>Cellular Signalling</i> , 2022, 94, 110323.	1.7	15
26	Recent Advances in Cochlear Implant Electrode Array Design Parameters. <i>Micromachines</i> , 2022, 13, 1081.	1.4	14
27	Effects of multivariate linker substitution, metal binding, and reactor conditions on the catalytic activity of a Pd-functionalized MOF for olefin hydrogenation. <i>Applied Catalysis A: General</i> , 2014, 488, 248-255.	2.2	12
28	Noncoding RNAs and their therapeutics in paclitaxel chemotherapy: Mechanisms of initiation, progression, and drug sensitivity. <i>Journal of Cellular Physiology</i> , 2022, 237, 2309-2344.	2.0	11
29	Controlled nanocrystallinity in Gd nanobowls leads to magnetization of 226 emu/g. <i>Journal of Applied Physics</i> , 2017, 121, .	1.1	6
30	Effects of Cd vacancies and unconventional spin dynamics in the Dirac semimetal Cd ₃ As ₂ . <i>Journal of Chemical Physics</i> , 2017, 147, 084706.	1.2	6
31	Electrospinning and Three-Dimensional (3D) Printing for Biofabrication. , 2022, , 555-604.		5
32	Therapeutic Approaches to Amyotrophic Lateral Sclerosis from the Lab to the Clinic. <i>Current Drug Metabolism</i> , 2022, 23, 200-222.	0.7	4
33	In Situ Tissue Engineering: A New Dimension. , 2021, , 325-350.		2
34	Field-Portable Nanoparticle and Virus Sizing Enabled by On-Chip Microscopy and Vapor-Condensed Nanolenses. , 2015, , .		0