

Gion Anton Calzaferri

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

221
papers

8,330
citations

52
h-index

78
g-index

236
ext. papers

8,605
ext. citations

5.4
avg, IF

6.05
L-index

#	Paper	IF	Citations
221	Multiple equilibria describe the complete adsorption isotherms of nonporous, microporous, and mesoporous adsorbents. <i>Microporous and Mesoporous Materials</i> , 2021 , 330, 111563	5.3	1
220	Entropy in multiple equilibria. Argon and nitrogen adsorption isotherms of nonporous, microporous, and mesoporous materials. <i>Microporous and Mesoporous Materials</i> , 2021 , 312, 110744	5.3	6
219	Guests in Nanochannels of Zeolite L. <i>Structure and Bonding</i> , 2020 , 1-73	0.9	1
218	Structure and Host-Guest Interactions of Perylene-Diimide Dyes in Zeolite L Nanochannels. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 3401-3418	3.8	18
217	Entropy in Multiple Equilibria, Systems with Two Different Sites. <i>Proceedings (mdpi)</i> , 2018 , 2, 168	0.3	
216	Entropy in multiple equilibria, compounds with different sites. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 29070-29084	3.6	5
215	Entropy in multiple equilibria, theory and applications. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 10611-10621	3.6	13
214	One-dimensional self-assembly of perylene-diimide dyes by unidirectional transit of zeolite channel openings. <i>Chemical Communications</i> , 2016 , 52, 11195-8	5.8	30
213	Supramolecular Organization of Dye Molecules in Zeolite L Channels: Synthesis, Properties, and Composite Materials. <i>Chemistry - A European Journal</i> , 2016 , 22, 4046-60	4.8	33
212	Formation of two homo-chromophoric H-aggregates in DNA-assembled alternating dye stacks. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 3643-7	16.4	44
211	Structure of nanochannel entrances in stopcock-functionalized zeolite L composites. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 11112-6	16.4	34
210	Structure of Nanochannel Entrances in Stopcock-Functionalized Zeolite L Composites. <i>Angewandte Chemie</i> , 2015 , 127, 11264-11268	3.6	11
209	Formation of Two Homo-chromophoric H-Aggregates in DNA-Assembled Alternating Dye Stacks. <i>Angewandte Chemie</i> , 2015 , 127, 3714-3718	3.6	15
208	Luminescence enhancement after adding stoppers to europium(III) nanozeolite L. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 2904-9	16.4	93
207	Luminescence Enhancement after Adding Stoppers to Europium(III) Nanozeolite L. <i>Angewandte Chemie</i> , 2014 , 126, 2948-2953	3.6	19
206	Efficient and Robust Host-Guest Antenna Composite for Light Harvesting. <i>Chemistry of Materials</i> , 2014 , 26, 6878-6885	9.6	42
205	Formation of two-dimensional supramolecular polymers by amphiphilic pyrene oligomers. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 11488-93	16.4	78

204	First-principles simulation of the absorption bands of fluorenone in zeolite L. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 159-67	3.6	31
203	Self-Absorption and Luminescence Quantum Yields of Dye-Zeolite L Composites. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 23034-23047	3.8	24
202	Host-guest interactions and orientation of dyes in the one-dimensional channels of zeolite L. <i>Langmuir</i> , 2013 , 29, 9188-98	4	42
201	Formation of Two-Dimensional Supramolecular Polymers by Amphiphilic Pyrene Oligomers. <i>Angewandte Chemie</i> , 2013 , 125, 11702-11707	3.6	32
200	Orientation and Order of Xanthene Dyes in the One-Dimensional Channels of Zeolite L: Bridging the Gap between Experimental Data and Molecular Behavior. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 16784-16799	3.8	42
199	Nanochannels: hosts for the supramolecular organization of molecules and complexes. <i>Langmuir</i> , 2012 , 28, 6216-31	4	110
198	Photon harvesting by excimer-forming multichromophores. <i>Chemical Communications</i> , 2012 , 48, 9589-915.8	3.8	31
197	Self-assembling zeolite crystals into uniformly oriented layers. <i>Langmuir</i> , 2011 , 27, 12614-20	4	30
196	Förster resonance energy transfer in quantum dot-dye-loaded zeolite L nanoassemblies. <i>Small</i> , 2011 , 7, 1488-94	11	68
195	Designing dye-nanochannel antenna hybrid materials for light harvesting, transport and trapping. <i>ChemPhysChem</i> , 2011 , 12, 580-94	3.2	86
194	On the significance of the anchoring group in the design of antenna materials based on phthalocyanine stopcocks and zeolite L. <i>Chemistry - A European Journal</i> , 2011 , 17, 1855-62	4.8	29
193	Manipulation of Energy Transfer Processes Within the Channels of L-Zeolite 2011 , 285-387		10
192	Interactions of Perylene Bisimide in the One-Dimensional Channels of Zeolite L. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 5974-5988	3.8	52
191	Interactions, Behavior, And Stability of Fluorenone inside Zeolite Nanochannels. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 10572-10579	3.8	44
190	Toward white light emission through efficient two-step energy transfer in hybrid nanofibers. <i>ACS Nano</i> , 2010 , 4, 1409-16	16.7	83
189	Self-assembled nanofibers of fluorescent zeolite L crystals and conjugated polymer. <i>Langmuir</i> , 2010 , 26, 1590-3	4	15
188	Weak forces at work in dye-loaded zeolite materials: spectroscopic investigation on cation-sulfur interactions. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 2599-605	3.6	6
187	Artificial Photosynthesis. <i>Topics in Catalysis</i> , 2010 , 53, 130-140	2.3	37

186	Surprising properties of a furo-furanone. <i>Chemistry - A European Journal</i> , 2010 , 16, 11289-99	4.8	18
185	Orienting Zeolite L Microcrystals with a Functional Linker. <i>Angewandte Chemie</i> , 2010 , 122, 1476-1480	3.6	23
184	Orienting zeolite L microcrystals with a functional linker. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 1434-8	16.4	110
183	Manipulation of Energy Transfer Processes in Nanochannels. <i>International Journal of Photoenergy</i> , 2009 , 2009, 1-9	2.1	9
182	Energy Transfer in Fluorescent Nanofibers Embedding Dye-Loaded Zeolite L Crystals. <i>Advanced Materials</i> , 2009 , 21, 1146-1150	24	42
181	Thermally stable luminescent lanthanide complexes in zeolite L. <i>Microporous and Mesoporous Materials</i> , 2009 , 121, 1-6	5.3	74
180	Multilevel organization in hybrid thin films for optoelectronic applications. <i>Langmuir</i> , 2009 , 25, 12019-234		42
179	Nanochannels for supramolecular organization of luminescent guests. <i>Journal of Materials Chemistry</i> , 2009 , 19, 8040		135
178	Mimicking the antenna system of green plants. <i>Photochemical and Photobiological Sciences</i> , 2008 , 7, 879-910	2.1	138
177	Novel phthalocyanine-based stopcock for zeolite L. <i>Chemical Communications</i> , 2008 , 1187-9	5.8	17
176	Time, space, and spectrally resolved studies on J-aggregate interactions in zeolite L nanochannels. <i>Journal of the American Chemical Society</i> , 2008 , 130, 10970-6	16.4	88
175	A Layered Red-Emitting Chromophoric Organic Salt. <i>Crystal Growth and Design</i> , 2008 , 8, 3004-3009	3.5	11
174	Mimicking the antenna system of green plants 2008 ,		1
173	Dye-modified nanochannel materials for photoelectronic and optical devices. <i>Chemistry - A European Journal</i> , 2008 , 14, 7442-9	4.8	58
172	Orthogonally Bifunctional Fluorescent Zeolite-L Microcrystals. <i>Advanced Materials</i> , 2008 , 20, 1614-1618	24	67
171	Fabrication of oriented zeolite L monolayer via covalent molecular linkers. <i>Journal of Solid State Chemistry</i> , 2008 , 181, 2469-2472	3.3	17
170	Selfassembly of zeolite L crystals on biological self-cleaning surfaces. <i>Microporous and Mesoporous Materials</i> , 2008 , 109, 392-397	5.3	13
169	Proton activity inside the channels of zeolite L. <i>Chemistry - A European Journal</i> , 2007 , 13, 8939-52	4.8	54

168	Self-assembling living systems with functional nanomaterials. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 6188-91	16.4	75
167	Assembling micro crystals through cooperative coordinative interactions. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 8898-902	16.4	37
166	Selbstorganisation lebender Systeme mit funktionalen Nanomaterialien. <i>Angewandte Chemie</i> , 2007 , 119, 6301-6304	3.6	25
165	Verknüpfung von Mikrokristallen durch kooperative koordinative Wechselwirkungen. <i>Angewandte Chemie</i> , 2007 , 119, 9056-9060	3.6	10
164	Optical spectroscopy of inorganic-organic host-guest nanocrystals organized as oriented monolayers. <i>Inorganica Chimica Acta</i> , 2007 , 360, 869-875	2.7	35
163	Fluorescent electrospun nanofibers embedding dye-loaded zeolite crystals. <i>Small</i> , 2007 , 3, 305-9	11	33
162	Nanochannel Materials for Quantum Solar Energy Conversion Devices. <i>Chimia</i> , 2007 , 61, 820-822	1.3	14
161	Fabrication of oriented zeolite L monolayers employing luminescent perylene diimide-bridged silsesquioxane precursor as the covalent linker. <i>Chemical Communications</i> , 2007 , 2853-4	5.8	26
160	Organizing supramolecular functional dye-zeolite crystals. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 5282-7	16.4	142
159	Luminescence quenching by O ₂ of a Ru ²⁺ complex attached to zeolite L. <i>ChemPhysChem</i> , 2006 , 7, 1050-3	3.2	16
158	Organizing Supramolecular Functional Dye-zeolite Crystals. <i>Angewandte Chemie</i> , 2006 , 118, 5408-5413	3.6	39
157	Light-harvesting host-guest antenna materials for photonic devices 2006 , 6192, 201		4
156	Electronic excitation energy transfer from dye-loaded zeolite L monolayers to a semiconductor 2006 ,		2
155	Luminescence quenching measurements on zeolite L monolayers 2006 , 6197, 71		
154	Transfer of electronic excitation energy between randomly mixed dye molecules in the channels of zeolite L. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 5633-8	3.4	33
153	Organisation and Solubilisation of Zeolite L Crystals. <i>Chimia</i> , 2006 , 60, 179-181	1.3	11
152	Light-harvesting host-guest antenna materials for quantum solar energy conversion devices. <i>Comptes Rendus Chimie</i> , 2006 , 9, 214-225	2.7	26
151	Solubilisation of dye-loaded zeolite L nanocrystals. <i>Microporous and Mesoporous Materials</i> , 2006 , 90, 69-73	3.3	41

150	Carboxyester functionalised dye-zeolite L host-guest materials. <i>Microporous and Mesoporous Materials</i> , 2006 , 95, 112-117	5.3	23
149	Particle distribution in a microporous material: experiments with zeolite A. <i>ChemPhysChem</i> , 2005 , 6, 1073-80	3.8	12
148	Synthesis of Zeolite L. Tuning Size and Morphology. <i>Monatshefte Für Chemie</i> , 2005 , 136, 77-89	1.4	163
147	Selective functionalization of the external surface of zeolite L. <i>Comptes Rendus Chimie</i> , 2005 , 8, 391-398	2.7	24
146	Particle distribution in a microporous material: theoretical concept. <i>ChemPhysChem</i> , 2005 , 6, 2167-78	3.2	4
145	Förster-type energy transfer along a specified axis. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 5325-9	16.4	39
144	Förster-Type Energy Transfer along a Specified Axis. <i>Angewandte Chemie</i> , 2005 , 117, 5459-5463	3.6	24
143	Synthesis and luminescence properties of Ag ₂ S and PbS clusters in zeolite A. <i>Chemistry - A European Journal</i> , 2005 , 11, 7191-8	4.8	48
142	Sequential functionalization of the channel entrances of zeolite L crystals. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 6738-42	16.4	65
141	Sequential Functionalization of the Channel Entrances of Zeolite L Crystals. <i>Angewandte Chemie</i> , 2004 , 116, 6906-6910	3.6	23
140	Energy transfer from dye-zeolite L antenna crystals to bulk silicon. <i>ChemPhysChem</i> , 2004 , 5, 239-42	3.2	54
139	Gold-colloid-modified AgCl photocatalyst for water oxidation to O ₂ . <i>ChemPhysChem</i> , 2004 , 5, 720-4	3.2	38
138	Monolayers of zeolite A containing luminescent silver sulfide clusters. <i>ChemPhysChem</i> , 2004 , 5, 1593-6	3.2	48
137	Electronic and vibrational properties of fluorenone in the channels of zeolite L. <i>Chemistry - A European Journal</i> , 2004 , 10, 2391-408	4.8	40
136	Injecting electronic excitation energy into an artificial antenna system through an Ru ²⁺ complex. <i>Chemistry - A European Journal</i> , 2004 , 10, 5771-5	4.8	58
135	Molecular sieves as host materials for supramolecular organization. <i>Microporous and Mesoporous Materials</i> , 2004 , 72, 1-23	5.3	137
134	Selective Modification of the Channel Entrances of Zeolite L with Triethoxysilylated Coumarin. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 16348-16352	3.4	31
133	Water splitting with silver chloride photoanodes and amorphous silicon solar cells. <i>Photochemical and Photobiological Sciences</i> , 2004 , 3, 1017-25	4.2	40

132	Electronic Structure of Zeolite-Stabilized Ions and Quantum Dots 2003 , 424-450		
131	Excitation Energy Migration in a Photonic Dye-Zeolite Antenna: Computational Techniques. <i>Journal of Computational Methods in Sciences and Engineering</i> , 2003 , 3, 395-402	0.3	2
130	Electronic excitation energy migration in a photonic dye-zeolite antenna. <i>ChemPhysChem</i> , 2003 , 4, 567-572	3.7	43
129	Wirt-Gast-Antennenmaterialien. <i>Angewandte Chemie</i> , 2003 , 115, 3860-3888	3.6	118
128	Host-guest antenna materials. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 3732-58	16.4	441
127	Gold-loaded zeolite A. <i>Microporous and Mesoporous Materials</i> , 2003 , 66, 15-20	5.3	21
126	Phenoxazine dyes in zeolite L, synthesis and properties. <i>Microporous and Mesoporous Materials</i> , 2003 , 65, 233-242	5.3	60
125	The electronic structure of Cu ⁺ , Ag ⁺ , and Au ⁺ zeolites. <i>Chemical Society Reviews</i> , 2003 , 32, 29-37	58.5	70
124	Luminescence properties of Ag ₂ S and Ag ₄ S ₂ in zeolite A. <i>Journal of Materials Chemistry</i> , 2003 , 13, 1969-1977		37
123	The band structures of the silver halides AgF, AgCl, and AgBr: A comparative study. <i>Photochemical and Photobiological Sciences</i> , 2003 , 2, 398	4.2	108
122	Introduction to Basic Terms of Band Structures. <i>Journal of Chemical Education</i> , 2003 , 80, 1221	2.4	7
121	Abfangen und Einspeisen von Energie in Farbstoff-Zeolith-Nanoantennen. <i>Angewandte Chemie</i> , 2002 , 114, 2389-2392	3.6	32
120	Eingeschlossene Lanthanoide als lumineszierende Materialien. <i>Angewandte Chemie</i> , 2002 , 114, 2607-2608	3.6	16
119	Electronic properties of the silver-silver chloride cluster interface. <i>Chemistry - A European Journal</i> , 2002 , 8, 1785-94	4.8	81
118	Trapping energy from and injecting energy into dye-zeolite nanoantennae. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 2284-8	16.4	86
117	Encapsulated lanthanides as luminescent materials. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 2495-7	16.4	181
116	Synthesis of new molecules containing head, spacer, and label moieties. <i>Journal of Organic Chemistry</i> , 2002 , 67, 6705-10	4.2	22
115	The Silver Chloride Photoanode in Photoelectrochemical Water Splitting. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 12764-12775	3.4	87

114	Photonic antenna system for light harvesting, transport and trapping. <i>Journal of Materials Chemistry</i> , 2002 , 12, 1-13		133
113	Luminescent Silver Sulfide Clusters. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 3770-3777	3.4	88
112	Zeit- and ortsaufgelöste Lumineszenz einer photonischen Farbstoff-Zeolith-Antenne. <i>Angewandte Chemie</i> , 2001 , 113, 2921-2924	3.6	16
111	Time- and Space-Resolved Luminescence of a Photonic Dye-Zeolite Antenna. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 2839-2842	16.4	75
110	Formation of Mixed Layers Derived from Functional Silicon Oxide Clusters on Gold. <i>Langmuir</i> , 2001 , 17, 7879-7885	4	9
109	Orientation of Fluorescent Dyes in the Nano Channels of Zeolite L. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 25-35	3.4	104
108	Dye-loaded zeolite L sandwiches as artificial antenna systems for light transport. <i>Chemistry - A European Journal</i> , 2000 , 6, 3456-70	4.8	89
107	Intrazeolite diffusion kinetics of dye molecules in the nanochannels of zeolite L, monitored by energy transfer. <i>ChemPhysChem</i> , 2000 , 1, 211-7	3.2	34
106	Playing with dye molecules at the inner and outer surface of zeolite L. <i>Solid State Sciences</i> , 2000 , 2, 421-447	3.4	73
105	Colors of Ag ⁺ -Exchanged Zeolite A. <i>Journal of Physical Chemistry A</i> , 2000 , 104, 7473-7483	2.8	73
104	Photocatalytic oxidation of water to O ₂ on AgCl-coated electrodes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1999 , 120, 105-117	4.7	48
103	Wissenschaft aktuell. <i>Chemie in Unserer Zeit</i> , 1999 , 33, 228-233	0.2	
102	Monosubstituted octasilasesquioxanes. <i>Applied Organometallic Chemistry</i> , 1999 , 13, 213-226	3.1	102
101	Silver Chloride Clusters and Surface States. <i>Journal of Physical Chemistry B</i> , 1999 , 103, 5622-5630	3.4	31
100	Oxidation Numbers. <i>Journal of Chemical Education</i> , 1999 , 76, 362	2.4	18
99	Quantum-Sized Silver Sulfide Clusters in Zeolite A. <i>Journal of Physical Chemistry B</i> , 1999 , 103, 6397-6399	3.4	60
98	Characterization of Methyl Viologen in the Channels of Zeolite L. <i>Journal of Physical Chemistry B</i> , 1999 , 103, 3340-3351	3.4	56
97	Particle Distribution in a Microporous Material. <i>Journal of Physical Chemistry B</i> , 1999 , 103, 18-26	3.4	13

96	Fast Energy Migration in Pyronine-Loaded Zeolite L Microcrystals. <i>Journal of Physical Chemistry B</i> , 1999 , 103, 1250-1257	3.4	51
95	Die gelbe Farbe von silberhaltigem Zeolith A. <i>Angewandte Chemie</i> , 1998 , 110, 1603-1606	3.6	14
94	The Yellow Color of Silver-Containing Zeolite A. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 1521-1524	16.4	76
93	Sorption properties of Mo(CO) ₆ on thin Y-zeolite layers. <i>Microporous and Mesoporous Materials</i> , 1998 , 21, 59-66	5.3	10
92	Transfer of Electronic Excitation Energy between Dye Molecules in the Channels of Zeolite L. <i>Journal of Physical Chemistry B</i> , 1998 , 102, 2433-2436	3.4	47
91	Resorufin in the Channels of Zeolite L. <i>Journal of Physical Chemistry B</i> , 1998 , 102, 2923-2929	3.4	32
90	Energy Migration in Dye-Loaded Hexagonal Microporous Crystals. <i>Journal of Physical Chemistry B</i> , 1997 , 101, 1396-1408	3.4	58
89	Electronic Transition Oscillator Strengths in Solids: An Extended Hückel Tight-Binding Approach. <i>Journal of Physical Chemistry B</i> , 1997 , 101, 5664-5674	3.4	6
88	Vibrational Structure of Monosubstituted Octahydrosilasesquioxanes. <i>Journal of Physical Chemistry B</i> , 1997 , 101, 4925-4933	3.4	43
87	Vibrations of H ₈ Si ₈ O ₁₂ , D ₈ Si ₈ O ₁₂ , and H ₁₀ Si ₁₀ O ₁₅ As Determined by INS, IR, and Raman Experiments. <i>Journal of Physical Chemistry B</i> , 1997 , 101, 1171-1179	3.4	56
86	At the time he made the first photographs on paper: Did Henry Fox Talbot oxidize water to oxygen with sunlight?. <i>Catalysis Today</i> , 1997 , 39, 145-157	5.3	15
85	Artificial antenna systems. <i>Journal of Chemical Sciences</i> , 1997 , 109, 429-446	1.8	3
84	Photochemical water oxidation to oxygen at the solid/gas interface of AgCl on zeolite A. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1997 , 109, 47-52	4.7	16
83	Photocatalytic oxidation of water to O ₂ on AgCl-coated electrodes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1997 , 109, 87-89	4.7	14
82	Vibrations of Monosubstituted Octasilasesquioxanes 1997 , 493-496		2
81	Limits of the in Situ Synthesis of Tris(2,2-Bipyridine)ruthenium(II) in the Supercages of Zeolite Y. <i>Inorganic Chemistry</i> , 1996 , 35, 3514-3518	5.1	67
80	Thin Mo(CO) ₆ -zeolite layers: preparation and in situ transmission FTIR spectroscopy. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996 , 92, 1633-1637		18
79	Ring-Opening Vibrations of Spherosiloxanes. <i>The Journal of Physical Chemistry</i> , 1996 , 100, 2035-2044		82

78	The monophenylhydrosilasesquioxanes $\text{PhHn}\text{Si}_n\text{O}_{1.5n}$ where $n = 8$ or 10 . <i>Journal of the Chemical Society Dalton Transactions</i> , 1996 , 3313-3322		18
77	The Band Structure of Diamond. <i>The Journal of Physical Chemistry</i> , 1996 , 100, 11122-11124		35
76	Photochemical oxidation of water with thin AgCl layers. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1996 , 95, 175-180	4.7	38
75	In situ attenuated total reflection FTIR investigations of H_2O , HSiCl_3 and $\text{Co}_2(\text{CO})_8$ on ZnSe in the range $600\text{--}1000\text{ cm}^{-1}$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1996 , 52, 23-28	4.4	11
74	Photochemical oxidation of water and electrochemistry of silver chloride complexes occluded in zeolite A. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1995 , 87, 81-84	4.7	15
73	Size quantization and surface states of molybdenum sulphide clusters: a molecular orbital approach. <i>Chemical Physics</i> , 1995 , 201, 141-150	2.3	8
72	Dye molecules in zeolites as artificial antenna. <i>Solar Energy Materials and Solar Cells</i> , 1995 , 38, 175-186	6.4	24
71	Molecular Geometries by the Extended-Hueckel Molecular Orbital Method: A Comment. <i>The Journal of Physical Chemistry</i> , 1995 , 99, 3895-3897		4
70	Silver-Zeolite-Modified Electrodes: An Intrazeolite Electron Transport Mechanism. <i>The Journal of Physical Chemistry</i> , 1995 , 99, 2119-2126		81
69	Methyl viologen-zeolite electrodes: intrazeolite charge transfer. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 1313-1314		35
68	Electronic Transition Oscillator Strength by the Extended Hueckel Molecular Orbital Method. <i>The Journal of Physical Chemistry</i> , 1995 , 99, 12141-12150		51
67	Correlation of the vibrational structure of $\text{H}_8\text{Si}_8\text{O}_{12}$ and $\text{H}_{10}\text{Si}_{10}\text{O}_{15}$. <i>Vibrational Spectroscopy</i> , 1995 , 8, 305-308	2.1	16
66	Cationic dye molecules in zeolite L as artificial antenna. <i>Journal of Chemical Sciences</i> , 1995 , 107, 753	1.8	4
65	$\text{H}_8\text{Si}_8\text{O}_{12}$: A model for the vibrational structure of zeolite A. <i>The Journal of Physical Chemistry</i> , 1994 , 98, 2817-2831		103
64	Copper-zeolite-modified electrodes: An intrazeolite ion transport mechanism. <i>Journal of Electroanalytical Chemistry</i> , 1994 , 377, 163-175	4.1	52
63	Structural and vibrational properties of the octanuclear silasesquioxane $\text{C}_6\text{H}_{13}(\text{H}_7\text{Si}_8\text{O}_{12})$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994 , 3123-3128		26
62	Vibrational Structure of Zeolite A. <i>Studies in Surface Science and Catalysis</i> , 1994 , 2089-2098	1.8	2
61	Synthesis and crystal structure of $[\text{Co}(\text{CO})_4(\text{H}_7\text{Si}_8\text{O}_{12})]$. A new type of monosubstituted octanuclear silasesquioxane with a silicon-cobalt bond. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993 , 3741-3748		28

60	Geometry optimization of organometallic compounds using a modified extended-Hueckel formalism. <i>The Journal of Physical Chemistry</i> , 1993 , 97, 3722-3727		22
59	X-ray diffraction study of the molecular structure of a spherohydridosilasesquioxane, H ₁₀ Si ₁₀ O ₁₅ , a flexible assembly of rigid tetrahedra. <i>Inorganic Chemistry</i> , 1993 , 32, 4914-4919	5-1	33
58	Silver zeolite 4A modified electrodes: intrazeolite effect. <i>Journal of the Chemical Society Chemical Communications</i> , 1993 , 1430		30
57	Molecular Geometries by the Extended-Hückel Molecular Orbital method II: Hydrocarbons and organic molecules containing O, N, and S. <i>Helvetica Chimica Acta</i> , 1993 , 76, 924-951	2	31
56	Molecular Geometries by the Extended-Hückel Molecular Orbital Method III: Band-structure calculations. <i>Helvetica Chimica Acta</i> , 1993 , 76, 2350-2355	2	10
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