

Kana M Sureshan

List of Publications by Year in descending order

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128
papers

3,531
citations

159585

30
h-index

189892

50
g-index

147
all docs

147
docs citations

147
times ranked

2768
citing authors

#	ARTICLE	IF	CITATIONS
1	Soft Optical Devices from Self-Healing Gels Formed by Oil and Sugar-Based Organogelators. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8021-8024.	13.8	225
2	Regioselective Protection and Deprotection of Inositol Hydroxyl Groups. <i>Chemical Reviews</i> , 2003, 103, 4477-4504.	47.7	143
3	A Sugar-Based Gelator for Marine Oil-Spill Recovery. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7782-7785.	13.8	136
4	A mannitol based phase selective supergelator offers a simple, viable and greener method to combat marine oil spills. <i>Chemical Communications</i> , 2012, 48, 5250.	4.1	126
5	Hopping-Mediated Anion Transport through a Mannitol-Based Rosette Ion Channel. <i>Journal of the American Chemical Society</i> , 2014, 136, 14128-14135.	13.7	89
6	Topochemical Azide-Alkyne Cycloaddition Reaction. <i>Accounts of Chemical Research</i> , 2019, 52, 3149-3163.	15.6	89
7	Organogelator-Cellulose Composite for Practical and Eco-Friendly Marine Oil-Spill Recovery. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9405-9409.	13.8	87
8	Topochemical polymerizations for the solid-state synthesis of organic polymers. <i>Chemical Society Reviews</i> , 2021, 50, 4062-4099.	38.1	79
9	Chirality-controlled spontaneous twisting of crystals due to thermal topochemical reaction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2896-2901.	7.1	77
10	Topochemical Click Reaction: Spontaneous Self-Stitching of a Monosaccharide to Linear Oligomers through Lattice-Controlled Azide-Alkyne Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4362-4366.	13.8	74
11	A Crystal-to-Crystal Synthesis of Triazolyl-Linked Polysaccharide. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8671-8675.	13.8	70
12	A versatile solvent-free azide-alkyne click reaction catalyzed by in situ generated copper nanoparticles. <i>Applied Catalysis A: General</i> , 2013, 453, 151-158.	4.3	67
13	Crystal-to-Crystal Synthesis of Triazole-Linked Pseudo-proteins via Topochemical Azide-Alkyne Cycloaddition Reaction. <i>Journal of the American Chemical Society</i> , 2016, 138, 14824-14827.	13.7	66
14	A Spontaneous Single-Crystal-to-Single-Crystal Polymorphic Transition Involving Major Packing Changes. <i>Journal of the American Chemical Society</i> , 2015, 137, 1692-1696.	13.7	64
15	Synthesis of Triazole-Linked Homonucleoside Polymers through Topochemical Azide-Alkyne Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9522-9525.	13.8	63
16	Topochemical Azide-Alkyne Cycloaddition Reaction in Gels: Size-Tunable Synthesis of Triazole-Linked Polypeptides. <i>Journal of the American Chemical Society</i> , 2017, 139, 1584-1589.	13.7	63
17	Topochemical synthesis of different polymorphs of polymers as a paradigm for tuning properties of polymers. <i>Nature Communications</i> , 2020, 11, 865.	12.8	49
18	Stoichiometric Sensing to Opt between Gelation and Crystallization. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12078-12082.	13.8	45

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19	Sugar-Based Organogelators for Various Applications. <i>Langmuir</i> , 2019, 35, 6005-6014.	3.5	44
20	Supramolecular design of a bicomponent topochemical reaction between two non-identical molecules. <i>Chemical Communications</i> , 2013, 49, 1494-1496.	4.1	43
21	Synthesis and Reversible Hydration of a Pseudoprotein, a Fully Organic Polymeric Desiccant by Multiple Single-Crystal-to-Single-Crystal Transformations. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12435-12439.	13.8	43
22	A versatile glycosylation strategy via Au($\text{P}(\text{Ph})_3$) catalyzed activation of thioglycoside donors. <i>Chemical Science</i> , 2016, 7, 4259-4263.	7.4	37
23	Semiconducting Fabrics by In Situ Topochemical Synthesis of Polydiacetylene: A New Dimension to the Use of Organogels. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2345-2349.	13.8	37
24	Tunable Mechanical Response from a Crystal Undergoing Topochemical Dimerization: Instant Explosion at a Faster Rate and Chemical Storage of a Harvestable Explosion at a Slower Rate. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9362-9366.	13.8	35
25	Solid State Synthesis of Two Different Polymers in a Single Crystal: A Miscible Polymer Blend from a Topochemical Reaction. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2754-2759.	13.8	35
26	A Sugar-Based Gelator for Marine Oil Spill Recovery. <i>Angewandte Chemie</i> , 2016, 128, 7913-7916.	2.0	34
27	Polymers with advanced structural and supramolecular features synthesized through topochemical polymerization. <i>Chemical Science</i> , 2021, 12, 5361-5380.	7.4	34
28	β -Sheet to Helical Sheet Evolution Induced by Topochemical Polymerization: Cross-Laminated Amyloid-Like Packing in a Pseudoprotein with Gly-Phe-Gly Repeats. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8854-8859.	13.8	33
29	Sulfonate protecting groups. Regioselective sulfonylation of myo-inositol orthoesters improved synthesis of precursors of d- and l-myo-inositol 1,3,4,5-tetrakisphosphate, myo-inositol 1,3,4,5,6-pentakisphosphate and related derivatives. <i>Carbohydrate Research</i> , 2002, 337, 2399-2410.	2.3	32
30	How Far Are We in Combating Marine Oil Spills by Using Phase-Selective Organogelators?. <i>ChemSusChem</i> , 2020, 13, 5343-5360.	6.8	32
31	Designed Synthesis of a 1D Polymer in Twist-Stacked Topology via Single-Crystal-to-Single-Crystal Polymerization. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15580-15585.	13.8	32
32	Strength from weakness: The role of $\text{CH}\cdots\text{N}$ hydrogen bond in the formation of wave-like topology in crystals of aza-heterocycles. <i>CrystEngComm</i> , 2012, 14, 519-524.	2.6	31
33	Spontaneous Single-Crystal-to-Single-Crystal Evolution of Two Cross-Laminated Polymers. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 612-617.	13.8	31
34	A highly selective host-guest system formed and stabilized due to concerted halogen-oxygen and C-H \cdots O non-bonded interactions: X-ray structures of racemic 1,2,3,4,5-penta-O-benzoyl-6-O-tosyl myo-inositol-dihalomethane (CH_2X_2 , X = Cl and Br) inclusion complexes. <i>Chemical Communications</i> , 2001, 881-882.	4.1	29
35	Probing Gelation at the Molecular Level: Head-to-Tail Hydrogen-Bonded Self-Assembly of an Inositol-Based Organogelator. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 4703-4709.	2.4	27
36	Strength from weakness: $\text{CH}\cdots\text{F}$ stabilized conformational tuning of benzyl ethers and a consequent co-operative edge-to-face $\text{CH}\cdots\text{F}$ network. <i>CrystEngComm</i> , 2008, 10, 493.	2.6	27

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37	Activation of IP3 receptors by synthetic bisphosphate ligands. <i>Chemical Communications</i> , 2009, , 1204.	4.1	27
38	Selective determinants of inositol 1,4,5-trisphosphate and adenophostin A interactions with type 1 inositol 1,4,5-trisphosphate receptors. <i>British Journal of Pharmacology</i> , 2010, 161, 1070-1085.	5.4	27
39	Sulfonate protecting groups. Synthesis of O- and C-methylated inositols: d- and l-inonitol, d- and l-haminitol, mytilitol and scyllo-inositol methyl ether. <i>Tetrahedron</i> , 2005, 61, 4437-4446.	1.9	26
40	Organogel-assisted topochemical synthesis of multivalent glyco-polymer for high-affinity lectin binding. <i>Chemical Communications</i> , 2016, 52, 14089-14092.	4.1	26
41	Azide...Oxygen Interaction: A Crystal Engineering Tool for Conformational Locking. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22797-22803.	13.8	26
42	Regioselective O-acylation of myo-inositol 1,3,5-orthoesters: the role of acyl migration. <i>Tetrahedron Letters</i> , 2000, 41, 4185-4188.	1.4	25
43	Crystal...Crystal Synthesis of Helically Ordered Polymers of Trehalose by Topochemical Polymerization. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2897-2903.	13.8	25
44	Quantification of Noncovalent Interactions in Azide...Pnictogen, ...Chalcogen, and ...Halogen Contacts. <i>Chemistry - A European Journal</i> , 2021, 27, 4627-4639.	3.3	25
45	Weak becomes strong: remarkable strength of C-H...O hydrogen bond in the presence of O-H...O hydrogen bonds in the crystal stabilization. <i>CrystEngComm</i> , 2013, 15, 1676.	2.6	24
46	CaO nanocrystals grown over SiO ₂ microtubes for efficient CO ₂ capture: organogel sets the platform. <i>Chemical Communications</i> , 2016, 52, 1342-1345.	4.1	24
47	Cyclitol-Based Metal-Complexing Agents. Effect of the Relative Orientation of Oxygen Atoms in the Ionophoric Ring on the Cation-Binding Ability of myo-Inositol-Based Crown Ethers. <i>Journal of Organic Chemistry</i> , 2002, 67, 6884-6888.	3.2	23
48	Topochemical Transketalization Reaction Driven by Hydrogen Bonding. <i>Journal of the American Chemical Society</i> , 2004, 126, 9174-9175.	13.7	23
49	Vinylogy in Orthoester Hydrolysis: Total Syntheses of Cyclophellitol, Valienamine, Gabosine K, Valienone, Gabosine G, 1- <i>epi</i> -Streptol, Streptol, and Uvamalol A. <i>Journal of Organic Chemistry</i> , 2013, 78, 7690-7700.	3.2	23
50	Sulfonate protecting groups. Regioselective O-sulfonylation of myo-inositol orthoesters. <i>Tetrahedron Letters</i> , 2001, 42, 3037-3039.	1.4	22
51	O-Acetylmandelic acid as a reliable chiral anisotropy reagent for the determination of absolute configuration of alcohols. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 3357-3364.	1.8	22
52	Total syntheses of cyclitol based natural products from myo-inositol: brahol and pinpollitol. <i>Tetrahedron</i> , 2009, 65, 3998-4006.	1.9	22
53	Contribution of Phosphates and Adenine to the Potency of Adenophostins at the IP ₃ Receptor: Synthesis of All Possible Bisphosphates of Adenophostin A. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 1706-1720.	6.4	22
54	Total Synthesis and Glycosidase Inhibition Studies of (â€“)â€“Gabosine J and Its Derivatives. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2349-2356.	2.4	22

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55	Organogelatorâ€“Cellulose Composite for Practical and Ecoâ€“Friendly Marine Oilâ€“Spill Recovery. <i>Angewandte Chemie</i> , 2017, 129, 9533-9537.	2.0	22
56	Topochemical Eneâ€“Azide Cycloaddition Reaction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24875-24881.	13.8	22
57	Three-way competition in a topochemical reaction: permutative azideâ€“alkyne cycloaddition reactions leading to a vast library of products in the crystal. <i>CrystEngComm</i> , 2018, 20, 1478-1482.	2.6	21
58	Efficient syntheses of optically pure chiro- and allo-inositol derivatives, azidocyclitols and aminocyclitols from myo-inositol. <i>Tetrahedron</i> , 2008, 64, 4072-4080.	1.9	20
59	2-Position Base-Modified Analogues of Adenophostin A as High-Affinity Agonists of the d-myo-Inositol Trisphosphate Receptor:â€“ In Vitro Evaluation and Molecular Modeling. <i>Journal of Organic Chemistry</i> , 2008, 73, 1682-1692.	3.2	19
60	Model molecules to classify CHâ€“O hydrogen-bonds. <i>Chemical Communications</i> , 2018, 54, 4629-4632.	4.1	19
61	Synthesis and Reversible Hydration of a Pseudoprotein, a Fully Organic Polymeric Desiccant by Multiple Singleâ€“Crystalâ€“toâ€“Singleâ€“Crystal Transformations. <i>Angewandte Chemie</i> , 2018, 130, 12615-12619.	2.0	19
62	Sulfonate Protecting Groups: Synthesis of D- and L-myo-Inositol-1,3,4,5-tetrakisphosphate Precursors by a Novel Silver(I) Oxide-Mediated O-Alkylation of 2,4(6)-Di-O-acyl-6(4)-O-sulfonyl-myo-Inositol 1,3,5-Orthoformate Derivatives Through Intramolecular Assistance of the Sulfonyl Group. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 1035-1041.	2.4	17
63	Tunable Mechanical Response from a Crystal Undergoing Topochemical Dimerization: Instant Explosion at a Faster Rate and Chemical Storage of a Harvestable Explosion at a Slower Rate. <i>Angewandte Chemie</i> , 2018, 130, 9506-9510.	2.0	17
64	A simple and practical resolution of 1,2:4,5-di-O-isopropylidene-myo-inositol. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1771-1774.	1.8	16
65	Reverse-CD mimics with flexible linkages offer adaptable cavity sizes for guest encapsulation. <i>Chemical Communications</i> , 2014, 50, 317-319.	4.1	16
66	Carbasugar Synthesis via Vinylogous Ketal: Total Syntheses of (+)-MK7607, (â€“)-MK7607, (â€“)-Gabosine A, (â€“)-Epoxydine B, (â€“)-Epoxydine C, <i>epi</i>-(+)-Gabosine E and <i>epi</i>-(+)-MK7607. <i>Journal of Organic Chemistry</i> , 2016, 81, 11635-11645.	3.2	16
67	Solidâ€“State Synthesis of Two Different Polymers in a Single Crystal: A Miscible Polymer Blend from a Topochemical Reaction. <i>Angewandte Chemie</i> , 2019, 131, 2780-2785.	2.0	16
68	Strength from weakness: opportunistic CHâ€“O hydrogen bonds differentially dictate the conformational fate in solid and solution states. <i>Chemical Communications</i> , 2012, 48, 717-719.	4.1	15
69	Regioselectivity among six secondary hydroxyl groups: selective acylation of the least reactive hydroxyl groups of inositol. <i>Chemical Communications</i> , 2012, 48, 2448.	4.1	15
70	Semiconducting Fabrics by Inâ€“Situ Topochemical Synthesis of Polydiacetylene: A New Dimension to the Use of Organogels. <i>Angewandte Chemie</i> , 2016, 128, 2391-2395.	2.0	15
71	The topochemical synthesis of triazole-linked homobasic DNA. <i>Chemical Communications</i> , 2016, 52, 886-888.	4.1	15
72	Secondary Structure Tuning of a Pseudoprotein Between â€“Meander and â€“Helical Forms in the Solidâ€“State. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	15

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73	Single-crystal-to-single-crystal translation of a helical supramolecular polymer to a helical covalent polymer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	15
74	An efficient route to optically active inositol derivatives via the resolution of myo-inositol 1,3,5-orthoformate: a short synthesis of d-myo-inositol-4-phosphate. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 1193-1198.	1.8	14
75	Spontaneous Singleâ€Crystalâ€toâ€Singleâ€Crystal Evolution of Two Crossâ€Laminated Polymers. <i>Angewandte Chemie</i> , 2019, 131, 622-627.	2.0	14
76	Designed Synthesis of a 1D Polymer in Twistâ€Stacked Topology via Singleâ€Crystalâ€toâ€Singleâ€Crystal Polymerization. <i>Angewandte Chemie</i> , 2020, 132, 15710-15715.	2.0	14
77	Topochemical Postulates: Are They Relevant for Topochemical Reactions Occurring at Elevated Temperatures?. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	14
78	Single-crystal-to-single-crystal synthesis of a pseudostarch <i>via</i> topochemical azideâ€alkyne cycloaddition polymerization. <i>Chemical Science</i> , 2021, 12, 11652-11658.	7.4	13
79	Short SOâ€CO Contacts Associate Diastereomers of 2,4(6)-Di-O-benzoyl-6(4)-O-[(1S)-10-camphorsulfonyl]-myo-inositol 1,3,5-Orthoformate in Their Inclusion Complexes. <i>Crystal Growth and Design</i> , 2005, 5, 833-836.	3.0	12
80	Guanophostin A: Synthesis and evaluation of a high affinity agonist of the d-myo-inositol 1,4,5-trisphosphate receptor. <i>Chemical Communications</i> , 2006, , 2015.	4.1	12
81	Rapid and efficient routes to phosphatidylinositol 3,4,5-trisphosphates via myo-inositol orthobenzoate. <i>Tetrahedron Letters</i> , 2007, 48, 1923-1926.	1.4	12
82	Regioselective O-acylation of myo-inositol 1,3,5-orthoesters: dependence of regioselectivity on the stoichiometry of the base. <i>Tetrahedron</i> , 2009, 65, 2703-2710.	1.9	12
83	Organogel-Derived Covalentâ€Noncovalent Hybrid Polymers as Alkali Metal-Ion Scavengers for Partial Deionization of Water. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15183-15188.	8.0	12
84	Scalable Topochemical Synthesis of a Pseudoprotein in Aerogel for Water-Capturing Applications. <i>ACS Applied Polymer Materials</i> , 2020, 2, 4985-4992.	4.4	12
85	Crystalâ€toâ€Crystal Synthesis of Helically Ordered Polymers of Trehalose by Topochemical Polymerization. <i>Angewandte Chemie</i> , 2020, 132, 2919-2925.	2.0	12
86	Efficient routes to optically active azido-, amino-, di-azido- and di-amino-cyclitols with chiro- and allo-configuration from myo-inositol. <i>Tetrahedron Letters</i> , 2004, 45, 8367-8370.	1.4	11
87	Triazolophostins: a library of novel and potent agonists of IP₃ receptors. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6698-6710.	2.8	11
88	Azideâ€Alkyne Interactions: A Crucial Attractive Force for Their Preorganization for Topochemical Cycloaddition Reaction. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	11
89	Total syntheses and structural validation of lincitol A, lincitol B, uvacalol I, uvacalol J, and uvacalol K. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 7279-7289.	2.8	10
90	Î²â€Sheet to Helicalâ€Sheet Evolution Induced by Topochemical Polymerization: Crossâ€Fibrilâ€Amyloidâ€Like Packing in a Pseudoprotein with Glyâ€Pheâ€Gly Repeats. <i>Angewandte Chemie</i> , 2020, 132, 8939-8944.	2.0	10

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91	Topochemical Synthesis of a Heterochiral Peptide Polymer in Different Polymorphic Forms from Crystals and Aerogels. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	10
92	Neutral complexing agents with a cyclitol core. Effect of the relative orientation of the sidearms and end groups on the cation binding ability of myo-inositol based podands. <i>Perkin Transactions II RSC</i> , 2001, , 2298-2302.	1.1	9
93	Silver(i) oxideâ€“silver halide mediated alcoholysis of O-benzoyl-myo-inositol 1,3,5-orthoformates: intramolecular assistance by the sulfonyl group. <i>Perkin Transactions II RSC</i> , 2002, , 358-365.	1.1	9
94	Total synthesis of the proposed structure of `brahol' and the structural revision. <i>Tetrahedron Letters</i> , 2004, 45, 3197-3201.	1.4	9
95	Crystal structure of 1l-1,2:4,5-di-O-isopropylidene-allo-inositol; A comparison of its conformation in solid and solution states. <i>Carbohydrate Research</i> , 2004, 339, 1551-1555.	2.3	9
96	Resolution of synthetically useful myo-inositol derivatives using the chiral auxiliary O-acetylmandelic acid. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 231-241.	1.8	9
97	Establishment of the Structure of Pinpollitol by Total Synthesis of the Proposed Putative Structures. <i>Synlett</i> , 2005, 2005, 0769-0772.	1.8	9
98	Bio-inspired synthesis of rare and unnatural carbohydrates and cyclitols through strain driven epimerization. <i>Chemical Communications</i> , 2014, 50, 6707-6710.	4.1	9
99	Regioselective S_N2 reactions for rapid syntheses of azido-inositols by one-pot sequence-specific nucleophilysis. <i>Chemical Communications</i> , 2017, 53, 3971-3973.	4.1	9
100	A Library of Multipurpose Supramolecular Supergelators: Fabrication of Structured Silica, Porous Plastics, and Fluorescent Gels. <i>Chemistry - an Asian Journal</i> , 2018, 13, 187-193.	3.3	9
101	Is O-acetylmandelic acid a reliable chiral anisotropy reagent?. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 3-7.	1.8	8
102	Strength from Weakness: Conformational Divergence between Solid and Solution States of Substituted Cyclitols Facilitated by CHÂ•Â•O Hydrogen Bonding. <i>Journal of Organic Chemistry</i> , 2014, 79, 4892-4908.	3.2	8
103	A Molecularâ€“Level Study of Metamorphosis and Strengthening of Gels by Spontaneous Polymorphic Transitions. <i>ChemPhysChem</i> , 2016, 17, 3062-3067.	2.1	8
104	Topochemical Eneâ€“Azide Cycloaddition Reaction. <i>Angewandte Chemie</i> , 0, , .	2.0	8
105	Crystal structure, solid state and solution conformation of 1d-1,4-di-O-[(S)-O-acetylmandeloyl]-2,3:5,6-di-O-isopropylidene-myo-inositol. <i>Carbohydrate Research</i> , 2004, 339, 807-811.	2.3	7
106	Total syntheses of five uvacalols: structural validation of uvacalol A, uvacalol B and uvacalol C and disproval of the structures of uvacalol E and uvacalol G. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3900-3910.	2.8	7
107	Synthesis of dimeric analogs of adenophostin A that potently evoke Ca²⁺release through IP₃ receptors. <i>RSC Advances</i> , 2016, 6, 86346-86351.	3.6	7
108	Topochemical Postulates: Are They Relevant for Topochemical Reactions Occurring at Elevated Temperatures?. <i>Angewandte Chemie</i> , 0, , .	2.0	7

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109	A Biomaterial-Based Porous Core-Shell Sorbent for Practical and Efficient Marine Oil Spill Recovery. <i>Advanced Sustainable Systems</i> , 2022, 6, .	5.3	7
110	Chemoselective alcoholysis/acetolysis of trans-ketals over cis-ketals and its application in the total synthesis of the cellular second messenger, d-myo-inositol-1,4,5-trisphosphate. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5443.	2.8	6
111	Secondary Structure Tuning of a Pseudoprotein Between β -Meander and α -Helical Forms in the Solid State. <i>Angewandte Chemie</i> , 0, , .	2.0	6
112	H ₂ SO ₄ -silica: an eco-friendly heterogeneous catalyst for the differential protection of myo-inositol hydroxyl groups. <i>RSC Advances</i> , 2013, 3, 7321.	3.6	5
113	Halobenzyl alcohols as structurally simple organogelators. <i>CrystEngComm</i> , 2019, 21, 5310-5316.	2.6	5
114	Solid and solution state conformation of 1l-1-O-acetyl-2,3:5,6-di-O-isopropylidene-chiro-inositol. <i>Carbohydrate Research</i> , 2004, 339, 1803-1807.	2.3	4
115	Solid and solution state conformations of (α)-3-O-acetyl-1,2:4,5-di-O-isopropylidene-allo-inositol and (α)-3-O-acetyl-1,2:4,5-di-O-isopropylidene-6-O-methyl-allo-inositol. <i>Carbohydrate Research</i> , 2005, 340, 2311-2318.	2.3	4
116	Solvent-Free and Catalyst-Free Synthesis of Cross-Linkable Polyfumaramides via Topochemical Azide-Alkyne Cycloaddition Polymerization. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 9871-9878.	6.7	4
117	Azide...Oxygen Interaction: A Crystal Engineering Tool for Conformational Locking. <i>Angewandte Chemie</i> , 2021, 133, 22979.	2.0	3
118	Topochemical Synthesis of a Heterochiral Peptide Polymer in Different Polymorphic Forms from Crystals and Aerogels. <i>Angewandte Chemie</i> , 0, , .	2.0	3
119	Novel Substrates for Kinases Involved in the Biosynthesis of Inositol Pyrophosphates and Their Enhancement of ATPase Activity of a Kinase. <i>Molecules</i> , 2021, 26, 3601.	3.8	2
120	Regioselective Protection and Deprotection of Inositol Hydroxyl Groups. <i>ChemInform</i> , 2004, 35, no.	0.0	1
121	Synthesis of novel seven-membered carbasugars and evaluation of their glycosidase inhibition potentials. <i>RSC Advances</i> , 2021, 11, 9410-9420.	3.6	1
122	Frontispiece: Topochemical Postulates: Are They Relevant for Topochemical Reactions Occurring at Elevated Temperatures?. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	1
123	Simple and Efficient Routes to Optically Active chiro- and allo-Inositol Derivatives from myo-Inositol. <i>Synlett</i> , 2004, 2004, 493-496.	1.8	0
124	Establishment of the Structure of Pinpollitol by Total Synthesis of the Proposed Putative Structure. <i>Synlett</i> , 2005, 2005, 1640-1490.	1.8	0
125	InnenrÄ¼cktitelbild: Topochemical Ene-Azide Cycloaddition Reaction (<i>Angew. Chem.</i> 47/2021). <i>Angewandte Chemie</i> , 2021, 133, 25367-25367.	2.0	0
126	Frontispiece: Secondary Structure Tuning of a Pseudoprotein Between β -Meander and α -Helical Forms in the Solid State. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	0

#	ARTICLE	IF	CITATIONS
127	Frontispiz: Secondary Structure Tuning of a Pseudoprotein Between β -Meander and α -Helical Forms in the Solid State. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	0
128	Frontispiz: Topochemical Postulates: Are They Relevant for Topochemical Reactions Occurring at Elevated Temperatures?. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	0