

Furitsu Suzuki

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,397
citations

516710

16
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

1777
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship between air-water interfacial dilational viscoelasticity and foam property in aqueous solutions of sodium alkylsulfates with different hydrocarbon chains. <i>Journal of Dispersion Science and Technology</i> , 2021, 42, 1218-1224.	2.4	5
2	Foam Destabilization Effect of Sodium Bis(2-ethylhexyl)sulfosuccinate on Sodium Alkylsulfate Aqueous Solutions Based on Its Fast Surface Tension Gradient Relaxation. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 542-548.	3.2	1
3	Effects of Polypropylene Glycol at Very Low Concentrations on Rheological Properties at the Air-Water Interface and Foam Stability of Sodium Bis(2-ethylhexyl)sulfosuccinate Aqueous Solutions. <i>Langmuir</i> , 2020, 36, 10043-10050.	3.5	8
4	Effects of Structural and Energetic Disorders on Charge Transports in Crystal and Amorphous Organic Layers. <i>Scientific Reports</i> , 2018, 8, 5203.	3.3	21
5	$\text{LnAl}(\text{Si}_4\text{N}_7\text{O})_6$ Type Nitrides $\text{LnAl}(\text{Si}_4\text{N}_7\text{O})_6$ with Unusual $[\text{AlN}_6]$ Octahedral Coordination. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3886-3891.	13.8	1
6	Refined Crystal Structure of <i>Samia cynthia ricini</i> Silk Fibroin Revealed by Solid-State NMR Investigations. <i>Biomacromolecules</i> , 2017, 18, 1965-1974.	5.4	27
7	Detailed analysis of charge transport in amorphous organic thin layer by multiscale simulation without any adjustable parameters. <i>Scientific Reports</i> , 2016, 6, 39128.	3.3	29
8	Intermolecular Packing in <i>B. mori</i> Silk Fibroin: Multinuclear NMR Study of the Model Peptide (Ala-Gly) ₁₅ Defines a Heterogeneous Antiparallel Antipolar Mode of Assembly in the Silk II Form. <i>Macromolecules</i> , 2015, 48, 28-36.	4.8	43
9	Multiscale simulation of charge transport in a host material, N,N'-dicarbazole-3,5-benzene (mCP), for organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2015, 3, 5549-5555.	5.5	23
10	Organic light-emitting diodes: multiscale charge transport simulation and fabrication of new thermally activated delayed fluorescence (TADF) materials. , 2015, , .		0
11	Purely organic electroluminescent material realizing 100% conversion from electricity to light. <i>Nature Communications</i> , 2015, 6, 8476.	12.8	799
12	Difference in the structures of alanine tripeptide and tetrapeptide with antiparallel β -sheet assessed by X-ray diffraction, solid-state NMR and chemical shift calculations by GIPAW. <i>Biopolymers</i> , 2014, 101, 13-20.	2.4	24
13	Clarification of isomeric structures and the effect of intermolecular interactions in blue-emitting aluminum complex Alq3 using first-principles 27Al NMR calculations. <i>Chemical Physics Letters</i> , 2014, 605-606, 1-4.	2.6	5
14	Ordered π -stacking of Quasiplanar Molecules in Hole-Transporting Materials: Inducing Anisotropic Carrier Mobility in Amorphous Films. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5800-5804.	13.8	87
15	A designed fluorescent anthracene derivative: Theory, calculation, synthesis, and characterization. <i>Chemical Physics Letters</i> , 2014, 602, 80-83.	2.6	22
16	Determination of Accurate ¹ H Positions of (Ala-Gly) _n as a Sequential Peptide Model of <i>Bombyx mori</i> Silk Fibroin before Spinning (Silk I). <i>Macromolecules</i> , 2013, 46, 8046-8050.	4.8	31
17	Refined Structure Determination of Blue-Emitting Tris(8-hydroxyquinoline) Aluminum(III) (Alq ₃) by the Combined Use of Cross-Polarization/Magic-Angle Spinning ¹³ C Solid-State NMR and First-Principles Calculation. <i>Journal of Physical Chemistry C</i> , 2013, 117, 18809-18817.	3.1	25
18	Determination of accurate ¹ H positions of an alanine tripeptide with anti-parallel and parallel β -sheet structures by high resolution ¹ H solid state NMR and GIPAW chemical shift calculation. <i>Chemical Communications</i> , 2012, 48, 11199.	4.1	25

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19	Structure and crystallization of sub-elementary fibrils of bacterial cellulose isolated by using a fluorescent brightening agent. <i>Cellulose</i> , 2012, 19, 713-727.	4.9	16
20	Fusion of Phosphole and 1,1'-Biindenylidene: Phosphorus(V)-Containing Extended π -Systems with High Electron Affinity and Electron Mobility. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8016-8020.	13.8	115
21	Revealing bipolar charge-transport property of 4,4'-N,N'-dicarbazolylbiphenyl (CBP) by quantum chemical calculations. <i>Organic Electronics</i> , 2011, 12, 169-178.	2.6	44