

Christian Harito

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

450
citations

933410

10
h-index

713444

21
g-index

38
all docs

38
docs citations

38
times ranked

577
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymer nanocomposites having a high filler content: synthesis, structures, properties, and applications. <i>Nanoscale</i> , 2019, 11, 4653-4682.	5.6	161
2	Reviewâ€”The Development of Wearable Polymer-Based Sensors: Perspectives. <i>Journal of the Electrochemical Society</i> , 2020, 167, 037566.	2.9	76
3	Cellulose acetate based Complexation-NF membranes for the removal of Pb(II) from waste water. <i>Scientific Reports</i> , 2021, 11, 1806.	3.3	27
4	Decolourisation of reactive black-5 at an RVC substrate decorated with PbO ₂ /TiO ₂ nanosheets prepared by anodic electrodeposition. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 2889-2900.	2.5	23
5	Titanate nanotubes and nanosheets as a mechanical reinforcement of water-soluble polyamic acid: Experimental and theoretical studies. <i>Composites Part B: Engineering</i> , 2017, 124, 54-63.	12.0	21
6	Inhibition of Polyimide Photodegradation by Incorporation of Titanate Nanotubes into a Composite. <i>Journal of Polymers and the Environment</i> , 2019, 27, 1505-1515.	5.0	21
7	Electrospinning of <i>in situ</i> and <i>ex situ</i> synthesized polyimide composites reinforced by titanate nanotubes. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	13
8	Mass transport control of oxygen reduction at graphite felt with subsequent decolourisation of RB-5 dye in a parallel plate flow reactor. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 104, 123-129.	5.3	13
9	Processes associated with ionic current rectification at a 2D-titanate nanosheet deposit on a microhole poly(ethylene terephthalate) substrate. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 1237-1248.	2.5	12
10	Photocatalytic degradation of methylene blue dye on reticulated vitreous carbon decorated with electrophoretically deposited TiO ₂ nanotubes. <i>Diamond and Related Materials</i> , 2020, 109, 108001.	3.9	11
11	Mechanical properties of carbon nanotubes/epoxy nanocomposites: Pre-curing, curing temperature, and cooling rate. <i>High Performance Polymers</i> , 2021, 33, 741-750.	1.8	11
12	Insertion of nanostructured titanates into the pores of an anodised TiO ₂ nanotube array by mechanically stimulated electrophoretic deposition. <i>Journal of Materials Chemistry C</i> , 2017, 5, 3955-3961.	5.5	10
13	Electroanalysis in 2D-TiO ₂ Nanosheet Hosts: Electrolyte and Selectivity Effects in Ferroceneboronic Acid Saccharide Binding. <i>Electroanalysis</i> , 2018, 30, 1303-1310.	2.9	10
14	Photoelectroanalytical Oxygen Detection with Titanate Nanosheet Platinum Hybrids Immobilised into a Polymer of Intrinsic Microporosity (PIM-1). <i>Electroanalysis</i> , 2020, 32, 2756-2763.	2.9	5
15	Incorporation of titanate nanosheets to enhance mechanical properties of water-soluble polyamic acid. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 223, 012054.	0.6	4
16	Synthesis and application of gas diffusion cathodes in an advanced type of undivided electrochemical cell. <i>Scientific Reports</i> , 2020, 10, 17267.	3.3	4
17	Interferon Î±2-Thymosin Î±1 Fusion Protein (IFNÎ±2-Î±1): A Genetically Engineered Fusion Protein with Enhanced Anticancer and Antiviral Effect. <i>Materials</i> , 2021, 14, 3318.	2.9	4
18	Trends in nanomaterial-based biosensors for viral detection. <i>Nano Futures</i> , 2022, 6, 022005.	2.2	4

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19	Extraction of hydrophobic analytes from organic solution into a titanate 2D-nanosheet host: Electroanalytical perspectives. <i>Analytica Chimica Acta</i> : X, 2019, 1, 100001.	1.0	3
20	Berkovich nanoindentation study of 16Ånm Cu/Nb ARB nanolaminate: Effect of anisotropy on the surface pileup. <i>MRS Advances</i> , 2021, 6, 495-499.	0.9	3
21	Crystallographic Anisotropy Dependence of Interfacial Sliding Phenomenon in a Cu(16)/Nb(16) ARB (Accumulated Rolling Bonding) Nanolaminate. <i>Nanomaterials</i> , 2022, 12, 308.	4.1	3
22	Effect of Amide Functionalization and Precuring on Tensile Properties of MWCNT/Epoxy Nanocomposites. <i>Macromolecular Symposia</i> , 2015, 353, 88-95.	0.7	2
23	Voltammetric characterisation of diferrocenylborinic acid in organic solution and in aqueous media when immobilised into a titanate nanosheet film. <i>Dalton Transactions</i> , 2019, 48, 11200-11207.	3.3	2
24	Patterning of worm-like soft polydimethylsiloxane structures using a TiO ₂ nanotubular array. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49795.	2.6	2
25	PbO ₂ decorated ZnO-TiO ₂ core-shell nanoflower structures by zinc anodising for photo- and anodic degradation of Reactive Black-5 dye. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2020, 11, 035018.	1.5	2
26	Conceptualized Simulation for Templating Carbon Based Nano Structures for Li-ion Batteries: A DFT Investigation. <i>Journal of New Materials for Electrochemical Systems</i> , 2021, 24, 66-72.	0.6	1
27	Hierarchical mesoscale assembly of PbO ₂ on 3D titanium felt/TiO ₂ nanotubular array electrode for anodic decolourisation of RB-5 dye. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2020, 11, 045003.	1.5	1
28	Sustainable Sound Absorber from Nonwoven Fabric of Natural Biduri Fibers (Calotropis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td	3.1	1
29	Cover Image, Volume 137, Issue 45. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49846.	2.6	0
30	Chapter 8. Polymer Composites Having a High Filler Content of Cellulose Nanoparticles. , 2021, , 170-186.		0
31	A DFT Study of Heteroatom Doped-Pyrazine as an Anode in Sodium ion Batteries. <i>Journal of New Materials for Electrochemical Systems</i> , 2021, 24, 1-8.	0.6	0