Stian Svelle

List of Publications by Year
in descending order

127 papers	14,805 citations	20817 60 h-index	18130 120 g-index
133 all docs	133 docs citations	133 times ranked	8310 citing authors

#	Article	IF	Citations
1	Synthesisâ€“Structureâ€“Activity Relationship in Cu-MOR for Partial Methane Oxidation: Al Siting via Inorganic Structure-Directing Agents. ACS Catalysis, 2022, 12, 2166-2177.	11.2	11
2	Titration of Cu(I) Sites in Cu-ZSM-5 by Volumetric CO Adsorption. ACS Applied Materials & Interfaces, 2022, 14, 21059-21068.	8.0	12
3	Influence of Cu-speciation in mordenite on direct methane to methanol conversion: Multi-Technique characterization and comparison with NH3 selective catalytic reduction of NOx. Catalysis Today, 2021, 369, 105-111.	4.4	14
4	Finding the active species: The conversion of methanol to aromatics over Zn-ZSM-5/alumina shaped catalysts. Journal of Catalysis, 2021, 394, 416-428.	6.2	29
5	From Catalytic Test Reaction to Modern Chemical Descriptors in Zeolite Catalysis Research. Chemie-Ingenieur-Technik, 2021, 93, 902-915.	0.8	5
6	Mapping the coke formation within a zeolite catalyst extrudate in space and time by operando computed X-ray diffraction tomography. Journal of Catalysis, 2021, 401, 1-6.	6.2	14
7	Copper Pairing in the Mordenite Framework as a Function of the Cu^I/Cu^{II} Speciation. Angewandte Chemie - International Edition, 2021, 60, 25891-25896.	13.8	16
8	Acidity effect on benzene methylation kinetics over substituted H-MeAlPO-5 catalysts. Journal of Catalysis, 2021, 404, 594-606.	6.2	10
9	Synthesis of mesoporous ZSM-5 zeolite encapsulated in an ultrathin protective shell of silicalite-1 for MTH conversion. Microporous and Mesoporous Materials, 2020, 292, 109730.	4.4	44
10	Hydrogenation of CO₂ to Methanol by Pt Nanoparticles Encapsulated in UiO-67: Deciphering the Role of the Metalâ€“Organic Framework. Journal of the American Chemical Society, 2020, 142, 999-1009.	13.7	141
11	Influence of Defects and H₂O on the Hydrogenation of CO₂ to Methanol over Pt Nanoparticles in UiO-67 Metalâ€“Organic Framework. Journal of the American Chemical Society, 2020, 142, 17105-17118.	13.7	68
12	EXAFS wavelet transform analysis of Cu-MOR zeolites for the direct methane to methanol conversion. Physical Chemistry Chemical Physics, 2020, 22, 18950-18963.	2.8	35
13	Comparing the Nature of Active Sites in Cu-loaded SAPO-34 and SSZ-13 for the Direct Conversion of Methane to Methanol. Catalysts, 2020, 10, 191.	3.5	16
14	Zeolite Surface Methoxy Groups as Key Intermediates in the Stepwise Conversion of Methane to Methanol. ChemCatChem, 2019, 11, 5022-5026.	3.7	45
15	Collective action of water molecules in zeolite dealumination. Catalysis Science and Technology, 2019, 9, 3721-3725.	4.1	43
16	Cu-Exchanged Ferrierite Zeolite for the Direct CH4 to CH3OH Conversion: Insights on Cu Speciation from X-Ray Absorption Spectroscopy. Topics in Catalysis, 2019, 62, 712-723.	2.8	9
17	Synthesis of ZSM-23 (MTT) zeolites with different crystal morphology and intergrowths: effects on the catalytic performance in the conversion of methanol to hydrocarbons. Catalysis Science and Technology, 2019, 9, 6782-6792.	4.1	7
18	Identification of Distinct Framework Aluminum Sites in Zeolite ZSM-23: A Combined Computational and Experimental ²⁷Al NMR Study. Journal of Physical Chemistry C, 2019, 123, 7831-7844.	3.1	19

#	ARTICLE	IF	CITATIONS
19	Understanding and Optimizing the Performance of Cuâ€FER for The Direct CH₄ to CH₃OH Conversion. ChemCatChem, 2019, 11, 621-627.	3.7	29
20	The impact of reaction conditions and material composition on the stepwise methane to methanol conversion over Cu-MOR: An operando XAS study. Catalysis Today, 2019, 336, 99-108.	4.4	26
21	On How Copper Mordenite Properties Govern the Framework Stability and Activity in the Methane-to-Methanol Conversion. ACS Catalysis, 2019, 9, 365-375.	11.2	53
22	Operando UV-Raman study of the methanol to olefins reaction over SAPO-34: Spatiotemporal evolution monitored by different reactor approaches. Catalysis Today, 2019, 336, 203-209.	4.4	16
23	Deactivation of Zeolite Catalyst H-ZSM-5 during Conversion of Methanol to Gasoline: Operando Time- and Space-Resolved X-ray Diffraction. Journal of Physical Chemistry Letters, 2018, 9, 1324-1328.	4.6	33
24	Tuning the material and catalytic properties of SUZ-4 zeolites for the conversion of methanol or methane. Microporous and Mesoporous Materials, 2018, 265, 112-122.	4.4	24
25	A Systematic Study of Isomorphically Substituted Hâ€MAlPOâ€5 Materials for the Methanolâ€toâ€Hydrocarbons Reaction. ChemPhysChem, 2018, 19, 484-495.	2.1	21
26	High Zn/Al ratios enhance dehydrogenation vs hydrogen transfer reactions of Zn-ZSM-5 catalytic systems in methanol conversion to aromatics. Journal of Catalysis, 2018, 362, 146-163.	6.2	120
27	Understanding zeolite-catalyzed benzene methylation reactions by methanol and dimethyl ether at operating conditions from first principle microkinetic modeling and experiments. Catalysis Today, 2018, 312, 35-43.	4.4	28
28	Influence of post-synthetic modifications on the composition, acidity and textural properties of ZSM-22 zeolite. Catalysis Today, 2018, 299, 120-134.	4.4	23
29	Impact of post-synthetic treatments on unidirectional H-ZSM-22 zeolite catalyst: Towards improved clean MTG catalytic process. Catalysis Today, 2018, 299, 135-145.	4.4	21
30	The Nuclearity of the Active Site for Methane to Methanol Conversion in Cu-Mordenite: A Quantitative Assessment. Journal of the American Chemical Society, 2018, 140, 15270-15278.	13.7	177
31	Topology-dependent hydrocarbon transformations in the methanol-to-hydrocarbons reaction studied by <i>operando</i> UV-Raman spectroscopy. Physical Chemistry Chemical Physics, 2018, 20, 26580-26590.	2.8	18
32	Understanding and Design Catalysts from Molecular to Material Scale: One of the Five Grand-Challenges for Catalysis at the 13th European Congress on Catalysis. Topics in Catalysis, 2018, 61, 1383-1384.	2.8	0
33	Cu-CHA â€" a model system for applied selective redox catalysis. Chemical Society Reviews, 2018, 47, 8097-8133.	38.1	215
34	New insights into catalyst deactivation and product distribution of zeolites in the methanol-to-hydrocarbons (MTH) reaction with methanol and dimethyl ether feeds. Catalysis Science and Technology, 2017, 7, 2700-2716.	4.1	106
35	Structureâ€"deactivation relationships in zeolites during the methanolâ€"to-hydrocarbons reaction: Complementary assessments of the coke content. Journal of Catalysis, 2017, 351, 33-48.	6.2	82
36	Conversion of methanol to hydrocarbons over zeolite ZSM-23 (MTT): exceptional effects of particle size on catalyst lifetime. Chemical Communications, 2017, 53, 6816-6819.	4.1	31

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37	Effect of Benzoic Acid as a Modulator in the Structure of UiO-66: An Experimental and Computational Study. Journal of Physical Chemistry C, 2017, 121, 9312-9324.	3.1	176
38	Benzene co-reaction with methanol and dimethyl ether over zeolite and zeotype catalysts: Evidence of parallel reaction paths to toluene and diphenylmethane. Journal of Catalysis, 2017, 349, 136-148.	6.2	70
39	Methane to Methanol: Structureâ€“Activity Relationships for Cu-CHA. Journal of the American Chemical Society, 2017, 139, 14961-14975.	13.7	277
40	A Straightforward Descriptor for the Deactivation of Zeolite Catalyst H-ZSM-5. ACS Catalysis, 2017, 7, 8235-8246.	11.2	77
41	Zeolite morphology and catalyst performance: conversion of methanol to hydrocarbons over offretite. Catalysis Science and Technology, 2017, 7, 5435-5447.	4.1	18
42	Hydrogen Transfer versus Methylation: On the Genesis of Aromatics Formation in the Methanol-To-Hydrocarbons Reaction over H-ZSM-5. ACS Catalysis, 2017, 7, 5773-5780.	11.2	102
43	Time- and space-resolved study of the methanol to hydrocarbons (MTH) reaction â€“ influence of zeolite topology on axial deactivation patterns. Faraday Discussions, 2017, 197, 421-446.	3.2	39
44	A XAFS study of the local environment and reactivity of Pt- sites in functionalized UiO-67 MOFs. Journal of Physics: Conference Series, 2016, 712, 012125.	0.4	10
45	Defect Engineering: Tuning the Porosity and Composition of the Metalâ€“Organic Framework UiO-66 via Modulated Synthesis. Chemistry of Materials, 2016, 28, 3749-3761.	6.7	933
46	Functionalizing the Defects: Postsynthetic Ligand Exchange in the Metal Organic Framework UiO-66. Chemistry of Materials, 2016, 28, 7190-7193.	6.7	170
47	Time- and space-resolved high energy operando X-ray diffraction for monitoring the methanol to hydrocarbons reaction over H-ZSM-22 zeolite catalyst in different conditions. Surface Science, 2016, 648, 141-149.	1.9	30
48	Conclusive Evidence for Two Unimolecular Pathways to Zeoliteâ€Catalyzed Deâ€alkylation of the Heptamethylbenzenium Cation. ChemCatChem, 2015, 7, 4143-4147.	3.7	11
49	How zeolitic acid strength and composition alter the reactivity of alkenes and aromatics towards methanol. Journal of Catalysis, 2015, 328, 186-196.	6.2	49
50	Probing Reactive Platinum Sites in UiO-67 Zirconium Metalâ€“Organic Frameworks. Chemistry of Materials, 2015, 27, 1042-1056.	6.7	105
51	Desilication of SAPO-34: Reaction Mechanisms from Periodic DFT Calculations. Journal of Physical Chemistry C, 2015, 119, 2073-2085.	3.1	23
52	Co-conversion of methanol and light alkenes over acidic zeolite catalyst H-ZSM-22: Simulated recycle of non-gasoline range products. Applied Catalysis A: General, 2015, 494, 68-76.	4.3	19
53	Mechanism of Si Island Formation in SAPO-34. Journal of Physical Chemistry C, 2015, 119, 2086-2095.	3.1	33
54	CHA/AEI intergrowth materials as catalysts for the Methanol-to-Olefins process. Applied Catalysis A: General, 2015, 505, 1-7.	4.3	46

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55	The formation and degradation of active species during methanol conversion over protonated zeotype catalysts. Chemical Society Reviews, 2015, 44, 7155-7176.	38.1	320
56	Morphology-induced shape selectivity in zeolite catalysis. Journal of Catalysis, 2015, 327, 22-32.	6.2	64
57	Kinetics of Zeolite Dealumination: Insights from H-SSZ-13. ACS Catalysis, 2015, 5, 7131-7139.	11.2	69
58	Correction to â€œMechanism of Si Island Formation in SAPO-34â€. Journal of Physical Chemistry C, 2015, 119, 20782-20782.	3.1	0
59	Methanol Conversion to Hydrocarbons (MTH) Over H-ITQ-13 (ITH) Zeolite. Topics in Catalysis, 2014, 57, 143-158.	2.8	16
60	Methanol-to-hydrocarbons conversion: The alkene methylation pathway. Journal of Catalysis, 2014, 314, 159-169.	6.2	136
61	Detailed Structure Analysis of Atomic Positions and Defects in Zirconium Metalâ€"Organic Frameworks. Crystal Growth and Design, 2014, 14, 5370-5372.	3.0	306
62	Synthesis and Characterization of Amine-Functionalized Mixed-Ligand Metalâ€"Organic Frameworks of UiO-66 Topology. Inorganic Chemistry, 2014, 53, 9509-9515.	4.0	148
63	Tuned to Perfection: Ironing Out the Defects in Metalâ€"Organic Framework UiO-66. Chemistry of Materials, 2014, 26, 4068-4071.	6.7	634
64	Computational exploration of newly synthesized zirconium metalâ€"organic frameworks UiO-66, -67, -68 and analogues. Journal of Materials Chemistry C, 2014, 2, 7111-7125.	5.5	89
65	Morphology Controlled Lifetime and Selectivity in Zeolite Catalysis. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, C737-C737.	0.1	0
66	Single-Event MicroKinetics (SEMK) for Methanol to Hydrocarbons (MTH) on H-ZSM-23. Catalysis Today, 2013, 215, 224-232.	4.4	23
67	Catalyst deactivation by coke formation in microporous and desilicated zeolite H-ZSM-5 during the conversion of methanol to hydrocarbons. Journal of Catalysis, 2013, 307, 62-73.	6.2	169
68	Interplay between nanoscale reactivity and bulk performance of H-ZSM-5 catalysts during the methanol-to-hydrocarbons reaction. Journal of Catalysis, 2013, 307, 185-193.	6.2	51
69	Probing the surface of nanosheet H-ZSM-5 with FTIR spectroscopy. Physical Chemistry Chemical Physics, 2013, 15, 13363.	2.8	53
70	In Situ Infrared Spectroscopic and Gravimetric Characterisation of the Solvent Removal and Dehydroxylation of the Metal Organic Frameworks UiO-66 and UiO-67. Topics in Catalysis, 2013, 56, 770-782.	2.8	145
71	The influence of catalyst acid strength on the methanol to hydrocarbons (MTH) reaction. Catalysis Today, 2013, 215, 216-223.	4.4	103
72	A quantum mechanically guided view of Cd-MOF-5 from formation energy, chemical bonding, electronic structure, and optical properties. Microporous and Mesoporous Materials, 2013, 175, 50-58.	4.4	34

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73	Kinetic modeling of deactivation profiles in the methanol-to-hydrocarbons (MTH) reaction: A combined autocatalyticâ€"hydrocarbon pool approach. Journal of Catalysis, 2013, 308, 122-130.	6.2	71
74	H-SAPO-5 as methanol-to-olefins (MTO) model catalyst: Towards elucidating the effects of acid strength. Journal of Catalysis, 2013, 298, 94-101.	6.2	104
75	Single-Event Microkinetics for Methanol to Olefins on H-ZSM-5. Industrial & Engineering Chemistry Research, 2013, 52, 1491-1507.	3.7	73
76	Unit cell thick nanosheets of zeolite H-ZSM-5: Structure and activity. Topics in Catalysis, 2013, 56, 558-566.	2.8	33
77	Mechanistic Comparison of the Dealumination in SSZ-13 and the Desilication in SAPO-34. Journal of Physical Chemistry C, 2013, 117, 13442-13451.	3.1	62
78	Product yield in methanol conversion over ZSM-5 is predominantly independent of coke content. Microporous and Mesoporous Materials, 2012, 164, 190-198.	4.4	66
79	Methylation of benzene by methanol: Single-site kinetics over H-ZSM-5 and H-beta zeolite catalysts. Journal of Catalysis, 2012, 292, 201-212.	6.2	126
80	Shape Selectivity in the Conversion of Methanol to Hydrocarbons: The Catalytic Performance of One-Dimensional 10-Ring Zeolites: ZSM-22, ZSM-23, ZSM-48, and EU-1. ACS Catalysis, 2012, 2, 26-37.	11.2	207
81	Conversion of Methanol to Hydrocarbons: How Zeolite Cavity and Pore Size Controls Product Selectivity. Angewandte Chemie - International Edition, 2012, 51, 5810-5831.	13.8	1,476
82	Spectroscopic and catalytic characterization of extra large pore zeotype H-ITQ-33. Microporous and Mesoporous Materials, 2012, 151, 424-433.	4.4	5
83	Single parameter synthesis of high silica CHA zeolites from fluoride media. Microporous and Mesoporous Materials, 2012, 153, 94-99.	4.4	83
84	Detailed Reaction Paths for Zeolite Dealumination and Desilication From Density Functional Calculations. Angewandte Chemie - International Edition, 2012, 51, 652-655.	13.8	101
85	Infrared Spectroscopic Investigation of the Acidity and Availability of the Surface Hydroxyls of Three-Dimensional 12-Ring Zeotype H-ITQ-7. Journal of Physical Chemistry C, 2011, 115, 12090-12094.	3.1	0
86	Enhanced Catalyst Performance of Zeolite SSZ-13 in the Methanol to Olefin Reaction after Neutron Irradiation. Journal of Physical Chemistry C, 2011, 115, 6521-6530.	3.1	26
87	Conversion of methanol over 10-ring zeolites with differing volumes at channel intersections: comparison of TNU-9, IM-5, ZSM-11 and ZSM-5. Physical Chemistry Chemical Physics, 2011, 13, 2539-2549.	2.8	137
88	Synthesis of Titanium Chabazite: A New Shape Selective Oxidation Catalyst with Small Pore Openings and Application in the Production of Methyl Formate from Methanol. ChemCatChem, 2011, 3, 1869-1871.	3.7	34
89	Mechanistic Aspects of the Zeolite Catalyzed Methylation of Alkenes and Aromatics with Methanol: A Review. Topics in Catalysis, 2011, 54, 897-906.	2.8	109
90	In Situ FT-IR Mechanistic Investigations of the Zeolite Catalyzed Methylation of Benzene with Methanol: H-ZSM-5 versus H-beta. Topics in Catalysis, 2011, 54, 1293-1301.	2.8	60

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91	How defects and crystal morphology control the effects of desilication. Catalysis Today, 2011, 168, 38-47.	4.4	103
92	Methane conversion to light olefinsâ€"How does the methyl halide route differ from the methanol to olefins (MTO) route?. Catalysis Today, 2011, 171, 211-220.	4.4	53
93	Assessing the surface sites of the large pore 3-dimensional microporous material H-ITQ-7 using FT-IR spectroscopy and molecular probes. Microporous and Mesoporous Materials, 2011, 141, 146-156.	4.4	8
94	Mesopore formation in zeolite H-SSZ-13 by desilication with NaOH. Microporous and Mesoporous Materials, 2010, 132, 384-394.	4.4	150
95	Selectivity control through fundamental mechanistic insight in the conversion of methanol to hydrocarbons over zeolites. Microporous and Mesoporous Materials, 2010, 136, 33-41.	4.4	141
96	Methanol to hydrocarbons over large cavity zeolites: Toward a unified description of catalyst deactivation and the reaction mechanism. Journal of Catalysis, 2010, 275, 170-180.	6.2	141
97	Mechanistic Proposal for the Zeolite Catalyzed Methylation of Aromatic Compounds. Journal of Physical Chemistry A, 2010, 114, 12548-12554.	2.5	16
98	Post-synthetic modification of the metalâ€"organic framework compound UiO-66. Journal of Materials Chemistry, 2010, 20, 9848.	6.7	340
99	Optical Investigation of the Intergrowth Structure and Accessibility of BrÃ¸nsted Acid Sites in Etched SSZ-13 Zeolite Crystals by Confocal Fluorescence Microscopyâ€. Langmuir, 2010, 26, 16510-16516.	3.5	14
100	Thermochemistry of Organic Reactions in Microporous Oxides by Atomistic Simulations: Benchmarking against Periodic B3LYP. Journal of Physical Chemistry A, 2010, 114, 7391-7397.	2.5	21
101	Product shape selectivity dominates the Methanol-to-Olefins (MTO) reaction over H-SAPO-34 catalysts. Journal of Catalysis, 2009, 264, 77-87.	6.2	344
102	The Effect of Acid Strength on the Conversion of Methanol to Olefins Over Acidic Microporous Catalysts with the CHA Topology. Topics in Catalysis, 2009, 52, 218-228.	2.8	216
103	The mechanisms of ethene and propene formation from methanol over high silica H-ZSM-5 and H-beta. Catalysis Today, 2009, 142, 90-97.	4.4	219
104	Assessing the acid properties of desilicated ZSM-5 by FTIR using CO and 2,4,6-trimethylpyridine (collidine) as molecular probes. Applied Catalysis A: General, 2009, 356, 23-30.	4.3	249
105	The conversion of chloromethane to light olefins over SAPO-34: The influence of dichloromethane addition. Applied Catalysis A: General, 2009, 367, 23-31.	4.3	31
106	Shapeâ€Selective Conversion of Methanol to Hydrocarbons Over 10â€Ring Unidirectionalâ€Channel Acidic Hâ€ZSMâ€22. ChemCatChem, 2009, 1, 78-81.	3.7	104
107	Quantum Chemical Modeling of Zeolite-Catalyzed Methylation Reactions: Toward Chemical Accuracy for Barriers. Journal of the American Chemical Society, 2009, 131, 816-825.	13.7	288
108	Theoretical Study of Ethylbenzenium Ions: The Mechanism for Splitting Off Ethene, and the Formation of a Ï€ Complex of Ethene and the Benzenium Ion. Journal of Physical Chemistry A, 2009, 113, 917-923.	2.5	27

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109	Methanol to gasoline over zeolite H-ZSM-5: Improved catalyst performance by treatment with NaOH. Applied Catalysis A: General, 2008, 345, 43-50.	4.3	433
110	Does an Ethene/Benzenium Ion Complex Exist? A Discrepancy between B3LYP and MP2 Predictions. Journal of Physical Chemistry A, 2008, 112, 6399-6400.	2.5	31
111	Conversion of Methanol to Alkenes over Medium- and Large-Pore Acidic Zeolites:â€‰ Steric Manipulation of the Reaction Intermediates Governs the Ethene/Propene Product Selectivity. Journal of Physical Chemistry C, 2007, 111, 17981-17984.	3.1	179
112	Conversion of methanol to hydrocarbons: Hints to rational catalyst design from fundamental mechanistic studies on H-ZSM-5. Studies in Surface Science and Catalysis, 2007, , 463-468.	1.5	24
113	Conversion of methanol to hydrocarbons over zeolite H-ZSM-5: On the origin of the olefinic species. Journal of Catalysis, 2007, 249, 195-207.	6.2	893
114	Conversion of Methanol into Hydrocarbons over Zeolite H-ZSM-5:Â Ethene Formation Is Mechanistically Separated from the Formation of Higher Alkenes. Journal of the American Chemical Society, 2006, 128, 14770-14771.	13.7	603
115	Diphenylmethane-Mediated Transmethylation of Methylbenzenes over H-Zeolites. Journal of the American Chemical Society, 2006, 128, 5618-5619.	13.7	33
116	Intermediates in the Methanol-to-hydrocarbons (MTH) Reaction: A Gas Phase Study of the Unimolecular Reactivity of Multiply Methylated Benzenium Cations. Catalysis Letters, 2006, 109, 25-35.	2.6	37
117	The methyl halide to hydrocarbon reaction over H-SAPO-34. Journal of Catalysis, 2006, 241, 243-254.	6.2	91
118	Mechanistic insight into the methanol-to-hydrocarbons reaction. Catalysis Today, 2005, 106, 108-111.	4.4	237
119	Kinetic studies of zeolite-catalyzed methylation reactions. Part 2. Co-reaction of [12C]propene or [12C]n-butene and [13C]methanol. Journal of Catalysis, 2005, 234, 385-400.	6.2	151
120	Methylation of Alkenes and Methylbenzenes by Dimethyl Ether or Methanol on Acidic Zeolites. Journal of Physical Chemistry B, 2005, 109, 12874-12878.	2.6	98
121	Conversion of Methanol to Hydrocarbons: The Reactions of the Heptamethylbenzenium Cation over Zeolite H-Beta. Catalysis Letters, 2004, 93, 37-40.	2.6	86
122	Kinetic studies of zeolite-catalyzed methylation reactions1. Coreaction of [12C]ethene and [13C]methanol. Journal of Catalysis, 2004, 224, 115-123.	6.2	160
123	Theoretical Investigation of the Dimerization of Linear Alkenes Catalyzed by Acidic Zeolites. Journal of Physical Chemistry B, 2004, 108, 2953-2962.	2.6	78
124	A Theoretical Investigation of the Methylation of Alkenes with Methanol over Acidic Zeolites. Journal of Physical Chemistry B, 2003, 107, 9281-9289.	2.6	71
125	A Theoretical Investigation of the Methylation of Methylbenzenes and Alkenes by Halomethanes over Acidic Zeolites. Journal of Physical Chemistry B, 2003, 107, 5251-5260.	2.6	61
126	Copper pairing in the mordenite framework as a function of the Cu(I)/Cu(II) speciation. Angewandte Chemie, 0, , .	2.0	0

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127	Chapter 6. Shape selectivity in zeolite catalysis. The Methanol to Hydrocarbons (MTH) reaction. Catalysis, 0, , 179-217.	1.0	32