Ta-I Yang

List of Publications by Year
in descending order

26 papers	1,157 citations	623574 14 h-index	580701 25 g-index
26 all docs	26 docs citations	26 times ranked	1706 citing authors

#	Article	IF	Citations
1	Preparation of highly stable and recyclable Au/electroactive polyamide composite catalyst for nitrophenol reduction. Polymer, 2021, 213, 123200.	1.8	6
2	An Insight into Nano Silver Fluoride-Coated Silk Fibroin Bioinspired Membrane Properties for Guided Tissue Regeneration. Polymers, 2021, 13, 2659.	2.0	9
3	Electrospun Hydrophobic Polyaniline/Silk Fibroin Electrochromic Nanofibers with Low Electrical Resistance. Polymers, 2020, 12, 2102.	2.0	18
4	A Novel Electroactive Imide Oligomer and Its Application in Anticorrosion Coating. Polymers, 2020, 12, 91.	2.0	10
5	Electroactive Composites with Block Copolymer-Templated Iron Oxide Nanoparticles for Magnetic Hyperthermia Application. Polymers, 2019, 11, 1430.	2.0	3
6	Biomimetic Polyimide-Supported Cuprous Oxide Photocatalytic Film with Tunable Hydrophobicity, Improved Thermal Stability, and Photocatalytic Activity toward CO₂ Reduction. ACS Omega, 2019, 4, 1636-1644.	1.6	19
7	Controlled synthesis of metallic iron nanoparticles and their magnetic hyperthermia performance in polyaniline composite nanofibers. Nanotechnology, 2017, 28, 055601.	1.3	10
8	Advanced superhydrophobic electroactive fluorinated polyimide and its application in anticorrosion coating. International Journal of Green Energy, 2017, 14, 113-120.	2.1	30
9	Electroactive polyamide modified carbon paste electrode for the determination of ascorbic acid. International Journal of Green Energy, 2016, 13, 1334-1341.	2.1	7
10	Core/Shell Iron/Oxide Nanoparticles for Improving the Magnetoâ€Dielectric Properties of Polymer Composites. Advanced Engineering Materials, 2016, 18, 121-126.	1.6	6
11	AMPHIPHILIC POLYMER-ASSISTED SYNTHESIS OF HYDROXYAPATITE PARTICLES AND THEIR INFLUENCE ON THE RHEOLOGICAL AND MECHANICAL PROPERTIES OF THERMOSENSITIVE HYDROGELS. Biomedical Engineering - Applications, Basis and Communications, 2016, 28, 1650013.	0.3	4
12	Synthesis of electroactive polyazomethine and its application in electrochromic property and electrochemical sensor. Surface and Coatings Technology, 2016, 303, 154-161.	2.2	22
13	Effect of hydroxyapatite particles on the rheological behavior of poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td (g 152, 158-166.	2.0	8
14	Synthesis and anticorrosive properties of electroactive polyimide/SiO₂ composites. Polymer Composites, 2014, 35, 617-625.	2.3	15
15	A New Class of Biocompatible Tricalcium Phosphate/ Polypropylene Carbonate/ Polylactic Acid Nanocomposites with Controlled Flexibility and Biodegradability. Current Nanoscience, 2014, 10, 194-199.	0.7	3
16	Synthesis electroactive polyurea with aniline-pentamer-based in the main chain and its application in electrochemical sensor. Electrochimica Acta, 2013, 94, 300-306.	2.6	25
17	A STRATEGY TO ENHANCE THE BIOMEDICAL ARTICULATION SYSTEM BY ELECTROCHEMICALLY TEXTURING OF METAL SURFACES. Biomedical Engineering - Applications, Basis and Communications, 2012, 24, 343-347.	0.3	0
18	Synergistic effect of electroactivity and hydrophobicity on the anticorrosion property of room-temperature-cured epoxy coatings with multi-scale structures mimicking the surface of Xanthosoma sagittifolium leaf. Journal of Materials Chemistry, 2012, 22, 15845.	6.7	66

#	Article	IF	Citations
19	Novel anticorrosion coatings prepared from polyaniline/graphene composites. Carbon, 2012, 50, 5044-5051.	5.4	631
20	A novel rotating electrochemically anodizing process to fabricate titanium oxide surface nanostructures enhancing the bioactivity of osteoblastic cells. Journal of Biomedical Materials Research - Part A, 2012, 100A, 1687-1695.	2.1	14
21	Electrochemical investigations of the anticorrosive and electrochromic properties of electroactive polyamide. Electrochimica Acta, 2012, 63, 185-191.	2.6	56
22	Fabrication of porous polylactic acid films assisted by dipâ€coating and template leaching techniques. Journal of Applied Polymer Science, 2012, 124, 2333-2339.	1.3	10
23	Color changing block copolymer films for chemical sensing of simple sugars. Biosensors and Bioelectronics, 2011, 28, 349-354.	5.3	18
24	Surfactant-modified nickel zinc iron oxide/polymer nanocomposites for radio frequency applications. Journal of Nanoparticle Research, 2010, 12, 2967-2978.	0.8	31
25	Magneto-dielectric properties of polymerâ€“ nanocomposites. Journal of Magnetism and Magnetic Materials, 2008, 320, 2714-2720.	1.0	68
26	Dielectric properties of polymer nanoparticle composites. Polymer, 2007, 48, 791-798.	1.8	68