

Lei Yu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/33334/publications.pdf>

Version: 2024-02-01

24
papers

662
citations

687363

13
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

1011
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature-Dependent Dielectric Properties of Polyimide (PI) and Polyamide (PA) Nanocomposites. IEEE Nanotechnology Magazine, 2021, 20, 584-591.	2.0	5
2	PMMA Nanocomposite Based Cryogenic Dielectrics for High-Temperature Superconducting (HTS) Cables. , 2021, , .		0
3	Increased Dielectric Strength of Polyimide/Silicon Dioxide Nanocomposites at Cryogenic Temperatures. , 2020, , .		2
4	Conductivity, Viscosity, Spectroscopic Properties of Organic Sulfonic Acid solutions in Ionic Liquids. ChemEngineering, 2019, 3, 81.	2.4	5
5	Proton transfer and esterification reactions in EMIMOAc-based acidic ionic liquids. RSC Advances, 2017, 7, 18333-18339.	3.6	6
6	Conductivity, viscosity, and thermodynamic properties of propylene carbonate solutions in ionic liquids. Journal of Molecular Liquids, 2017, 246, 215-220.	4.9	22
7	Silver Oxide Coatings with High Silver-Ion Elution Rates and Characterization of Bactericidal Activity. Molecules, 2017, 22, 1487.	3.8	29
8	Thermodynamic and conductivity properties of acetic acid " EMIMOAc ionic liquid solutions. Journal of Molecular Liquids, 2016, 216, 710-715.	4.9	7
9	Characterization of the Bridged Proton Structure in HTFSI Acid Ionic Liquid Solutions. Journal of Physical Chemistry B, 2015, 119, 6304-6310.	2.6	14
10	Doped polyaniline in Brønsted acid ionic liquid 1-butyl-3-methylimidazolium bis(trifluoromethyl(sulfonyl))imide. Journal of Applied Polymer Science, 2013, 127, 2453-2457.	2.6	13
11	Theoretical investigations of ferrocene/ferrocenium solvation in imidazolium-based room-temperature ionic liquids. Physical Chemistry Chemical Physics, 2013, 15, 2669.	2.8	23
12	Conductivity, Spectroscopic, and Computational Investigation of H ₃ O ⁺ Solvation in Ionic Liquid BMIBF ₄ . Journal of Physical Chemistry B, 2013, 117, 7057-7064.	2.6	14
13	Gold Nanoparticle Determination by Inductively Coupled Plasma-Mass Spectrometry, Anodic Stripping Voltammetry, and Flame Atomic Absorption Spectrophotometry. Analytical Letters, 2012, 45, 1310-1320.	1.8	9
14	Conductivity and Spectroscopic Investigation of Bis(trifluoromethanesulfonyl)imide Solution in Ionic Liquid 1-Butyl-3-methylimidazolium Bis(trifluoromethanesulfonyl)imide. Journal of Physical Chemistry B, 2012, 116, 6553-6560.	2.6	23
15	Catalytic Electrochemical Reduction of CO ₂ in Ionic Liquid EMIMBF ₃ Cl. Journal of the Electrochemical Society, 2011, 158, F155.	2.9	59
16	Irreversible Redox Reactions of Ferrocene/Ferrocenium on Self-Assembled Monolayer Modified Gold Electrode in Ionic Liquid BMIMBF ₄ . Journal of the Electrochemical Society, 2011, 158, F10.	2.9	11
17	Conductivity, Viscosity, and Dissolution Enthalpy of LiNTF ₂ in Ionic Liquid BMINTF ₂ . Journal of Physical Chemistry B, 2010, 114, 11709-11714.	2.6	44
18	Quantitative gold nanoparticle analysis methods: A review. Talanta, 2010, 82, 869-875.	5.5	72

#	ARTICLE	IF	CITATIONS
19	Label-free detection of Bacillus cereus DNA hybridization using electrochemical impedance spectroscopy for food quality monitoring application. , 2010, , .		3
20	Methane Interactions with Polyaniline/Butylmethylimidazolium Camphorsulfonate Ionic Liquid Composite. Langmuir, 2008, 24, 11631-11636.	3.5	25
21	Cross-Linked Surface-Grafted Glycopolymer for Multivalent Recognition of Lectin. Analytical Chemistry, 2007, 79, 8979-8986.	6.5	32
22	Ionic Liquid High-Temperature Gas Sensor Array. Analytical Chemistry, 2006, 78, 6980-6989.	6.5	108
23	Ionic liquid high temperature gas sensors. Chemical Communications, 2005, , 2277.	4.1	42
24	Preparation of aqueous polyaniline dispersions by micellar-aided polymerization. Journal of Applied Polymer Science, 2003, 88, 1550-1555.	2.6	94