

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	Purely organic electroluminescent material realizing 100% conversion from electricity to light. Nature Communications, 2015, 6, 8476.	12.8	799
2	Fusion of Phosphole and 1,10-Biacenaphthene: Phosphorus(V)-Containing Extended π -Systems with High Electron Affinity and Electron Mobility. Angewandte Chemie - International Edition, 2011, 50, 8016-8020.	13.8	115
3	On-Top π -Stacking of Quasiplanar Molecules in Hole-Transporting Materials: Inducing Anisotropic Carrier Mobility in Amorphous Films. Angewandte Chemie - International Edition, 2014, 53, 5800-5804.	13.8	87
4	Revealing bipolar charge-transport property of 4,4'-N,N'-dicarbazolylbiphenyl (CBP) by quantum chemical calculations. Organic Electronics, 2011, 12, 169-178.	2.6	44
5	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. Macromolecules, 2015, 48, 28-36.	4.8	43
6	Determination of Accurate ¹ H Positions of (Ala-Gly) _n as a Sequential Peptide Model of Bombyx mori Silk Fibroin before Spinning (Silk I). Macromolecules, 2013, 46, 8046-8050.	4.8	31
7	Detailed analysis of charge transport in amorphous organic thin layer by multiscale simulation without any adjustable parameters. Scientific Reports, 2016, 6, 39128.	3.3	29
8	Refined Crystal Structure of <i>Samia cynthia ricini</i> Silk Fibroin Revealed by Solid-State NMR Investigations. Biomacromolecules, 2017, 18, 1965-1974.	5.4	27
9	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. Chemical Communications, 2012, 48, 11199.	4.1	25
10	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. Journal of Physical Chemistry C, 2013, 117, 18809-18817.	3.1	25
11	Difference in the structures of alanine tri- and tetra-peptides with antiparallel β -sheet assessed by X-ray diffraction, solid-state NMR and chemical shift calculations by GIPAW. Biopolymers, 2014, 101, 13-20.	2.4	24
12	Multiscale simulation of charge transport in a host material, N,N'-dicarbazole-3,5-benzene (mCP), for organic light-emitting diodes. Journal of Materials Chemistry C, 2015, 3, 5549-5555.	5.5	23
13	A designed fluorescent anthracene derivative: Theory, calculation, synthesis, and characterization. Chemical Physics Letters, 2014, 602, 80-83.	2.6	22
14	Effects of Structural and Energetic Disorders on Charge Transports in Crystal and Amorphous Organic Layers. Scientific Reports, 2018, 8, 5203.	3.3	21
15	Structure and crystallization of sub-elementary fibrils of bacterial cellulose isolated by using a fluorescent brightening agent. Cellulose, 2012, 19, 713-727.	4.9	16
16	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. Langmuir, 2020, 36, 10043-10050.	3.5	8
17	Clarification of isomeric structures and the effect of intermolecular interactions in blue-emitting aluminum complex Alq ₃ using first-principles ²⁷ Al NMR calculations. Chemical Physics Letters, 2014, 605-606, 1-4.	2.6	5
18	Relationship between air-water interfacial dilational viscoelasticity and foam property in aqueous solutions of sodium alkylsulfates with different hydrocarbon chains. Journal of Dispersion Science and Technology, 2021, 42, 1218-1224.	2.4	5

#	ARTICLE	IF	CITATIONS
19	LnAl(Si ₄) ₇ O ₁₄ Type Nitrides LnAl(Si ₄) ₇ O ₁₄ with Unusual [AlN ₆] Octahedral Coordination. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3886-3891.	13.8	1
20	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
21	Organic light-emitting diodes: multiscale charge transport simulation and fabrication of new thermally activated delayed fluorescence (TADF) materials. , 2015, , .		0