Kazunori Sugiyasu

List of Publications by Year
in descending order

68 papers	4,977 citations	147726 31 h-index	91828 69 g-index
78 all docs	78 docs citations	78 times ranked	4541 citing authors

#	Article	IF	Citations
1	Efficient linking of two epoxides using potassium thioacetate in water and its use in polymerization. Chemical Communications, 2022, 58, 1108-1110.	2.2	0
2	Raman Fingerprints of Ï€-Electron Delocalization in Polythiophene-Based Insulated Molecular Wires. Macromolecules, 2022, 55, 3458-3468.	2.2	10
3	Multistep molecular and macromolecular assembly for the creation of complex nanostructures. Chemical Physics Reviews, 2022, 3, 021305.	2.6	4
4	A case study of monomer design for controlled/living supramolecular polymerization. Polymer Journal, 2021, 53, 865-875.	1.3	5
5	InnenrÃ¼cktitelbild: Polymorphism in Squaraine Dye Aggregates by Selfâ€Assembly Pathway Differentiation: Panchromatic Tubular Dye Nanorods versus Jâ€Aggregate Nanosheets (Angew. Chem.) Tj ETQq1 1 0.784314 rgBT /Ov	0.7	0
6	Polymorphism in Squaraine Dye Aggregates by Selfâ€Assembly Pathway Differentiation: Panchromatic Tubular Dye Nanorods versus Jâ€Aggregate Nanosheets. Angewandte Chemie - International Edition, 2021, 60, 11949-11958.	7.2	58
7	Polymorphism in Squaraine Dye Aggregates by Selfâ€Assembly Pathway Differentiation: Panchromatic Tubular Dye Nanorods versus Jâ€Aggregate Nanosheets. Angewandte Chemie, 2021, 133, 12056-12065.	1.6	19
8	Supramolecular double-stranded Archimedean spirals and concentric toroids. Nature Communications, 2020, 11, 3578.	5.8	67
9	Control over the Aspect Ratio of Supramolecular Nanosheets by Molecular Design. Chemistry - A European Journal, 2020, 26, 7840-7846.	1.7	28
10	Living supramolecular polymerization based on reversible deactivation of a monomer by using a â€˜dummyâ€™ monomer. Chemical Science, 2019, 10, 6770-6776.	3.7	39
11	Rod-like transition first or chain aggregation first? ordered aggregation of rod-like poly(p-phenyleneethynylene) chains in solution. Chemical Communications, 2019, 55, 13342-13345.	2.2	1
12	Direct Observation and Manipulation of Supramolecular Polymerization by Highâ€Speed Atomic Force Microscopy. Angewandte Chemie - International Edition, 2018, 57, 15465-15470.	7.2	38
13	Direct Observation and Manipulation of Supramolecular Polymerization by Highâ€Speed Atomic Force Microscopy. Angewandte Chemie, 2018, 130, 15691-15696.	1.6	13
14	Synthesis and Redox Behavior of a Sheathed Cross-Conjugated Polythiophene. Synlett, 2018, 29, 2557-2561.	1.0	5
15	Regression Analysis for Nucleationâ€“Elongation Model of Supramolecular Assembly: How To Determine Nucleus Size. Journal of Physical Chemistry B, 2018, 122, 9592-9604.	1.2	2
16	Amplified spontaneous emission in insulated polythiophenes. Journal of Materials Chemistry C, 2018, 6, 6591-6596.	2.7	24
17	A Block Supramolecular Polymer and Its Kinetically Enhanced Stability. Journal of the American Chemical Society, 2018, 140, 10570-10577.	6.6	112
18	Landscape of Charge Carrier Transport in Doped Poly(3-hexylthiophene): Noncontact Approach Using Ternary Combined Dielectric, Paramagnetic, and Optical Spectroscopies. Journal of Physical Chemistry Letters, 2018, 9, 3639-3645.	2.1	11

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19	â€œÏ€-Figurationâ€•for Controlling Stacking of Ï€-Conjugated Molecules and Polymers. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2018, 76, 200-208.	0.0	0
20	Control over differentiation of a metastable supramolecular assembly in one and two dimensions. Nature Chemistry, 2017, 9, 493-499.	6.6	408
21	Impact of a subtle structural difference on the kinetic behavior of metastable supramolecular assemblies. Polymer, 2017, 128, 311-316.	1.8	5
22	Autocatalytic Time-Dependent Evolution of Metastable Two-Component Supramolecular Assemblies to Self-Sorted or Coassembled State. Scientific Reports, 2017, 7, 2425.	1.6	27
23	Twisting poly(3-substituted thiophene)s: cyclopolymerization of gemini thiophene monomers through catalyst-transfer polycondensation. Polymer Journal, 2017, 49, 133-139.	1.3	10
24	Stabilization of Charge Carriers in Picketâ€Fence Polythiophenes Using Dielectric Side Chains. Chemistry - an Asian Journal, 2016, 11, 2284-2290.	1.7	6
25	Photoregulated Living Supramolecular Polymerization Established by Combining Energy Landscapes of Photoisomerization and Nucleationâ€“Elongation Processes. Journal of the American Chemical Society, 2016, 138, 14347-14353.	6.6	178
26	Synthesis of Unsheathed Insulated Molecular Wires. Chemistry Letters, 2016, 45, 1216-1218.	0.7	2
27	Enhanced Electroluminescence from a Thiophene-Based Insulated Molecular Wire. ACS Macro Letters, 2016, 5, 781-785.	2.3	28
28	Supramolecular Assembly that Propagates Like Amyloid Fibrils: Elucidation of the Mechanism and Programming of the Time-Evolution. Seibutsu Butsuri, 2015, 55, 154-156.	0.0	0
29	Conjugated Oligomers and Polymers Sheathed with Designer Side Chains. Chemistry - an Asian Journal, 2015, 10, 1820-1835.	1.7	55
30	Mechanism of Self-Assembly Process and Seeded Supramolecular Polymerization of Perylene Bisimide Organogelator. Journal of the American Chemical Society, 2015, 137, 3300-3307.	6.6	433
31	Whispering Gallery Resonance from Self-Assembled Microspheres of Highly Fluorescent Isolated Conjugated Polymers. Macromolecules, 2015, 48, 3928-3933.	2.2	45
32	Conductive Poly(2,5-substituted aniline)s Highly Soluble Both in Water and Organic Solvents. Journal of Nanoscience and Nanotechnology, 2014, 14, 4449-4454.	0.9	2
33	Strapped porphyrin-based polymeric systems. Polymer Journal, 2014, 46, 674-681.	1.3	11
34	Picketâ€Fence Polythiophene and its Diblock Copolymers that Afford Microphase Separations Comprising a Stacked and an Isolated Polythiophene Ensemble. Angewandte Chemie - International Edition, 2014, 53, 8870-8875.	7.2	42
35	Frontispiece: Picket-Fence Polythiophene and its Diblock Copolymers that Afford Microphase Separations Comprising a Stacked and an Isolated Polythiophene Ensemble. Angewandte Chemie - International Edition, 2014, 53, n/a-n/a.	7.2	0
36	Kinetic Control over Pathway Complexity in Supramolecular Polymerization through Modulating the Energy Landscape by Rational Molecular Design. Angewandte Chemie - International Edition, 2014, 53, 14363-14367.	7.2	162

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37	Blending conjugated polymers without phase separation for fluorescent colour tuning of polymeric materials through FRET. Chemical Communications, 2014, 50, 11814-11817.	2.2	20
38	Single Molecular Resistive Switch Obtained via Sliding Multiple Anchoring Points and Varying Effective Wire Length. Journal of the American Chemical Society, 2014, 136, 7327-7332.	6.6	101
39	Effect of Conjugated Backbone Protection on Intrinsic and Light-Induced Fluorescence Quenching in Polythiophenes. Chemistry of Materials, 2014, 26, 4867-4875.	3.2	42
40	Living supramolecular polymerization realized through a biomimetic approach. Nature Chemistry, 2014, 6, 188-195.	6.6	666
41	Thermoplastic Fluorescent Conjugated Polymers: Benefits of Preventing Ï€â€“Ï€ Stacking. Angewandte Chemie - International Edition, 2013, 52, 10775-10779.	7.2	92
42	Synthesis of Polyaniline with Low Polydispersity by Using a Supramolecular Ionic Assembly as the Reaction Medium. Chemistry - A European Journal, 2013, 19, 5824-5829.	1.7	2
43	Synthesis and Fluorescence Resonance Energy Transfer Properties of an Alternating Donorâ€“Acceptor Copolymer Featuring Orthogonally Arrayed Transition Dipoles along the Polymer Backbone. ACS Macro Letters, 2012, 1, 1199-1203.	2.3	11
44	Electrochemical Generation and Spectroscopic Characterization of Charge Carriers within Isolated Planar Polythiophene. Macromolecules, 2012, 45, 3759-3771.	2.2	47
45	Synthesis of Selfâ€Threading Bithiophenes and their Structureâ€“Property Relationships Regarding Cyclic Sideâ€Chains with Atomic Precision. Chemistry - an Asian Journal, 2012, 7, 75-84.	1.7	24
46	Oligofluorene-based electrophoretic nanoparticles in aqueous medium as a donor scaffold for fluorescence resonance energy transfer and white-light emission. Chemical Science, 2011, 2, 291-294.	3.7	81
47	Synthesis of a Doubly Strapped Light-Harvesting Porphyrin Bearing Energy Donor Molecules Hanging on to the Straps: An Attempt toward Macroscopic Control over Molecular Conformation that Affects the Efficiency of Fluorescence Resonance Energy Transfer. Bulletin of the Chemical Society of Japan, 2011, 84, 40-48.	2.0	24
48	A Self-Threading Polythiophene: Defect-Free Insulated Molecular Wires Endowed with Long Effective Conjugation Length. Journal of the American Chemical Society, 2010, 132, 14754-14756.	6.6	129
49	Conducting Polymer Networks Crossâ€Linked by â€œIsolatedâ€•Functional Dyes: Design, Synthesis, and Electrochemical Polymerization of Doubly Strapped Lightâ€Harvesting Porphyrin/Oligothiophene Monomers. Chemistry - A European Journal, 2009, 15, 6350-6362.	1.7	23
50	Creation of polynucleotide-assisted molecular assemblies in organic solvents: general strategy toward the creation of artificial DNA-like nanoarchitectures. Organic and Biomolecular Chemistry, 2008, 6, 712.	1.5	22
51	Self-Sorting Organogels with pâ€™n Heterojunction Points. Chemistry of Materials, 2008, 20, 2863-2865.	3.2	169
52	Conducting-Polymer-Based Chemical Sensors: Transduction Mechanisms. Bulletin of the Chemical Society of Japan, 2007, 80, 2074-2083.	2.0	53
53	Aromaticity in Tropone-Containing Polythiophene. Macromolecules, 2006, 39, 5598-5600.	2.2	19
54	Supramolecular design of a porphyrinâ€“[60]fullerene photocurrent generation system on a DNA scaffold fabricated by a conjugate polymer film. Tetrahedron Letters, 2005, 46, 3169-3173.	0.7	16

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55	Fluorescent organogels as templates for solâ€“gel transcription toward creation of optical nanofibers. Journal of Materials Chemistry, 2005, 15, 2747.	6.7	44
56	Design of Novel Composite Materials by Functional Low Molecular-Weight Organogels. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2005, 63, 359-369.	0.0	22
57	Visible-Light-Harvesting Organogel Composed of Cholesterol-Based Perylene Derivatives. Angewandte Chemie - International Edition, 2004, 43, 1229-1233.	7.2	430
58	Complementary hydrogen-bonding between thymidine-based low molecular-weight gelator and polynucleotide in organic mediaElectronic supplementary information (ESI) available: IR spectral changes in 1 gel induced by poly(A)/lipid addition; TEM images of 1 gel and 1 with poly(A)/lipid (1.0 eq.) gel, and SEM image of 1 with poly(A)/lipid gel (0.5 eq.). See http://www.rsc.org/suppdata/cc/b4/b407756n/. Chemical Communications, 2004, , 1996.	2.2	33
59	Facile and Stable Dispersion of Carbon Nanotubes into a Hydrogel Composed of a Low Molecular-weight Gelator Bearing a Tautomeric Dye Group. Chemistry Letters, 2004, 33, 120-121.	0.7	24
60	TICT Induced Fluorescence Color Change Actualized in an Organogel System. Chemistry Letters, 2004, 33, 1124-1125.	0.7	22
61	Proton-sensitive fluorescent organogelsElectronic supplementary information (ESI) available: excitation spectrum of 1Â·H+ and fluorescence spectrum of 1 in 1-propanol at 25 Â°C. See http://www.rsc.org/suppdata/ob/b2/b210968a/. Organic and Biomolecular Chemistry, 2003, 1, 895-899.	1.5	103
62	Facile deposition of [60]fullerene and carbon nanotubes on ITO electrode by electrochemical oxidative polymerization of ethylenedioxythiopheneElectronic supplementary information (ESI) available: SEM images. See http://www.rsc.org/suppdata/ob/b3/b303828a/. Organic and Biomolecular Chemistry, 2003, 1, 2343.	1.5	20
63	Cooperative C60Binding to a Porphyrin Tetramer Arranged around ap-Terphenyl Axis in 1:2 Hostâ^'Guest Stoichiometry. Organic Letters, 2002, 4, 925-928.	2.4	96
64	Double helical silica fibrils by solâ€“gel transcription of chiral aggregates of gemini surfactantsElectronic supplementary information (ESI) available: Fig. S1: TEM image of double stranded silica obtained by solâ€“gel transcription of l-1/d-1 gel (2â^¶1 mol/mol, 33% ee l-1 excess). See http://www.rsc.org/suppdata/cc/b2/b202799m/. Chemical Communications, 2002, , 1212-1213.	2.2	130
65	Allosteric saccharide sensing by a phenylboronic-acids-appended 5,15-Bis(triarylethynyl)porphyrin. Journal of Supramolecular Chemistry, 2002, 2, 133-142.	0.4	11
66	First Thermally Responsive Supramolecular Polymer Based on Glycosylated Amino Acid. Journal of the American Chemical Society, 2002, 124, 10954-10955.	6.6	337
67	First Successful Molecular Design of an Artificial Lewis Oligosaccharide Binding System Utilizing Positive Homotropic Allosterism. Journal of the American Chemical Society, 2001, 123, 10239-10244.	6.6	86
68	Porphyrin Polygons: A New Synthetic Strategy for Cyclic Porphyrin Oligomers Utilizing a Porphyrin Double Decker Structure. Chemistry Letters, 2001, 30, 1266-1267.	0.7	6