Karl Seff

List of Publications by Citations

107 papers	3,329 citations	38 h-index	52 g-index
107 ext. papers	3,407 ext. citations	4.5 avg, IF	5.04 L-index

#	Paper	IF	Citations
107	Reinvestigation of the Crystal Structure of Dehydrated Sodium Zeolite X. *Journal of Physical Chemistry B*, **1999**, 103, 9512-9518	3.4	110
106	Crystal Structure of Zeolite X Exchanged with Pb(II) at pH 6.0 and Dehydrated: (Pb4+)14(Pb2+)18(Pb4O4)8Si100Al92O384. *Journal of Physical Chemistry B*, **1997**, 101, 5314-5318	3.4	102
105	Structures of cobalt(II)-exchanged zeolite X. *Microporous and Mesoporous Materials*, **1999**, 33, 265-280	5.3	96
104	Three Crystal Structures of Vacuum-Dehydrated Zeolite X, M46Si100Al92O384, M = Mg2+, Ca2+, and Ba2+. *Journal of Physical Chemistry B*, **1997**, 101, 6914-6920	3.4	90
103	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	16.4	84
102	Single-crystal structures of highly -exchanged, fully deaminated, and fully Tl+-exchanged zeolite Y (FAU, Si/Al=1.56), all fully dehydrated. *Microporous and Mesoporous Materials*, **2010**, 129, 11-21	5.3	73
101	Single crystal structure of fully dehydrated fully K+-exchanged zeolite Y (FAU), K71Si121Al71O384. *Microporous and Mesoporous Materials*, **2006**, 92, 234-242	5.3	72
100	Two Anhydrous Zeolite X Crystal Structures, Cd46Si100Al92O384 and Cd24.5Tl43Si100Al92O384. *The Journal of Physical Chemistry*, **1996**, 100, 13720-13724		67
99	Crystal Structures of Dehydrated Fully Mn2+-Exchanged Zeolite X and of Its Ethylene Sorption Complex. *Journal of Physical Chemistry B*, **1997**, 101, 9041-9045	3.4	65
98	Hydrated and dehydrated crystal structures of seven-twelfths cesium-exchanged zeolite A. *The Journal of Physical Chemistry*, **1975**, 79, 2163-2167		65
97	Partial Structures of Fully Dehydrated Ni30Na7Cl12Si137Al55O384 (Solid-State Nickel(II)-Exchanged Zeolite Y) and of Its D2O Sorption Complex by Pulsed-Neutron Diffraction. *Journal of Physical Chemistry B*, **1998**, 102, 2688-2695	3.4	63
96	Crystal structures of hydrated and dehydrated potassium-exchanged zeolite A. *The Journal of Physical Chemistry*, **1975**, 79, 2157-2162		63
95	Crystal Structures of Fully La3+-Exchanged Zeolite X: an Intrazeolitic La2O3 Continuum, Hexagonal Planar and Trigonally Monocapped Trigonal Prismatic Coordination. *Journal of Physical Chemistry B*, **2000**, 104, 2224-2236	3.4	62
94	Structure of Dehydrated Zn2+-Exchanged Zeolite X. Overexchange, Framework Dealumination and Reorganization, Stoichiometric Retention of Monomeric Tetrahedral Aluminate. *Journal of Physical Chemistry B*, **1999**, 103, 5631-5636	3.4	60
93	Crystal Structures of the Ethylene and Acetylene Sorption Complexes of Fully Ca2+-Exchanged Zeolite X. *Journal of Physical Chemistry B*, **1997**, 101, 3091-3096	3.4	58
92	Hydronium Ions in Zeolites. 1. Structures of Partially and Fully Dehydrated Na,H3O□X by X-ray and Neutron Diffraction. *Journal of Physical Chemistry B*, **1999**, 103, 10365-10372	3.4	58
91	Crystal Structure of a Benzene Sorption Complex of Dehydrated Fully Ca2+-Exchanged Zeolite X. *Journal of Physical Chemistry B*, **1998**, 102, 6071-6077	3.4	57

90	Spatially Ordered Quantum Dot Array of Indium Nanoclusters in Fully Indium-Exchanged Zeolite X. *Journal of Physical Chemistry B*, **2003**, 107, 1120-1128	3.4	56
89	Disproportionation of an Element in a Zeolite. I. Crystal Structure of a Sulfur Sorption Complex of Dehydrated, Fully Cd2+-Exchanged Zeolite X. Synthesis of Tetrahedral S44+andn-S42+, Two New Polyatomic Cations of Sulfur. *Journal of Physical Chemistry B*, **2003**, 107, 3117-3123	3.4	56
88	Single crystal structure of fully dehydrated fully Tl+-exchanged zeolite Y, |Tl71|[Si121Al71O384]-FAU. *Microporous and Mesoporous Materials*, **2006**, 94, 313-319	5.3	54
87	Cation Crowding in Zeolites. Reinvestigation of the Crystal Structure of Dehydrated Potassium-Exchanged Zeolite X. *Journal of Physical Chemistry B*, **2000**, 104, 8946-8951	3.4	54
86	Crystal structure of fully dehydrated fully TI+ -exchanged zeolite X. *Zeolites*, **1997**, 18, 325-333		53
85	Two Crystal Structures of Fully Dehydrated, Fully Ag+-Exchanged Zeolite X. Dehydration in Oxygen Prevents Ag+ Reduction. Without Oxygen, Ag8n+ (Td) and cyclo-Ag4m+ (near S4) Form. *Journal of Physical Chemistry B*, **2003**, 107, 6938-6945	3.4	51
84	Crystal Structures of Fully Indium-Exchanged Zeolite X. *Journal of Physical Chemistry B*, **2000**, 104, 8372-8381	3.4	51
83	Crystal Structure of a Zinc Sorption Complex of Cd2+-Exchanged Zeolite X Containing Tetrahedral Cd2+4(□-Zn0Cd2+Zn0)4 Clusters. *Journal of Physical Chemistry B*, **1999**, 103, 6493-6497	3.4	51
82	Structure of the tetrahedral sodium Na54+ cluster in zeolite X. *The Journal of Physical Chemistry*, **1993**, 97, 12663-12664		51
81	Reaction of dehydrated Na12-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	16.4	51
80	Cationic zinc clusters with mean formula Zn5.46.9+ in the sodalite cavities of zeolite Y (FAU). *Microporous and Mesoporous Materials*, **2005**, 85, 351-354	5.3	50
79	Crystal Structure of an Ethylene Sorption Complex of Cd2+-Exchanged Zeolite X, Cd46Si100Al92O384□29.5C2H4. *Journal of Physical Chemistry B*, **1997**, 101, 2138-2142	3.4	48
78	Crystal structure of an ammonia sorption complex of dehydrated fully Ca2+-exchanged zeolite X. *Microporous and Mesoporous Materials*, **1999**, 28, 173-183	5.3	48
77	Further crystallographic confirmation that Cs+ ions can occupy sodalite cavities and double six-rings. Crystal structure of fully dehydrated partially Cs+-exchanged zeolite X, |Cs45Na47| [Si100Al92O384]-FAU. *Microporous and Mesoporous Materials*, **2004**, 71, 65-75	5.3	46
76	Crystal structure of Mn46Si100Al92O384 □89H2S, a hydrogen sulfide sorption complex of fully dehydrated Mn2+-exchanged zeolite X. *Microporous and Mesoporous Materials*, **2003**, 63, 21-31	5.3	45
75	Crystal Structure of a Mesitylene Sorption Complex of Dehydrated Fully Ca2+-Exchanged Zeolite X. Sorbed Mesitylene Appears to be Significantly Nonplanar. *Journal of Physical Chemistry B*, **2002**, 106, 5827-5832	3.4	45
74	Zn+Cations, Probable Tl4Zn12and Tl6Clusters, and Zeolite Desilication (Less Likely Dealumination):□ Crystallographic Study of the Incomplete Reaction of Zn Vapor with Tl+-Exchanged Zeolite X. *Journal of Physical Chemistry B*, **2000**, 104, 515-525	3.4	45
73	A near zero coordinate sodium ion in dehydrated zeolite 4A, Na12-A. *The Journal of Physical Chemistry*, **1977**, 81, 2249-2251		45

72	Framework Sites Preferred by Aluminum in Zeolite ZSM-5. Structure of a Fully Dehydrated, Fully Cs+-Exchanged ZSM-5 Crystal (MFI, Si/Al = 24). *Journal of Physical Chemistry C*, **2011**, 115, 24823-24838	3.8	42
71	Crystal Structure of Partially Pd2+-Exchanged Zeolite X Dehydrated in Oxygen at 400 °C. Formation of Linear Pd2O3 Clusters Proposed To Be HOPdIVOPdIVOH in (Pd2+)14(HOPdOPdOH4+)8(Na+)32Si100Al92O384. *Journal of Physical Chemistry B*, **2000**, 104, 2490-2494	3.4	40
70	Six Single-Crystal Structures Showing the Dehydration, Deamination, Dealumination, and Decomposition of NH4+-Exchanged Zeolite Y (FAU) with Increasing Evacuation Temperature. Identification of a Lewis Acid Site. *Journal of Physical Chemistry C*, **2007**, 111, 18294-18306	3.8	38
69	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	16.4	38
68	Crystal Structure of a Sodium Sorption Complex of Zeolite X Containing Linear Na32+Clusters. *Journal of Physical Chemistry B*, **1997**, 101, 9022-9026	3.4	37
67	Structure of a cyclopropane sorption complex of dehydrated fully Mn2+-exchanged zeolite X. *Microporous and Mesoporous Materials*, **2000**, 40, 247-255	5.3	37
66	Crystal structure of a carbon monoxide sorption complex of dehydrated fully manganese(II)-exchanged zeolite X. *Microporous and Mesoporous Materials*, **1998**, 26, 101-107	5.3	36
65	Crystal structures of the NO and NO2 sorption complexes of fully dehydrated fully Mn2+-exchanged zeolite X (FAU). *Microporous and Mesoporous Materials*, **2006**, 93, 12-22	5.3	36
64	Disproportionation of an Element in a Zeolite. II. Crystal Structure of an Iodine Sorption Complex of Dehydrated Fully Cd2+-Exchanged Zeolite X Containing n-I5- as I-I3+I and Square cyclo-I42+. *Journal of Physical Chemistry B*, **2003**, 107, 10709-10714	3.4	35
63	Crystal Structure of a Cadmium Sorption Complex of Dehydrated Fully Cd2+-Exchanged Zeolite X Containing Cd2+, Cd+, and Cd0. *Journal of Physical Chemistry B*, **2002**, 106, 7569-7573	3.4	34
62	Crystal Structure of Anhydrous NH4+-Exchanged Zeolite X Partially Reacted with HgCl2 Vapor. Cationic Chloromercuric Clusters, Regular Octahedral Hg(II), and Regular Trigonal Hg(II). *Journal of Physical Chemistry B*, **1999**, 103, 10409-10416	3.4	33
61	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	16.4	32
60	Reaction of Fully Indium-Exchanged Zeolite A with Hydrogen Sulfide. Crystal Structures of Indium-Exchanged Zeolite A Containing In2S, InSH, Sorbed H2S, and (In5)7+. *Journal of Physical Chemistry B*, **2002**, 106, 4578-4587	3.4	31
59	Crystal Structure of Indium-Exchanged Zeolite A Containing Sorbed Disulfur. *Journal of Physical Chemistry B*, **1998**, 102, 17-23	3.4	31
58	Weak Ag+Ag+ bonding in zeolite X. Crystal structures of Ag92Si100Al92O384 hydrated and fully dehydrated in flowing oxygen. *Microporous and Mesoporous Materials*, **2000**, 41, 49-59	5.3	30
57	A Cationic Rubidium Continuum in Zeolite X. *Journal of Physical Chemistry B*, **2000**, 104, 11162-11167	3.4	30
56	Introducing copper ions into zeolite Y by the thallous ion exchange method: single crystal structure of |Cu21.6Tl39.2|[Si121Al71O384]FAU. *Journal of Porous Materials*, **2014**, 21, 321-330	2.4	29
55	Crystal Structures of Vacuum-Dehydrated Ni2+-Exchanged Zeolite Y (FAU, Si/Al = 1.69) Containing Three-Coordinate Ni2+, Ni8O4xH2O8+, x 4, Clusters with Near Cubic Ni4O4 Cores, and H+. *Journal of Physical Chemistry C*, **2009**, 113, 5164-5181	3.8	28

54	Crystallographic Study of the Reaction of Zinc Vapor with Fully Cd2+-Exchanged Zeolite X. Complete Reduction of Cd2+ by Zn, Extraction of SiO44- and AlO45- from the Zeolite Framework, and Reduction of Si4+ to Si. *Journal of Physical Chemistry B*, **2000**, 104, 9811-9816	3.4	27
53	Crystal Structures of Fully Dehydrated Cd(II)-Exchanged Zeolite A and of Its Cadmium Sorption Complex Containing Cd2+, Cd+, Cd22+, and Cd20. *The Journal of Physical Chemistry*, **1994**, 98, 3796-3800		27
52	MOLECULES OF COPPER(II) l-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	1.6	24
51	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		24
50	Detailed Determination of the Tl+ Positions in Zeolite Tl□SM-5. Single-Crystal Structures of Fully Dehydrated Tl□SM-5 and H□SM-5 (MFI, Si/Al = 29). Additional Evidence for a Nonrandom Distribution of Framework Aluminum. *Journal of Physical Chemistry C*, **2009**, 113, 19937-19956	3.8	23
49	Some chemical treatments diminish the long-range ordering in the aluminosilicate framework of zeolite X. *Microporous and Mesoporous Materials*, **2001**, 42, 299-306	5.3	22
48	Failure of ion exchange into zeolites A and X from four diverse nonaqueous solvents. *Zeolites*, **1995**, 15, 377-381		21
47	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		21
46	Crystallographic Verification that Copper(II) Coordinates to Four of the Oxygen Atoms of Zeolite 6-Rings. Two Single-Crystal Structures of Fully Dehydrated, Largely Cu2+-Exchanged Zeolite Y (FAU, Si/Al = 1.56). *Journal of Physical Chemistry C*, **2012**, 116, 963-974	3.8	19
45	Tetrahydroxytetraindium(III) Nanoclusters, In4(OH)48+, in Air-Oxidized Fully In-Exchanged Zeolite Y (FAU, Si/Al = 1.69). Preparation and Crystal Structures of In□ and In□[In4(OH)4]. *Journal of Physical Chemistry C*, **2010**, 114, 15741-15754	3.8	19
44	A General Method for the Ion Exchange of Zeolites Utilizing the Volatility of Thallous Compounds as Leaving Products. *Journal of Physical Chemistry C*, **2010**, 114, 13295-13299	3.8	18
43	The Pentagallium Cation in Zeolite Y. Preparation and Crystal Structure of Ga42Tl9.3Si121Al71O384 Containing Ga57+, Ga+, Ga2+, Ga3+, and Tl+. *Journal of Physical Chemistry C*, **2011**, 115, 2750-2760	3.8	17
42	Crystal structure of a hydrogen sulfide sorption complex of fully Ca2+-exchanged zeolite X. *Microporous and Mesoporous Materials*, **1998**, 23, 33-44	5.3	16
41	Preparation and structure of fully caesium exchanged zeolite A and of the linear (Cs4)3+ cation. *Journal of the Chemical Society Chemical Communications*, **1987**, 1225		16
40	Single-Crystal Structures of Fully and Partially Dehydrated Zeolite Y (FAU, Si/Al = 1.56) Ni2+ Exchanged at a Low pH, 4.9. *Journal of Physical Chemistry C*, **2012**, 116, 13985-13996	3.8	15
39	Synthesis and Crystal Structure of Ag4I4Nanoclusters in the Sodalite Cavities of Fully K+-Exchanged Zeolite A. *Journal of Physical Chemistry B*, **2004**, 108, 3168-3173	3.4	15
38	Exchange of a Tetrapositive Cation into a Zeolite and a New Inorganic Scintillator. I. Crystal Structures and Scintillation Properties of Anhydrous Zr1.7Tl5.4Cl1.7□TA and Zr2.1Tl1.6Cl3.0□TA. *Journal of Physical Chemistry C*, **2015**, 119, 18326-18339	3.8	13
37	Encapsulating Photoluminescent Materials in Zeolites. II. Crystal Structure of Fully Dehydrated Ce21H46O18□ (Si/Al = 1.69) Containing Ce4O44+, CeOH2+, Ce3+, and H+. *Journal of Physical Chemistry C*, **2015**, 119, 24501-24511	3.8	13

36	Surprising Intrazeolitic Chemistry of Silver. *Journal of Physical Chemistry C*, **2016**, 120, 5277-5287	3.8	13
35	Structures of the Subnanometer Clusters of Cadmium Sulfide Encapsulated in Zeolite Y: Cd4S6+ and Cd(SHCd)46+. *Journal of Physical Chemistry C*, **2016**, 120, 16722-16731	3.8	13
34	Encapsulating Photoluminescent Materials in Zeolites. Crystal Structure of Fully Dehydrated Zeolite Y (Si/Al = 1.69) Containing Eu3+. *Journal of Physical Chemistry C*, **2014**, 118, 11014-11025	3.8	12
33	Using the Thallous Ion Exchange Method to Exchange Tin into High Alumina Zeolites. 1. Crystal Structure of |Sn2+5.3Sn4+0.8Cl□1.8|[Si12Al12O48]-LTA. *Journal of Physical Chemistry C*, **2015**, 119, 3244-3252	3.8	12
32	Li+ Exchange into Zeolite Na□Y (FAU) from Aqueous Methanol. Single-Crystal Structures of Fully Dehydrated Li,Na□Y. *Journal of Physical Chemistry C*, **2012**, 116, 9009-9018	3.8	12
31	Crystal structure of a hydrogen sulfide sorption complex of zeolite LTA. *Zeolites*, **1996**, 17, 495-500		12
30	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). *Journal of Physical Chemistry B*, **2005**, 109, 13840-1	3.4	11
29	Crystal structure of Zn4Na(OH)6SO4Cl□6H2O. *Journal of Chemical Crystallography*, **1997**, 27, 325-329	0.5	10
28	First Successful Application of the Thallous Ion Exchange (TIE) Method. Preparation of Fully Indium-Exchanged Zeolite Y (FAU, Si/Al = 1.69). *Journal of Physical Chemistry C*, **2014**, 118, 24655-24661	3.8	9
27	Crystal Structures of Encapsulates within Zeolites. 2. Argon in Zeolite A. *The Journal of Physical Chemistry*, **1996**, 100, 13725-13731		9
26	Structure of a cyclopropane sorption complex of dehydrated fully Cd2+-exchanged zeolite A. *Microporous and Mesoporous Materials*, **2000**, 41, 61-68	5.3	9
25	Progress toward Zeolite-Based Self-Luminous Sensors for Radioactive Isotopes such as 201Tl and 137Cs: Structures and Luminescence of Hf,Cl,Tl-A and Hf,Cl,Cs,Na-A. *Journal of Physical Chemistry C*, **2017**, 121, 19619-19633	3.8	8
24	Ronneburgite, K2MnV4O12, a new mineral from Ronneburg, Thuringia, Germany: Description and crystal structure. *American Mineralogist*, **2001**, 86, 1081-1086	2.9	8
23	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	3.8	7
22	Quantum Dots of [Na Cs PbBr] , Water Stable in Zeolite X, Luminesce Sharply in the Green. *Advanced Materials*, **2020**, 32, e2001868	24	7
21	Single Crystal Structure of Zeolite A (LTA) Containing Ag 4Cl 4 Nanoclusters and Reduced 1,3,5-Tripyrylium Dimers with Remarkably Short 2.43 □Interplanar Spacings. *Journal of Physical Chemistry C*, **2008**, 112, 11181-11193	3.8	6
20	Verification of linear Na32+ clusters in zeolite X. *Microporous and Mesoporous Materials*, **2001**, 46, 111-113	3.3	6
19	Preparation, Crystal Structure, and Luminescence Properties of Zeolite LTA Containing Extraframework Tantalum(V), Tantalum(II), Thallium(I), and Chloride. *Journal of Physical Chemistry C* , **2016**, 120, 12139-12148	3.8	6

18	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, S42□and the Trisulfur Cation, S32+. *Journal of Physical Chemistry C*, **2018**, 122, 28133-28141	3.8	6
17	Exchanging noble and seminoble cations into zeolites by oxygen vacancy ion exchange (OVIE). *Microporous and Mesoporous Materials*, **2017**, 244, 47-49	5.3	4
16	The Pentatin Cation in Zeolite Y: Thallous Ion Exchange and Crystal Structure of |Sn36Cl11|[Si128Al64O384]-FAU Containing Sn512+, Sn2Cl3+, and Sn3Cl5+. *Journal of Physical Chemistry C*, **2017**, 121, 471-480	3.8	4
15	Crystal structure of a hydrogen sulfide sorption complex of anhydrous Mn2+-exchanged zeolite Y (FAU, Si/Al = 1.56). *Microporous and Mesoporous Materials*, **2019**, 279, 432-438	5.3	4
14	The dependence of Co2+-exchange into zeolite FAU on its Si/Al ratio. *Journal of Porous Materials*, **2014**, 21, 869-882	2.4	4
13	Crystal structure and X-ray luminescence of zeolite Y (Si/Al = 1.69) containing extraframework hafnium(IV). *Microporous and Mesoporous Materials*, **2019**, 288, 109552	5.3	3
12	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	5.3	3
11	Four Crystal Structures of BaxNa12-2x-A (12≥x≥6) Relating to the Instability of Barium-Exchanged Zeolite A Toward Dehydration. *ACS Symposium Series*, **1980**, 137-153	0.4	3
10	Preparation, crystal structure, and luminescence of zeolite Ta,Cl,Cs,Na-A containing a cubic Cs11TaCl 10+6 continuum. *Journal of Porous Materials*, **2017**, 24, 1117-1128	2.4	2
9	Crystal Structure of Zeolite LTA Containing Extraframework Tungsten(VI) Ions. *Journal of Physical Chemistry C*, **2018**, 122, 6661-6668	3.8	2
8	DOING CHEMISTRY IN A ONE-NANOMETER TEST TUBE (IN A ZEOLITE). *Comments on Inorganic Chemistry*, **2007**, 28, 173-179	3.9	2
7	Water Molecules in Zeolite Y Enhance the Photoluminescent Properties of Its Cesium Lead Bromide Quantum Dots, Na4Cs6PbBr48+. *Journal of Physical Chemistry C*, **2021**, 125, 5904-5918	3.8	2
6	Structure and luminescence of extraframework TiCl62□n Cs+-containing zeolite LTA. *Journal of Porous Materials*, **2019**, 26, 1079-1089	2.4	2
5	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	5.3	2
4	Using Crystallography and NMR to Count the Number of Three-Aluminum Six-Rings in Fully Zn2+-Exchanged Zeolite Y. These Six-Rings Concentrate at Single Six-Ring Positions. *Journal of Physical Chemistry C*, **2021**, 125, 583-592	3.8	2
3	Cesium Vapor Reacts with K+-Exchanged Zeolite A To Give Fully Cs+-Exchanged Zeolite A Containing (Cs4)3+ Clusters. *ACS Symposium Series*, **1988**, 177-193	0.4	1
2	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		1
1	Crystal Structure and Luminescence of Sn,I,Cs,Na▽, a Lead-Free Zeolite Containing Tetrahedrally Distorted Cubes of Sn4I44+. *Journal of Physical Chemistry C*, **2021**, 125, 15696-15710	3.8	