

# Ying Xiong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/932964/publications.pdf>

Version: 2024-02-01

54  
papers

1,224  
citations

430442

18  
h-index

395343

33  
g-index

57  
all docs

57  
docs citations

57  
times ranked

1002  
citing authors

#	ARTICLE	IF	CITATIONS
1	An experimental study of cyclic plastic deformation of extruded ZK60 magnesium alloy under uniaxial loading at room temperature. <i>International Journal of Plasticity</i> , 2014, 53, 107-124.	4.1	122
2	Multiaxial fatigue of extruded AZ31B magnesium alloy. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2012, 546, 119-128.	2.6	88
3	KDM2B/FBXL10 targets c-Fos for ubiquitylation and degradation in response to mitogenic stimulation. <i>Oncogene</i> , 2016, 35, 4179-4190.	2.6	82
4	A study on microstructure and corrosion resistance of ZrO <sub>2</sub> -containing PEO coatings formed on AZ31 Mg alloy in phosphate-based electrolyte. <i>Applied Surface Science</i> , 2015, 357, 1463-1471.	3.1	74
5	Cyclic deformation and fatigue of rolled AZ80 magnesium alloy along different material orientations. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 677, 58-67.	2.6	59
6	Fatigue of ZK60 magnesium alloy under uniaxial loading. <i>International Journal of Fatigue</i> , 2014, 64, 74-83.	2.8	54
7	LSP/MAO composite bio-coating on AZ80 magnesium alloy for biomedical application. <i>Materials Science and Engineering C</i> , 2017, 75, 1299-1304.	3.8	52
8	The n-MAO/EPD bio-ceramic composite coating fabricated on ZK60 magnesium alloy using combined micro-arc oxidation with electrophoretic deposition. <i>Applied Surface Science</i> , 2014, 322, 230-235.	3.1	50
9	High Performance and Low Migration One Component Thioxanthone Visible Light Photoinitiators. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1600484.	1.1	50
10	Degradation behavior of n-MAO/EPD bio-ceramic composite coatings on magnesium alloy in simulated body fluid. <i>Journal of Alloys and Compounds</i> , 2015, 625, 258-265.	2.8	44
11	Deformation of extruded ZK60 magnesium alloy under uniaxial loading in different material orientations. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 710, 206-213.	2.6	38
12	Cyclic deformation and fatigue of extruded AZ31B magnesium alloy under different strain ratios. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 649, 93-103.	2.6	37
13	Effect of current density on microstructure and properties of PEO ceramic coatings on magnesium alloy. <i>Surface Engineering</i> , 2017, 33, 744-752.	1.1	36
14	Microstructure and corrosion resistance of Ti <sub>3</sub> O <sub>5</sub> -HA bio-ceramic coating fabricated on AZ80 magnesium alloy. <i>Surface and Coatings Technology</i> , 2017, 325, 239-247.	2.2	33
15	The effect of microstructures on fatigue crack growth in Q345 steel welded joint. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2012, 35, 500-512.	1.7	26
16	Stress corrosion cracking behavior of LSP/MAO treated magnesium alloy during SSRT in a simulated body fluid. <i>Journal of Alloys and Compounds</i> , 2020, 822, 153707.	2.8	24
17	A Green and Highly Efficient Naphthalimide Visible Photoinitiator with an Ability Initiating Free Radical Polymerization under Air. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1800256.	1.1	22
18	Characteristics of CeO <sub>2</sub> /ZrO <sub>2</sub> -HA composite coating on ZK60 magnesium alloy. <i>Journal of Materials Research</i> , 2017, 32, 1073-1082.	1.2	20

#	ARTICLE	IF	CITATIONS
19	Study on Microstructure and Electrochemical Corrosion Behavior of PEO Coatings Formed on Aluminum Alloy. <i>Journal of Materials Engineering and Performance</i> , 2015, 24, 5022-5031.	1.2	19
20	Bioceramic Coating Produced on AZ80 Magnesium Alloy by One-Step Microarc Oxidation Process. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 1719-1727.	1.2	17
21	Corrosion Behavior of Different Coatings Prepared on the Surface of AZ80 Magnesium Alloy in Simulated Body Fluid. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 1609-1621.	1.2	17
22	Silicone-Thioxanthone: A Multifunctionalized Visible Light Photoinitiator with an Ability to Modify the Cured Polymers. <i>Polymers</i> , 2019, 11, 695.	2.0	16
23	Effect of solution pH on stress corrosion cracking behavior of modified AZ80 magnesium alloy in simulated body fluid. <i>Materials Chemistry and Physics</i> , 2021, 261, 124232.	2.0	16
24	Influence of compressive plastic zone at the crack tip upon fatigue crack propagation. <i>International Journal of Fatigue</i> , 2008, 30, 67-73.	2.8	15
25	Clearance of human papillomavirus infection in patients with cervical intraepithelial neoplasia. <i>Medicine (United States)</i> , 2020, 99, e23155.	0.4	14
26	Porous zinc(II)-organic framework with potential open metal sites: Synthesis, structure and property. <i>Science China Chemistry</i> , 2011, 54, 1436-1440.	4.2	13
27	Effect of Initial Orientation on Corrosion Behavior of AZ80 Magnesium Alloy in Simulated Body Fluid. <i>Metals and Materials International</i> , 2021, 27, 2645-2655.	1.8	13
28	Dynamic corrosion behavior of AZ80 magnesium alloy with different orientations in simulated body fluid. <i>Materials Chemistry and Physics</i> , 2021, 259, 124039.	2.0	13
29	Wear behavior of extruded ZK60 magnesium alloy in simulated body fluid with different pH values. <i>Materials Chemistry and Physics</i> , 2021, 262, 124292.	2.0	12
30	Spectroscopic characterization of DOM and the nitrogen removal mechanism during wastewater reclamation plant. <i>PLoS ONE</i> , 2017, 12, e0187355.	1.1	12
31	Effect of texture evolution on corrosion resistance of AZ80 magnesium alloy subjected to applied force in simulated body fluid. <i>Materials Research Express</i> , 2020, 7, 015406.	0.8	11
32	Preparation and photocatalytic activity of MAO-TiO <sub>2</sub> films formed on titanium doped with V <sub>2</sub> O <sub>5</sub> and Ag <sub>2</sub> O. <i>Materials Technology</i> , 2016, 31, 58-63.	1.5	10
33	Microstructure damage evolution associated with cyclic deformation for extruded AZ31B magnesium alloy. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 675, 171-180.	2.6	10
34	Preparation and Characterization of Tris(trimethylsiloxy)silyl Modified Polyurethane Acrylates and Their Application in Textile Treatment. <i>Polymers</i> , 2020, 12, 1629.	2.0	10
35	Stress Corrosion Resistance of Laser Shock Peening/Microarc Oxidation Reconstruction Layer Fabricated on AZ80 Magnesium Alloy in Simulated Body Fluid. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 5750-5756.	1.2	10
36	Examination of fatigue crack driving force parameter. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2008, 31, 754-765.	1.7	9

#	ARTICLE	IF	CITATIONS
37	Effect of initial texture on fatigue properties of extruded ZK60 magnesium alloy. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2018, 41, 1504-1513.	1.7	9
38	Effect of Twin-Induced Texture Evolution on Corrosion Resistance of Extruded ZK60 Magnesium Alloy in Simulated Body Fluid. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 5710-5717.	1.2	9
39	Characterization and Electrochemical Corrosion Behavior of Biological Ceramic Coatings on Magnesium Alloy by Micro-Arc Oxidation. <i>Journal of Biobased Materials and Bioenergy</i> , 2014, 8, 158-164.	0.1	9
40	Ratcheting deformation and fatigue of surface treated ZK60 magnesium alloy. <i>International Journal of Fatigue</i> , 2022, 156, 106691.	2.8	9
41	Compressive deformation of rolled AZ80 magnesium alloy along different material orientations. <i>Journal of Materials Science</i> , 2020, 55, 4043-4053.	1.7	8
42	Characteristics of fatigue crack propagation behaviour as identified by hysteresis loop at the crack tip. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2006, 29, 454-463.	1.7	6
43	Degradation behavior of AZ80 magnesium alloy with LSP/MAO composite bio-coating in simulated body fluid. <i>Materials Research Express</i> , 2019, 6, 116587.	0.8	6
44	A novel UV-B priming system reveals an UVR8-dependent memory, which provides resistance against UV-B stress in Arabidopsis leaves. <i>Plant Signaling and Behavior</i> , 2021, 16, 1879533.	1.2	6
45	A Realizable Green Strategy to Negative Polyurethane Photoresists through the Application of a Silicone Resin Photoinitiator. <i>ACS Applied Polymer Materials</i> , 2021, 3, 929-936.	2.0	4
46	Fatigue behavior of modified ZK60 magnesium alloy after pre-corrosion under stress-controlled loading. <i>Engineering Fracture Mechanics</i> , 2022, 260, 108187.	2.0	4
47	Fabrication and photocatalytic activity of MAO-TiO <sub>2</sub> films formed on titanium doped with cations. <i>Materials Technology</i> , 0, , 1-5.	1.5	1
48	Sole Component Visible Macrophotoinitiators with Si-H: Decreased Oxygen Inhibition and Modified Cured Polymer Materials. <i>ChemistrySelect</i> , 2020, 5, 10243-10249.	0.7	1
49	Long-Term Corrosion Behavior of AZ80 Magnesium Alloy along Different Crystallographic Orientations in Simulated Body Fluid. <i>Journal of Materials Engineering and Performance</i> , 2021, 30, 2124-2135.	1.2	1
50	A class of azocarbazole-based carboxylates: High efficiency ionic unimolecular photobase generators for thiol-epoxy click polymerization under blue light. <i>Journal of Polymer Science</i> , 2021, 59, 3020-3028.	2.0	1
51	Fatigue behavior after pre-corroded in a simulated body fluid for ZK60 magnesium alloy prepared by micro-arc oxidation. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 0, , .	1.7	1
52	Corrosive-wear behavior of LSP/MAO treated magnesium alloys in physiological environment with three pH values. <i>Corrosion Reviews</i> , 2022, 40, 65-76.	1.0	1
53	Effects of GW1929 on uterus, ovary and bone metabolism function in perimenopause rats. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 1884-1893.	0.0	0
54	High spontaneous pregnancy and live birth rate in patients with stage III-IV endometriosis following surgical management. <i>Asian Journal of Surgery</i> , 2022, 45, 912-913.	0.2	0