

Univ-Prof Dr Hubert Huppertz

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.

259
papers

4,117
citations

33
h-index

53
g-index

329
ext. papers

4,685
ext. citations

3.2
avg, IF

5.83
L-index

#	Paper	IF	Citations
259	On the Reduction of MoO ₃ to MoO ₂ : A Path to Control the Particle Size and Morphology. <i>Chemistry - A European Journal</i> , 2021 , 27, 18141	4.8	1
258	High-pressure synthesis of REB ₅ O ₈ (OH) ₂ (RE = Ho, Er, Tm). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2021 , 76, 71-77	1	
257	Polymorphs of the Gadolinite-Type Borates ZrB ₃ O ₇ and HfB ₃ O ₇ Under Extreme Pressure. <i>Chemistry - A European Journal</i> , 2021 , 27, 6007-6014	4.8	2
256	Paving the Way to the First Functional Hybrid Materials. <i>Chemistry of Materials</i> , 2021 , 33, 3757-3766	9.6	3
255	Coexistence of Two Different Distorted Octahedral [MnF ₆] Sites in K ₂ [MnF ₆]: Manifestation in Spectroscopy and Magnetism. <i>Chemistry - A European Journal</i> , 2021 , 27, 9801-9813	4.8	5
254	Modulating the Optical Characteristics of Spiropyran@Metal-Organic Framework Composites as a Function of Spiropyran Substitution. <i>Langmuir</i> , 2021 , 37, 7834-7842	4	2
253	Rb[Li ₂ Si ₂ O ₇] - A Latecomer in the Family of Alkali Lithosilicates Hiding a Green-Emitting Lithosilicate. <i>Chemistry - A European Journal</i> , 2021 , 27, 11701-11706	4.8	1
252	Eckenverknüpfung von drei (BO ₄)-Tetraedern in einem Borosulfat: Synthese, Kristallstruktur und quantenchemische Untersuchung von Sr[B ₃ O(SO ₄) ₄ (SO ₄ H)]. <i>Angewandte Chemie</i> , 2021 , 133, 19892-19896	3.6	2
251	Structural, dynamical, and photochemical properties of -tetrafluoroazobenzene inside a flexible MOF under visible light irradiation.. <i>RSC Advances</i> , 2021 , 11, 3917-3930	3.7	6
250	Crystal Structure of c-M5B12O ₂₅ (OH) (M=Al, Al/Ga, Ga/In) Three Disordered Cubic Triclinic Borates Synthesized under High-Pressure Conditions. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 1165-1174	2.3	0
249	Triple-Vertex Linkage of (BO ₄)-Tetrahedra in a Borosulfate: Synthesis, Crystal Structure, and Quantum-Chemical Investigation of Sr[B ₃ O(SO ₄)(SO ₄ H)]. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 19740-19743	16.4	3
248	The First High-Pressure Chromium Oxonitridoborate CrB ₃ O ₆ N - an Unexpected Link to Nitridosilicate Chemistry. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 21801-21806	16.4	3
247	Das erste Hochdruck-Chromoxonitridoborat CrB ₄ O ₆ N - ein unerwartetes Bindeglied zur Chemie der Nitridosilikate. <i>Angewandte Chemie</i> , 2021 , 133, 21972-21977	3.6	
246	Syntheses and Characterization of the Mixed-Valent Manganese(II/III) Fluorides MnF ₂ and MnF ₃ . <i>Inorganic Chemistry</i> , 2021 , 60, 12651-12663	5.1	
245	KLiSiF ₆ and CsLiSiF ₆ [A Structure Investigation. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 62-70	2.3	2
244	The Crystal Structure of MnF ₃ Revisited. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020 , 646, 882-888	1.3	2
243	Ni[B ₃ (SO ₄) ₂] and Co[B ₃ (SO ₄) ₂]: Unveiling Systematic Trends in Phyllosilicate Analogue Borosulfates. <i>Chemistry - A European Journal</i> , 2020 , 26, 17405-17415	4.8	7

242	Serendipitous formation of K ₁₅ NaSn ₅ F ₃₆ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2020 , 75, 309-315	1	
241	Synthesis and characterization of K ₅ Sn ₂ O ₇ F ₁₁ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2020 , 75, 83-90	1	1
240	La B O (OH): The First Acentric High-Pressure Borate Displaying Edge-Sharing BO Tetrahedra. <i>Chemistry - A European Journal</i> , 2020 , 26, 6851-6861	4.8	11
239	High-Pressure Synthesis of the Acentric Borate DyB ₅ O ₈ (OH) ₂ . <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 370-376	2.3	2
238	Borosulfates-Synthesis and Structural Chemistry of Silicate Analogue Compounds. <i>Chemistry - A European Journal</i> , 2020 , 26, 7966-7980	4.8	18
237	Elastic and thermal properties of W ₇ Re ₁₃ B and synthesis of a new ternary phase W _{1.3} Re _{2.7} B ₂ . <i>Solid State Sciences</i> , 2020 , 105, 106211	3.4	1
236	Synthesis and crystal structures of two 1,3-di(alk-yloxy)-2-(methyl-sulfan-yl)imidazolium tetra-fluorido-borates. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 552-556	0.7	1
235	High-pressure synthesis and crystal structure of HP-Al ₂ B ₃ O ₇ (OH). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2020 , 75, 975-981	1	1
234	Elucidating the physical properties of the molybdenum oxide Mo ₄ O ₁₁ and its tantalum substituted variant Mo ₂ Ta ₂ O ₁₁ . <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2020 , 235, 143-155	1	2
233	Al ₅ B ₁₂ O ₂₅ (OH) and Ga ₄ InB ₁₂ O ₂₅ (OH) Two additional triel borates with the structure type M ₅ B ₁₂ O ₂₅ (OH) (M = Ga, In). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2020 , 75, 605-613	1	1
232	High-pressure synthesis and characterization of the non-centrosymmetric scandium borate ScB ₆ O ₉ (OH) ₃ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2020 , 75, 597-603	1	
231	K ₂ SnOF ₄ and K ₂ WO ₃ F ₂ Different but similar. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2020 , 75, 833-841	1	1
230	High-pressure synthesis and crystal structure of the samarium meta-oxoborate Sm(BO ₂) ₃ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2020 , 75, 589-595	1	
229	Syntheses and crystal structures of the manganese hydroxide halides Mn ₅ (OH) ₆ Cl ₄ , Mn ₅ (OH) ₇ I ₃ , and Mn ₇ (OH) ₁₀ I ₄ . <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2020 , 235, 375-389	1	0
228	A Double-Band Emitter with Ultranarrow-Band Blue and Narrow-Band Green Luminescence. <i>Chemistry - A European Journal</i> , 2020 , 26, 2204-2210	4.8	10
227	Novel Photoactive Spirooxazine Based Switch@MOF Composite Materials. <i>ChemPhotoChem</i> , 2020 , 4, 195-206	3.3	17
226	Development of High NIR-Reflective Red Li ₂ MnO ₃ Pigments. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020 , 646, 1722-1729	1.3	2
225	High fatigue resistance of a photochromic dithienylethene embedded into the pores of a metal-organic framework (MOF). <i>Photochemical and Photobiological Sciences</i> , 2020 , 19, 1730-1740	4.2	5

224	Synthesis of non-toxic inorganic blue pigments in the melilite-type structure. <i>Materials Advances</i> , 2020 , 1, 2293-2299	3.3	
223	SrAlLiON:Eu (0.12 \square 0.66)-Tunable Luminescence in an Oxonitride Phosphor. <i>Inorganic Chemistry</i> , 2019 , 58, 12146-12151	5.1	9
222	RE(BO ₂) ₃ is a new member of the RE(BO ₂) ₃ (RE=Y, Nd, Sm, Gd-Lu) structure family. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2019 , 74, 685-692	1	5
221	Polymorphs and derivatives of Sr ₂ LiAlO ₄ :Eu ²⁺ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2019 , 74, 765-772	1	4
220	Synthetic and Structural Investigations on the System Na _{1-x} Eu _x [Li _{3-2x} Si _{1-x} Al _{3x} O _{4-4x} N _{4x}]. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2958-2963	2.3	5
219	Sr[LiAlON]:Eu-A high performance red phosphor to brighten the future. <i>Nature Communications</i> , 2019 , 10, 1824	17.4	162
218	HF-Free Synthesis of LiSiF:Mn: A Red-Emitting Phosphor. <i>Inorganic Chemistry</i> , 2019 , 58, 5518-5523	5.1	23
217	High-pressure synthesis and crystal structure of the mixed-cation borate Ga ₄ In ₄ B ₁₅ O ₃₃ (OH) ₃ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2019 , 74, 357-363	1	2
216	Serendipitous formation and characterization of K ₂ [Pd(NO ₃) ₄] \cdot 2HNO ₃ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2019 , 74, 381-387	1	
215	RE[B(SO)] (RE = Y, La-Nd, Sm, Eu, Tb-Lu): a silicate-analogous host structure with weak coordination behaviour. <i>Dalton Transactions</i> , 2019 , 48, 4387-4397	4.3	19
214	UF and the High-Pressure Polymorph HP-UF. <i>Chemistry - A European Journal</i> , 2019 , 25, 7366-7374	4.8	
213	Synthesis and Characterization of the Tin Iodide Borate Sn[BO] ₄ . <i>Inorganic Chemistry</i> , 2019 , 58, 6088-6094	3.1	9
212	Environmentally benign inorganic red pigments based on tetragonal Bi ₂ O ₃ . <i>Dyes and Pigments</i> , 2019 , 160, 9-15	4.6	12
211	K ₃ WOF ₇ :Mn ⁴⁺ - A red oxyfluoride phosphor. <i>Journal of Fluorine Chemistry</i> , 2019 , 226, 109356	2.1	8
210	Structure and Properties of the Non-Centrosymmetric Manganese(II) Borate Mn ₅ (BO ₃) ₃ OH. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 3854-3862	2.3	
209	RbKLi ₂ [Li ₃ SiO ₄] ₄ :Eu ²⁺ an ultra narrow-band phosphor. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2019 , 74, 535-546	1	16
208	HF-Free Solid-State Synthesis of the Oxyfluoride Phosphor K ₃ MoOF ₇ :Mn ⁴⁺ . <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 3383-3388	2.3	12
207	Synthetic and Structural Investigations on the System Na _{1-x} Eu _x [Li _{3-2x} Si _{1-x} Al _{3x} O _{4-4x} N _{4x}]. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2957-2957	2.3	

206	Synthesis and Characterization of the Manganese Hydroxide Halides Mn(OH)X (X = Br, I) and Crystal Structure of trans-MnBr ₂ ·H ₂ O. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019 , 645, 919-926	1.3	2
205	Synthesis of the first nickel borate nitrate K ₇ Ni[B ₁₈ O ₂₄ (OH) ₉](NO ₃) ₆ ·(H ₃ BO ₃). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2019 , 74, 757-764	1	4
204	High-Pressure Synthesis, Crystal Structure, and Photoluminescence Properties of Y ₂ B ₄ O ₉ :Eu ³⁺ . <i>Inorganics</i> , 2019 , 7, 136	2.9	
203	M[B ₂ (SO ₄) ₄] (M = Mn, Zn) Syntheses and Crystal Structures of Two New Phyllosilicate Analogue Borosulfates. <i>Inorganics</i> , 2019 , 7, 145	2.9	3
202	High-Pressure Synthesis and Crystal Structure of the Highly Condensed Yttrium Borate YB ₇ O ₁₂ . <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 271-276	2.3	5
201	Synthetic and structural studies on pentafluorobenzylated imidazole systems. <i>Journal of Fluorine Chemistry</i> , 2019 , 218, 51-62	2.1	2
200	A High-Pressure Praseodymium Fluoride Borate Linking Multiple Structural Features of Apatite-Type Compounds. <i>Chemistry - A European Journal</i> , 2019 , 25, 1767-1772	4.8	3
199	Cu[B(SO ₄) ₂] and Cu[B(SO ₄) ₂](HSO ₄) ₂ -Two Silicate Analogue Borosulfates Differing in their Dimensionality: A Comparative Study of Stability and Acidity. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9548-9552	16.4	20
198	The crystal structure of In _{1.2} B ₃ O _{5.6} (OH) _{1.4} . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018 , 233, 733-734	0.2	
197	Compressibility, microcalorimetry, elastic properties and EELS of rhenium borides. <i>Solid State Sciences</i> , 2018 , 81, 71-81	3.4	5
196	Synthesis and Crystal Structure of the Acentric Indium Borate InBO(OH). <i>Inorganic Chemistry</i> , 2018 , 57, 5554-5559	5.1	11
195	Synthesis and characterization of the new tin borate SnB ₈ O ₁₁ (OH) ₄ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2018 , 73, 337-348	1	3
194	(NH ₄)InB ₈ O ₁₄ is a high-pressure borate combining BO ₃ groups with corner- and edge-sharing BO ₄ tetrahedra. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2018 , 73, 919-926	1	4
193	High-Pressure Synthesis of IrB and Determination of the Compressibility of Various Iridium Borides. <i>Inorganic Chemistry</i> , 2018 , 57, 10341-10351	5.1	8
192	Synthesis and Characterization of the First Lead(II) Borosulfate Pb[B ₂ (SO ₄) ₄]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018 , 644, 1702-1706	1.3	9
191	Explorative Synthese von Gallium- und Indiumboraten unter extremen Bedingungen: M ₅ B ₁₂ O ₂₅ (OH): Struktur, Lumineszenz und Berraschende photokatalytische Eigenschaften. <i>Angewandte Chemie</i> , 2018 , 130, 11622-11626	3.6	6
190	Exploration into the Syntheses of Gallium- and Indiumborates under Extreme Conditions: M ₅ B ₁₂ O ₂₅ (OH): Structure, Luminescence, and Surprising Photocatalytic Properties. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11451-11455	16.4	17
189	Synthesis and Characterization of the First Tin Fluoride Borate Sn [B ₂ O ₇]F with Second Harmonic Generation Response. <i>Chemistry - A European Journal</i> , 2018 , 24, 16036-16043	4.8	22

188	Alkali Lithosilicates: Renaissance of a Reputable Substance Class with Surprising Luminescence Properties. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13676-13680	16.4	46
187	The High-Pressure Oxide Tb ₂ O ₃ and its Non-Centrosymmetric Low-Temperature Polymorph-A Comprehensive Study. <i>Chemistry - A European Journal</i> , 2018 , 24, 15236-15245	4.8	8
186	Alkalilithosilikate: Renaissance einer reputablen Substanzklasse mit Berraschenden Lumineszenzeigenschaften. <i>Angewandte Chemie</i> , 2018 , 130, 13865-13869	3.6	10
185	Synthesis, Crystal Structure, and Compressibilities of Mn ₂ IrB ₂ (0x0.5) and Mn ₂ IrB. <i>Chemistry - A European Journal</i> , 2018 , 24, 14679-14685	4.8	3
184	Innentitelbild: Cu[B ₂ (SO ₄) ₄] und Cu[B(SO ₄) ₂ (HSO ₄) ₂] [zwei silicatanaloge Borosulfate unterschiedlicher Dimensionalit�t: Vergleich von Stabilit�t und Azidit�t (Angew. Chem. 30/2018). <i>Angewandte Chemie</i> , 2018 , 130, 9330-9330	3.6	
183	Synthesis and crystal structures of 2-bromo-1,3-di-methyl-imidazolium iodides. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 497-501	0.7	3
182	Further Representatives of the Type RE ₃ [Si ₅ N ₉ O] (RE = Dy, Er, Yb). <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 731-738	2.3	3
181	Synthesis and characterization of the first hydrothermally synthesized tin borate Sn ₂ B ₃ O ₆ (OH). <i>Journal of Solid State Chemistry</i> , 2018 , 258, 410-415	3.3	4
180	Synthesis and Characterization of the First Tin Fluoride Borate Sn ₃ [B ₃ O ₇]F with Second Harmonic Generation Response. <i>Chemistry - A European Journal</i> , 2018 , 24, 15941-15941	4.8	
179	Cu[B ₂ (SO ₄) ₄] und Cu[B(SO ₄) ₂ (HSO ₄) ₂] [zwei silicatanaloge Borosulfate unterschiedlicher Dimensionalit�t: Vergleich von Stabilit�t und Azidit�t. <i>Angewandte Chemie</i> , 2018 , 130, 9693-9697	3.6	12
178	Synthesis and Characterization of the New Manganese Hydroxide Chloride [Mn(OH)Cl]. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4630-4637	2.3	2
177	Short-Range Antiferromagnetic Ordering of Netlike S = 1/2 Linear Trimeric Units in the Copper Germanate KCuGeO. <i>Inorganic Chemistry</i> , 2018 , 57, 14421-14426	5.1	0
176	High-pressure synthesis and crystal structure of In ₃ B ₅ O ₁₂ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017 , 72, 69-76	1	6
175	Synthesis and optical properties of new highly NIR reflective inorganic pigments RE ₆ Mo ₂ O ₁₅ (RE = Tb, Dy, Ho, Er). <i>Dyes and Pigments</i> , 2017 , 140, 22-28	4.6	23
174	Synthesis and structural characterization of Li ₃ Y(BO ₃) ₂ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017 , 72, 153-158	1	3
173	Synthesis and characterization of the alkali borate-nitrates Na _{3-x} K _x [B ₆ O ₁₀]NO ₃ (x=0.5, 0.6, 0.7). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017 , 72, 215-223	1	4
172	Structural Redetermination and Photoluminescence Properties of the Niobium Oxyphosphate (NbO)PO. <i>Inorganic Chemistry</i> , 2017 , 56, 2736-2741	5.1	6
171	Cubic Bixbyite-Structured Phases of Yb ₆ MoO ₁₂ and Y ₆ MoO ₁₂ Prepared by the Solution Combustion Method at Low Temperatures. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 2265-2269	2.3	6

170	Mo ₂ B ₄ O ₉ Connecting Borate and Metal-Cluster Chemistry. <i>Angewandte Chemie</i> , 2017 , 129, 6549-6553	3.6	5
169	Mo B O -Connecting Borate and Metal-Cluster Chemistry. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 6449-6453	16.4	23
168	Titelbild: Mo ₂ B ₄ O ₉ Connecting Borate and Metal-Cluster Chemistry (Angew. Chem. 23/2017). <i>Angewandte Chemie</i> , 2017 , 129, 6443-6443	3.6	
167	Ag[B(SO ₄) ₂] Synthesis, Crystal Structure, and Characterization of the First Precious-Metal Borosulfate. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 3981-3989	2.3	15
166	Synthesis and structural characterization of Li ₃ K ₃ Y ₇ (BO ₃) ₉ . <i>Journal of Solid State Chemistry</i> , 2017 , 253, 242-248	3.3	6
165	Synthesis and Characterization of the High-Pressure Nickel Borate NiBO. <i>Inorganic Chemistry</i> , 2017 , 56, 4217-4228	5.1	17
164	Narrow-Band Red Emission in the Nitridolithoaluminate Sr ₄ [LiAl ₁₁ N ₁₄]:Eu ²⁺ . <i>Chemistry of Materials</i> , 2017 , 29, 1204-1209	9.6	51
163	CaB ₂ S ₂ O ₇ : A Borosulfate Exhibiting a New Structure Type with Phyllosilicate Analogue Topology. <i>Chemistry - A European Journal</i> , 2017 , 23, 16773-16781	4.8	18
162	Hydrothermal synthesis and characterization of the praseodymium borate-nitrate Pr[B ₅ O ₈ (OH)(H ₂ O) _{0.87}]NO ₃ ·2H ₂ O. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017 , 72, 677-685	1	4
161	Front Cover: Ag[B(SO ₄) ₂] Synthesis, Crystal Structure, and Characterization of the First Precious-Metal Borosulfate (Eur. J. Inorg. Chem. 34/2017). <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 3979-3979	2.3	
160	Structure Elucidation and Characterization of the High-Pressure Nickel Borate Hydroxide NiB ₃ O ₅ (OH). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017 , 643, 1344-1350	1.3	9
159	The High-Pressure Nickel Borate Hydrate Ni ₃ B ₁₈ O ₂₈ (OH) ₄ ·4H ₂ O. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 3508-3515	2.3	7
158	Ag[B(SO ₄) ₂] Synthesis, Crystal Structure, and Characterization of the First Precious-Metal Borosulfate. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 3980-3980	2.3	
157	High temperature stable bismuth vanadate composite pigments via vanadyl-exchanged zeolite precursors. <i>Dyes and Pigments</i> , 2017 , 147, 106-112	4.6	9
156	High-Pressure Synthesis and Single-Crystal Structure Elucidation of the Indium Oxide-Borate In ₄ O ₂ B ₂ O ₇ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017 , 643, 2103-2109	1.3	3
155	Synthesis and structural characterization of Li ₃ K ₃ Eu ₇ (BO ₃) ₉ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017 , 72, 959-965	1	2
154	Front Cover: Structure Elucidation and Characterization of the High-Pressure Nickel Borate Hydroxide NiB ₃ O ₅ (OH) (Z. Anorg. Allg. Chem. 21/2017). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017 , 643, 1269-1269	1.3	
153	High-pressure synthesis and crystal structure of Mo ₂ B ₄ O ₉ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017 , 72, 977-982	1	8

152	High-Pressure Synthesis and Characterization of the Ammonium Yttrium Borate (NH)YBO. <i>Inorganic Chemistry</i> , 2017 , 56, 14291-14299	5.1	7
151	Synthesis and characterization of a new high NIR reflective ytterbium molybdenum oxide and related doped pigments. <i>Dyes and Pigments</i> , 2017 , 138, 90-99	4.6	38
150	High-Pressure Synthesis of the First Ternary Melilite-Type Compound Sc _{1.67} B ₃ O ₇ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017 , 643, 1844-1848	1.3	5
149	Y(BO ₂) ₃ is a new member of the Ln(BO ₂) ₃ (Ln=Nd, Sm, Gd, Lu) structure family. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017 , 72, 983-988	1	5
148	Ni ₆ B ₂₂ O ₃₉ ·H ₂ O: Extending the field of nickel borates. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017 , 72, 967-975	1	4
147	Front Cover: High-Pressure Synthesis and Single-Crystal Structure Elucidation of the Indium Oxide-Borate In ₄ O ₂ B ₂ O ₇ (Z. Anorg. Allg. Chem. 24/2017). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017 , 643, 2102-2102	1.3	
146	High-Pressure Methods in Solid-State Chemistry 2017 , 23-48		5
145	1-Vinyl-4-imidazoline-2-thione. <i>IUCrData</i> , 2017 , 2,	0.7	1
144	The High-Pressure Polymorph of Ca ₄ Te ₅ O ₁₄ and the Mixed-Valent Compound Ca ₁₃ Te _{VI} _{2/3} Te _{IV} _{3.75} O ₁₅ (BO ₃) ₄ (OH) ₃ . <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 3574-3579	2.3	5
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131	The Indium Borate $InBO(OH)$ with T2 Supertetrahedra. <i>Inorganic Chemistry</i> , 2016 , 55, 11473-11478	5.1	18
130	Orthorhombic HP-REOF (RE = Pr, Nd, Sm, Gd) High-Pressure Syntheses and Single-Crystal Structures (RE = Nd, Sm, Eu). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016 , 642, 1134-1142	1.3	8
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21	ECaB ₄ O ₇ : A New Polymorph Synthesized under High-Pressure/High-Temperature Conditions. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2003 , 58, 257-265	1	38
20	High-Pressure Preparation, Crystal Structure, and Properties of RE ₄ B ₆ O ₁₅ (RE = Dy, Ho) with an Extension of the Fundamental Building Block-Descriptors. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2003 , 58, 278-290	1	69
19	Multianvil high-pressure/high-temperature preparation, crystal structure, and properties of the new oxoborate E ₂ Nb ₄ O ₇ . <i>Solid State Sciences</i> , 2003 , 5, 281-289	3.4	59
18	High-pressure preparation, crystal structure, and properties of alpha-(RE) ₂ B ₄ O ₉ (RE=Eu, Gd, Tb, Dy): oxoborates displaying a new type of structure with edge-sharing BO ₄ tetrahedra. <i>Chemistry - A European Journal</i> , 2003 , 9, 3623-33	4.8	113
17	High-pressure preparation, crystal structure, and properties of the new rare-earth oxoborate EDy ₂ B ₄ O ₉ . <i>Journal of Solid State Chemistry</i> , 2003 , 170, 320-329	3.3	42
16	Gd ₂ B ₄ O ₉ : Ein weiteres Oxoborat mit kanten-verknüpfen BO ₄ -Tetraedern. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002 , 628, 2165-2165	1.3	41
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12	Multianvil High-Pressure Synthesis And Crystal Structure Of EYbBO ₃ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2001 , 56, 697-703	1	30
11	High temperature syntheses of novel nitrido- and oxonitrido-silicates and sialons using rf furnaces. <i>Journal of Materials Chemistry</i> , 1999 , 9, 289-296		107
10	Ba ₂ Nd ₇ Si ₁₁ N ₂₃ Nitridosilicate with a Zeolite-Analogous Si ₁₁ Structure. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 2651-2652		55
9	Ba ₂ Nd ₇ Si ₁₁ N ₂₃ Ein Nitridosilicat mit zeolithartiger Si-N-Gerüststruktur. <i>Angewandte Chemie</i> , 1997 , 109, 2765-2767	3.6	29

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7	Nitridosilicates-A Significant Extension of Silicate Chemistry. <i>Chemistry - A European Journal</i> , 1997 , 3, 679-683	4.8	158
6	BaYbSi ₄ N ₇ Überraschende strukturelle Möglichkeiten in Nitridosilicaten. <i>Angewandte Chemie</i> , 1996 , 108, 2115-2116	3.6	47
5	BaYbSi ₄ N ₇ Unexpected Structural Possibilities in Nitridosilicates. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 1983-1984		59
4	High-pressure Synthesis and Characterization of the Rare-earth Borate La ₄ B ₁₀ O ₂₁ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 67b, 605-613	1	4
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1	Novel Narrow Band Cyan-Green Phosphor LiK ₇ [Li ₃ SiO ₄] ₈ :Eu ²⁺ with Enhanced Suppression of Second Broad Band Emission. <i>European Journal of Inorganic Chemistry</i> ,	2.3	1