

Karl Seff

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Using Crystallography and NMR to Count the Number of Three-Aluminum Six-Rings in Fully Zn ²⁺ -Exchanged Zeolite Y. These Six-Rings Concentrate at Single Six-Ring Positions. Journal of Physical Chemistry C, 2021, 125, 583-592.	3.1	4
2	Water Molecules in Zeolite Y Enhance the Photoluminescent Properties of Its Cesium Lead Bromide Quantum Dots, Na ₄ Cs ₆ PbBr ₄₈ +. Journal of Physical Chemistry C, 2021, 125, 5904-5918.	3.1	3
3	Crystal Structure and Luminescence of Sn,I,Cs,Na ⁺ Y, a Lead-Free Zeolite Containing Tetrahedrally Distorted Cubes of Sn ₄ I ₄₄ +. Journal of Physical Chemistry C, 2021, 125, 15696-15710.	3.1	0
4	Quantum Dots of [Na ₄ Cs ₆ PbBr ₄] ⁸⁺ , Water Stable in Zeolite X, Luminesce Sharply in the Green. Advanced Materials, 2020, 32, e2001868.	21.0	14
5	Crystal structure and X-ray luminescence of zeolite Y (Si/Al = 1.69) containing extraframework hafnium(IV). Microporous and Mesoporous Materials, 2019, 288, 109552.	4.4	3
6	Crystal structure of a hydrogen sulfide sorption complex of anhydrous Mn ²⁺ -exchanged zeolite Y (FAU, Si/Al = 1.56). Microporous and Mesoporous Materials, 2019, 279, 432-438.	4.4	7
7	Structure and luminescence of extraframework TiCl ₆ ²⁻ in Cs ⁺ -containing zeolite LTA. Journal of Porous Materials, 2019, 26, 1079-1089.	2.6	2
8	Identification and structures of the X-ray induced luminescence centers in the zeolites Zr,X,Cs,Na-LTA, X = Cl, Br, and I. Microporous and Mesoporous Materials, 2019, 278, 443-454.	4.4	2
9	Crystal Structure of Zeolite LTA Containing Extraframework Tungsten(VI) Ions. Journal of Physical Chemistry C, 2018, 122, 6661-6668.	3.1	2
10	Structure of a cyclohexane sorption complex of partially dehydrated, fully Mn ²⁺ -exchanged zeolite Y (FAU, Si/Al = 1.56). Microporous and Mesoporous Materials, 2018, 264, 139-146.	4.4	3
11	Disproportionation of an Element in a Zeolite. III. Crystal Structure of a High-Temperature Sulfur Sorption Complex of Zeolite LTA Containing Two New Ions: Perthiosulfite, S ₄ ²⁻ , and the Trisulfur Cation, S ₃ ²⁺ . Journal of Physical Chemistry C, 2018, 122, 28133-28141.	3.1	7
12	Preparation, crystal structure, and luminescence of zeolite Ta,Cl,Cs,Na-A containing a cubic Cs ₁₁ TaCl ₆ 10+ continuum. Journal of Porous Materials, 2017, 24, 1117-1128.	2.6	2
13	Exchanging noble and seminoble cations into zeolites by oxygen vacancy ion exchange (OVIE). Microporous and Mesoporous Materials, 2017, 244, 47-49.	4.4	4
14	The Pentatin Cation in Zeolite Y: Thallous Ion Exchange and Crystal Structure of [Sn ₃₆ Cl ₁₁] [Si ₁₂₈ Al ₆₄ O ₃₈₄]-FAU Containing Sn ₅ I ₂ ⁺ , Sn ₂ Cl ₃ ⁺ , and Sn ₃ Cl ₅ ⁺ . Journal of Physical Chemistry C, 2017, 121, 471-480.	3.1	4
15	Progress toward Zeolite-Based Self-Luminous Sensors for Radioactive Isotopes such as ²⁰¹ Tl and ¹³⁷ Cs: Structures and Luminescence of Hf,Cl,Tl-A and Hf,Cl,Cs,Na-A. Journal of Physical Chemistry C, 2017, 121, 19619-19633.	3.1	9
16	Structures of the Subnanometer Clusters of Cadmium Sulfide Encapsulated in Zeolite Y: Cd ₄ S ₆ and Cd(SHCd) ₄ ⁶⁺ . Journal of Physical Chemistry C, 2016, 120, 16722-16731.	3.1	13
17	Preparation, Crystal Structure, and Luminescence Properties of Zeolite LTA Containing Extraframework Tantalum(V), Tantalum(III), Thallium(I), and Chloride. Journal of Physical Chemistry C, 2016, 120, 12139-12148.	3.1	6
18	Encapsulating Luminescent Materials in Zeolites. III. Crystal Structure and Scintillation Properties of Cs,Na-LTA Treated with Zirconium Chloride Vapor. Journal of Physical Chemistry C, 2016, 120, 18682-18693.	3.1	7

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19	Surprising Intrazeolitic Chemistry of Silver. <i>Journal of Physical Chemistry C</i> , 2016, 120, 5277-5287.	3.1	18
20	Using the Thallous Ion Exchange Method to Exchange Tin into High Alumina Zeolites. I. Crystal Structure of $[\text{Sn}^{2+}_{5.3}\text{Sn}^{4+}_{0.8}\text{Cl}^{+}_{1.8}] [\text{Si}^{3+}_{12}\text{Al}^{12}_{12}]$. <i>Journal of Physical Chemistry C</i> , 2015, 119, 3244-3252.	3.1	12
21	Exchange of a Tetrapositive Cation into a Zeolite and a New Inorganic Scintillator. I. Crystal Structures and Scintillation Properties of Anhydrous $\text{Zr}_{1.7}\text{Ti}_{5.4}\text{Cl}_{1.7}$ and $\text{Zr}_{2.1}\text{Ti}_{1.6}\text{Cl}_{3.0}$ LTA. <i>Journal of Physical Chemistry C</i> , 2015, 119, 18226-18238.	3.1	13
22	Encapsulating Photoluminescent Materials in Zeolites. II. Crystal Structure of Fully Dehydrated $\text{Ce}_{21}\text{H}_{46}\text{O}_{18}$ Y (Si/Al = 1.69) Containing Ce_4O_4 , CeOH^{2+} , Ce^{3+} , and H^{+} . <i>Journal of Physical Chemistry C</i> , 2015, 119, 24501-24511.	3.1	16
23	The dependence of Co^{2+} -exchange into zeolite FAU on its Si/Al ratio. <i>Journal of Porous Materials</i> , 2014, 21, 869-882.	2.6	6
24	First Successful Application of the Thallous Ion Exchange (TIE) Method. Preparation of Fully Indium-Exchanged Zeolite Y (FAU, Si/Al = 1.69). <i>Journal of Physical Chemistry C</i> , 2014, 118, 24655-24661.	3.1	10
25	Introducing copper ions into zeolite Y by the thallous ion exchange method: single crystal structure of $[\text{Cu}_{21.6}\text{Ti}_{39.2}] [\text{Si}_{121}\text{Al}_{71}\text{O}_{384}]$ FAU. <i>Journal of Porous Materials</i> , 2014, 21, 321-330.	2.6	29
26	Encapsulating Photoluminescent Materials in Zeolites. Crystal Structure of Fully Dehydrated Zeolite Y (Si/Al = 1.69) Containing Eu^{3+} . <i>Journal of Physical Chemistry C</i> , 2014, 118, 11014-11025.	3.1	13
27	Crystallographic Verification that Copper(II) Coordinates to Four of the Oxygen Atoms of Zeolite 6-Rings. Two Single-Crystal Structures of Fully Dehydrated, Largely Cu^{2+} -Exchanged Zeolite Y (FAU, Si/Al = 1.56). <i>Journal of Physical Chemistry C</i> , 2012, 116, 963-974.	3.1	52
28	Li^{+} Exchange into Zeolite Na ⁺ Y (FAU) from Aqueous Methanol. Single-Crystal Structures of Fully Dehydrated $\text{LiNa}^{\sim}\text{Y}$. <i>Journal of Physical Chemistry C</i> , 2012, 116, 9009-9018.	3.1	39
29	Single-Crystal Structures of Fully and Partially Dehydrated Zeolite Y (FAU, Si/Al = 1.56) Ni^{2+} Exchanged at a Low pH, 4.9. <i>Journal of Physical Chemistry C</i> , 2012, 116, 13985-13996.	3.1	45
30	Framework Sites Preferred by Aluminum in Zeolite ZSM-5. Structure of a Fully Dehydrated, Fully Cs^{+} -Exchanged ZSM-5 Crystal (MFI, Si/Al = 24). <i>Journal of Physical Chemistry C</i> , 2011, 115, 24823-24838.	3.1	50
31	The Pentagallium Cation in Zeolite Y. Preparation and Crystal Structure of $\text{Ga}_{42}\text{Ti}_{9.3}\text{Si}_{121}\text{Al}_{71}\text{O}_{384}$ Containing Ga_5 , Ga^{+} , Ga^{2+} , Ga^{3+} , and Ti^{+} . <i>Journal of Physical Chemistry C</i> , 2011, 115, 2750-2760.	3.1	45
32	Single-crystal structures of highly -exchanged, fully deaminated, and fully Ti^{+} -exchanged zeolite Y (FAU, Si/Al=1.56), all fully dehydrated. <i>Microporous and Mesoporous Materials</i> , 2010, 129, 11-21.	4.4	76
33	A General Method for the Ion Exchange of Zeolites Utilizing the Volatility of Thallous Compounds as Leaving Products. <i>Journal of Physical Chemistry C</i> , 2010, 114, 13295-13299.	3.1	18
34	Tetrahydroxytetraindium(III) Nanoclusters, $\text{In}_4(\text{OH})_4^{8+}$, in Air-Oxidized Fully In-Exchanged Zeolite Y (FAU, Si/Al = 1.69). Preparation and Crystal Structures of In^{\sim}Y and $\text{In}^{\sim}\text{Y}[\text{In}_4(\text{OH})_4]$. <i>Journal of Physical Chemistry C</i> , 2010, 114, 15741-15754.	3.1	46
35	Detailed Determination of the Ti^{+} Positions in Zeolite $\text{Ti}^{\sim}\text{ZSM-5}$. Single-Crystal Structures of Fully Dehydrated $\text{Ti}^{\sim}\text{ZSM-5}$ and $\text{H}^{\sim}\text{ZSM-5}$ (MFI, Si/Al = 29). Additional Evidence for a Nonrandom Distribution of Framework Aluminum. <i>Journal of Physical Chemistry C</i> , 2009, 113, 19937-19956.	3.1	25
36	Crystal Structures of Vacuum-Dehydrated Ni^{2+} -Exchanged Zeolite Y (FAU, Si/Al = 1.69) Containing Three-Coordinate Ni^{2+} , Ni_8O_4 , $\text{Ni}_4\text{H}_2\text{O}_8$, Ni_4 , Clusters with Near Cubic Ni_4O_4 Cores, and H^{+} . <i>Journal of Physical Chemistry C</i> , 2009, 113, 5164-5181.	3.1	56

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37	Single Crystal Structure of Zeolite A (LTA) Containing Ag ₄ Cl ₄ Nanoclusters and Reduced 1,3,5-Tripyrylium Dimers with Remarkably Short 2.43 Å... Interplanar Spacings. <i>Journal of Physical Chemistry C</i> , 2008, 112, 11181-11193.	3.1	6
38	DOING CHEMISTRY IN A ONE-NANOMETER TEST TUBE (IN A ZEOLITE). <i>Comments on Inorganic Chemistry</i> , 2007, 28, 173-179.	5.2	2
39	Six Single-Crystal Structures Showing the Dehydration, Deamination, Dealumination, and Decomposition of NH ₄ ⁺ -Exchanged Zeolite Y (FAU) with Increasing Evacuation Temperature. Identification of a Lewis Acid Site. <i>Journal of Physical Chemistry C</i> , 2007, 111, 18294-18306.	3.1	69
40	Crystal structures of the NO and NO ₂ sorption complexes of fully dehydrated fully Mn ²⁺ -exchanged zeolite X (FAU). <i>Microporous and Mesoporous Materials</i> , 2006, 93, 12-22.	4.4	37
41	Single crystal structure of fully dehydrated fully K ⁺ -exchanged zeolite Y (FAU), K ₇₁ Si ₁₂₁ Al ₇₁ O ₃₈₄ . <i>Microporous and Mesoporous Materials</i> , 2006, 92, 234-242.	4.4	73
42	Single crystal structure of fully dehydrated fully Tl ⁺ -exchanged zeolite Y, α -Tl ₇₁ [Si ₁₂₁ Al ₇₁ O ₃₈₄]-FAU. <i>Microporous and Mesoporous Materials</i> , 2006, 94, 313-319.	4.4	54
43	Cationic zinc clusters with mean formula in the sodalite cavities of zeolite Y (FAU). <i>Microporous and Mesoporous Materials</i> , 2005, 85, 351-354.	4.4	50
44	Comment on "Synthesis of Fully Dehydrated Fully Zn ²⁺ -Exchanged Zeolite Y and Its Crystal Structure Determined by Pulsed-Neutron Diffraction": Cationic Zinc Clusters Formally Containing Zn(I) in the Sodalite Cavities of Zeolite Y (FAU). <i>Journal of Physical Chemistry B</i> , 2005, 109, 13840-13841.	2.6	11
45	Further crystallographic confirmation that Cs ⁺ ions can occupy sodalite cavities and double six-rings. Crystal structure of fully dehydrated partially Cs ⁺ -exchanged zeolite X, [Cs ₄₅ Na ₄₇][Si ₁₀₀ Al ₉₂ O ₃₈₄]-FAU. <i>Microporous and Mesoporous Materials</i> , 2004, 71, 65-75.	4.4	49
46	Synthesis and Crystal Structure of Ag ₄ I ₄ Nanoclusters in the Sodalite Cavities of Fully K ⁺ -Exchanged Zeolite A. <i>Journal of Physical Chemistry B</i> , 2004, 108, 3168-3173.	2.6	18
47	Crystal structure of Mn ₄₆ Si ₁₀₀ Al ₉₂ O ₃₈₄ ·89H ₂ S, a hydrogen sulfide sorption complex of fully dehydrated Mn ²⁺ -exchanged zeolite X. <i>Microporous and Mesoporous Materials</i> , 2003, 63, 21-31.	4.4	47
48	Two Crystal Structures of Fully Dehydrated, Fully Ag ⁺ -Exchanged Zeolite X. Dehydration in Oxygen Prevents Ag ⁺ -Reduction. Without Oxygen, Ag _{8n} ⁺ (Td) and cyclo-Ag _{4m} ⁺ (nearS ₄) Form. <i>Journal of Physical Chemistry B</i> , 2003, 107, 6938-6945.	2.6	53
49	Spatially Ordered Quantum Dot Array of Indium Nanoclusters in Fully Indium-Exchanged Zeolite X. <i>Journal of Physical Chemistry B</i> , 2003, 107, 1120-1128.	2.6	60
50	Disproportionation of an Element in a Zeolite. I. Crystal Structure of a Sulfur Sorption Complex of Dehydrated, Fully Cd ²⁺ -Exchanged Zeolite X. Synthesis of Tetrahedral S ₄₄ ⁺ and n-S ₄₂ ⁺ , Two New Polyatomic Cations of Sulfur. <i>Journal of Physical Chemistry B</i> , 2003, 107, 3117-3123.	2.6	57
51	Disproportionation of an Element in a Zeolite. II. Crystal Structure of an Iodine Sorption Complex of Dehydrated Fully Cd ²⁺ -Exchanged Zeolite X Containing n-I ₅ ⁺ as I ₃ ⁺ and Square cyclo-I ₄₂ ⁺ . <i>Journal of Physical Chemistry B</i> , 2003, 107, 10709-10714.	2.6	37
52	Reaction of Fully Indium-Exchanged Zeolite A with Hydrogen Sulfide. Crystal Structures of Indium-Exchanged Zeolite A Containing In ₂ S, InSH, Sorbed H ₂ S, and (In ₅) ₇ ⁺ . <i>Journal of Physical Chemistry B</i> , 2002, 106, 4578-4587.	2.6	31
53	Crystal Structure of a Mesitylene Sorption Complex of Dehydrated Fully Ca ²⁺ -Exchanged Zeolite X. Sorbed Mesitylene Appears to be Significantly Nonplanar. <i>Journal of Physical Chemistry B</i> , 2002, 106, 5827-5832.	2.6	46
54	Crystal Structure of a Cadmium Sorption Complex of Dehydrated Fully Cd ²⁺ -Exchanged Zeolite X Containing Cd ²⁺ , Cd ⁺ , and Cd ⁰ . <i>Journal of Physical Chemistry B</i> , 2002, 106, 7569-7573.	2.6	35

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55	Ronneburgite, $K_2MnV_4O_{12}$, a new mineral from Ronneburg, Thuringia, Germany: Description and crystal structure. <i>American Mineralogist</i> , 2001, 86, 1081-1086.	1.9	13
56	Some chemical treatments diminish the long-range ordering in the aluminosilicate framework of zeolite X. <i>Microporous and Mesoporous Materials</i> , 2001, 42, 299-306.	4.4	22
57	Verification of linear Na_{32+} clusters in zeolite X. <i>Microporous and Mesoporous Materials</i> , 2001, 46, 111-113.	4.4	6
58	Structure of a cyclopropane sorption complex of dehydrated fully Mn^{2+} -exchanged zeolite X. <i>Microporous and Mesoporous Materials</i> , 2000, 40, 247-255.	4.4	37
59	Weak $Ag^+ \cdots Ag^+$ bonding in zeolite X. Crystal structures of $Ag_{92}Si_{100}Al_{92}O_{384}$ hydrated and fully dehydrated in flowing oxygen. <i>Microporous and Mesoporous Materials</i> , 2000, 41, 49-59.	4.4	34
60	Structure of a cyclopropane sorption complex of dehydrated fully Cd^{2+} -exchanged zeolite A. <i>Microporous and Mesoporous Materials</i> , 2000, 41, 61-68.	4.4	10
61	Cation Crowding in Zeolites. Reinvestigation of the Crystal Structure of Dehydrated Potassium-Exchanged Zeolite X. <i>Journal of Physical Chemistry B</i> , 2000, 104, 8946-8951.	2.6	58
62	Crystallographic Study of the Reaction of Zinc Vapor with Fully Cd^{2+} -Exchanged Zeolite X. Complete Reduction of Cd^{2+} by Zn, Extraction of SiO_4^{4-} and AlO_4^{5-} from the Zeolite Framework, and Reduction of Si^{4+} to Si. <i>Journal of Physical Chemistry B</i> , 2000, 104, 9811-9816.	2.6	28
63	Crystal Structure of Partially Pd^{2+} -Exchanged Zeolite X Dehydrated in Oxygen at 400 $^{\circ}C$. Formation of Linear Pd_2O_3 Clusters Proposed To Be $HO \cdots PdIV \cdots O \cdots PdIV \cdots OH$ in $(Pd^{2+})_{14}(HOPdOPdOH_4)_8(Na^+)_{32} \cdots Si_{100}Al_{92}O_{384}$. <i>Journal of Physical Chemistry B</i> , 2000, 104, 2490-2494.	2.6	45
64	Zn^{2+} Cations, Probable Tl_4Zn_{12} and Tl_6 Clusters, and Zeolite Desilication (Less Likely Dealumination): \hat{A} Crystallographic Study of the Incomplete Reaction of Zn Vapor with Tl^{+} -Exchanged Zeolite X. <i>Journal of Physical Chemistry B</i> , 2000, 104, 515-525.	2.6	46
65	A Cationic Rubidium Continuum in Zeolite X. <i>Journal of Physical Chemistry B</i> , 2000, 104, 11162-11167.	2.6	34
66	Crystal Structures of Fully Indium-Exchanged Zeolite X. <i>Journal of Physical Chemistry B</i> , 2000, 104, 8372-8381.	2.6	51
67	Crystal Structures of Fully La^{3+} -Exchanged Zeolite X: \hat{A} an Intrazeolitic La_2O_3 Continuum, Hexagonal Planar and Trigonal Monocapped Trigonal Prismatic Coordination. <i>Journal of Physical Chemistry B</i> , 2000, 104, 2224-2236.	2.6	64
68	Crystal structure of an ammonia sorption complex of dehydrated fully Ca^{2+} -exchanged zeolite X. <i>Microporous and Mesoporous Materials</i> , 1999, 28, 173-183.	4.4	50
69	Structures of cobalt(II)-exchanged zeolite X. <i>Microporous and Mesoporous Materials</i> , 1999, 33, 265-280.	4.4	103
70	Reinvestigation of the Crystal Structure of Dehydrated Sodium Zeolite X. <i>Journal of Physical Chemistry B</i> , 1999, 103, 9512-9518.	2.6	122
71	Structure of Dehydrated Zn^{2+} -Exchanged Zeolite X. Overexchange, Framework Dealumination and Reorganization, Stoichiometric Retention of Monomeric Tetrahedral Aluminate. <i>Journal of Physical Chemistry B</i> , 1999, 103, 5631-5636.	2.6	61
72	Crystal Structure of a Zinc Sorption Complex of Cd^{2+} -Exchanged Zeolite X Containing Tetrahedral $Cd_2+4(\frac{1}{4}ZnO \cdots Cd^{2+} \cdots ZnO)_4$ Clusters. <i>Journal of Physical Chemistry B</i> , 1999, 103, 6493-6497.	2.6	53

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73	Hydronium Ions in Zeolites. 1. Structures of Partially and Fully Dehydrated Na ₃ H ₃ O ⁺ ·X by X-ray and Neutron Diffraction. Journal of Physical Chemistry B, 1999, 103, 10365-10372.	2.6	62
74	Crystal Structure of Anhydrous NH ₄ ⁺ -Exchanged Zeolite X Partially Reacted with HgCl ₂ Vapor. Cationic Chloromercuric Clusters, Regular Octahedral Hg(II), and Regular Trigonal Hg(II). Journal of Physical Chemistry B, 1999, 103, 10409-10416.	2.6	35
75	Crystal structure of a hydrogen sulfide sorption complex of fully Ca ²⁺ -exchanged zeolite X. Microporous and Mesoporous Materials, 1998, 23, 33-44.	4.4	19
76	Crystal structure of a carbon monoxide sorption complex of dehydrated fully manganese(II)-exchanged zeolite X. Microporous and Mesoporous Materials, 1998, 26, 101-107.	4.4	37
77	Crystal Structure of a Benzene Sorption Complex of Dehydrated Fully Ca ²⁺ -Exchanged Zeolite X. Journal of Physical Chemistry B, 1998, 102, 6071-6077.	2.6	59
78	Partial Structures of Fully Dehydrated Ni ₃₀ Na ₇ Cl ₁₂ Si ₁₃₇ Al ₅₅ O ₃₈₄ (Solid-State Nickel(II)-Exchanged) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Chemistry B, 1998, 102, 2688-2695.	2.6	63
79	Crystal Structure of Indium-Exchanged Zeolite A Containing Sorbed Disulfur. Journal of Physical Chemistry B, 1998, 102, 17-23.	2.6	33
80	Crystal Structures of Dehydrated Fully Mn ²⁺ -Exchanged Zeolite X and of Its Ethylene Sorption Complex. Journal of Physical Chemistry B, 1997, 101, 9041-9045.	2.6	66
81	Crystal Structures of the Ethylene and Acetylene Sorption Complexes of Fully Ca ²⁺ -Exchanged Zeolite X. Journal of Physical Chemistry B, 1997, 101, 3091-3096.	2.6	58
82	Crystal Structure of an Ethylene Sorption Complex of Cd ²⁺ -Exchanged Zeolite X, Cd ₄₆ Si ₁₀₀ Al ₉₂ O ₃₈₄ ·29.5C ₂ H ₄ . Journal of Physical Chemistry B, 1997, 101, 2138-2142.	2.6	48
83	Crystal Structure of Zeolite X Exchanged with Pb(II) at pH 6.0 and Dehydrated: Å (Pb ₄ ⁺) ₁₄ (Pb ₂ ⁺) ₁₈ (Pb ₄ O ₄) ₈ Si ₁₀₀ Al ₉₂ O ₃₈₄ . Journal of Physical Chemistry B, 1997, 101, 5314-5318.	2.6	108
84	Crystal Structure of a Sodium Sorption Complex of Zeolite X Containing Linear Na ₃ ²⁺ -Clusters. Journal of Physical Chemistry B, 1997, 101, 9022-9026.	2.6	39
85	Three Crystal Structures of Vacuum-Dehydrated Zeolite X, M ₄₆ Si ₁₀₀ Al ₉₂ O ₃₈₄ , M = Mg ²⁺ , Ca ²⁺ , and Ba ²⁺ . Journal of Physical Chemistry B, 1997, 101, 6914-6920.	2.6	97
86	Crystal structure of Zn ₄ Na(OH) ₆ SO ₄ Cl·6H ₂ O. Journal of Chemical Crystallography, 1997, 27, 325-329.	1.1	11
87	Crystal structure of fully dehydrated fully Ti ⁺ -exchanged zeolite X. Zeolites, 1997, 18, 325-333.	0.5	54
88	Crystal Structure of a Hydrogen Sulfide Sorption Complex of Dehydrated Partially Cobalt(II)-Exchanged Zeolite A. The Journal of Physical Chemistry, 1996, 100, 8373-8377.	2.9	24
89	Crystal structure of a hydrogen sulfide sorption complex of zeolite LTA. Zeolites, 1996, 17, 495-500.	0.5	13
90	Crystal Structures of Encapsulates within Zeolites. 2. Argon in Zeolite A. The Journal of Physical Chemistry, 1996, 100, 13725-13731.	2.9	10

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91	Two Anhydrous Zeolite X Crystal Structures, $\text{Cd}_{46}\text{Si}_{100}\text{Al}_{92}\text{O}_{384}$ and $\text{Cd}_{24.5}\text{Ti}_{43}\text{Si}_{100}\text{Al}_{92}\text{O}_{384}$. The Journal of Physical Chemistry, 1996, 100, 13720-13724.	2.9	67
92	Failure of ion exchange into zeolites A and X from four diverse nonaqueous solvents. Zeolites, 1995, 15, 377-381.	0.5	24
93	MOLECULES OF COPPER(II)-SPARTEINE DINITRATE ARE MIXED FOUR- AND FIVE-COORDINATE IN ONE CRYSTALLINE PHASE AND ONLY FOUR-COORDINATE IN ANOTHER. Journal of Coordination Chemistry, 1995, 34, 241-252.	2.2	26
94	Crystal Structures of Fully Dehydrated Cd(II)-Exchanged Zeolite A and of Its Cadmium Sorption Complex Containing Cd^{2+} , Cd^{+} , Cd^{22+} , and Cd^{20} . The Journal of Physical Chemistry, 1994, 98, 3796-3800.	2.9	32
95	Structure of the tetrahedral sodium Na_{54}^{+} cluster in zeolite X. The Journal of Physical Chemistry, 1993, 97, 12663-12664.	2.9	56
96	Cesium Vapor Reacts with K ⁺ -Exchanged Zeolite A To Give Fully Cs ⁺ -Exchanged Zeolite A Containing $(\text{Cs}_4)_3^{+}$ Clusters. ACS Symposium Series, 1988, , 177-193.	0.5	2
97	Preparation and structure of fully caesium exchanged zeolite A and of the linear $(\text{Cs}_4)_3^{+}$ cation. Journal of the Chemical Society Chemical Communications, 1987, , 1225.	2.0	16
98	Reaction of dehydrated Na ₁₂ -A with cesium. Synthesis and crystal structure of fully dehydrated, fully cesium ion-exchanged zeolite A. Journal of the American Chemical Society, 1987, 109, 7986-7992.	13.7	54
99	Four Crystal Structures of $\text{Ba}_{x}\text{Na}_{12-2x}\text{-A}$ ($1 \leq x \leq 6$) Relating to the Instability of Barium-Exchanged Zeolite A Toward Dehydration. ACS Symposium Series, 1980, , 137-153.	0.5	3
100	Cadmium(I) and dicadmium(I). Crystal structures of cadmium(II)-exchanged zeolite A evacuated at 500.degree.C and of its cadmium sorption complex. Journal of the American Chemical Society, 1979, 101, 5235-5239.	13.7	35
101	The octahedral hexasilver molecule. Seven crystal structures of variously vacuum-dehydrated fully silver(1 ⁺)-exchanged zeolite A. Journal of the American Chemical Society, 1978, 100, 6989-6997.	13.7	95
102	Crystal structures of cyclopropane complexes of cobalt(II) and manganese(II) in partially exchanged zeolite A. Journal of the American Chemical Society, 1978, 100, 6997-7003.	13.7	44
103	The crystal structure of dehydrated fully silver(1 ⁺) ion-exchanged zeolite A reduced by hydrogen and reoxidized by oxygen, both at 330.degree.C. The loss of long range order and its subsequent return. The Journal of Physical Chemistry, 1978, 82, 921-924.	2.9	26
104	A near zero coordinate sodium ion in dehydrated zeolite 4A, Na ₁₂ -A. The Journal of Physical Chemistry, 1977, 81, 2249-2251.	2.9	48
105	Crystal and molecular structure of a diradical, 1,3-dinitro-4,6-di[3-(2,2,5,5-tetramethyl)-pyrrolidinyl-N-oxide]aminobenzene monohydrate. Journal of Crystal and Molecular Structure, 1976, 6, 87-100.	0.4	1
106	Crystal structures of hydrated and dehydrated potassium-exchanged zeolite A. The Journal of Physical Chemistry, 1975, 79, 2157-2162.	2.9	66
107	Hydrated and dehydrated crystal structures of seven-twelfths cesium-exchanged zeolite A. The Journal of Physical Chemistry, 1975, 79, 2163-2167.	2.9	68