

Christian A Juillerat

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Targeted crystal growth of uranium gallophosphates <i>via</i> the systematic exploration of the $UF_4 \cdot GaPO_4 \cdot Al$ (A = Cs, Rb) phase space. <i>CrystEngComm</i> , 2020, 22, 3020-3032.	2.6	6
2	Structure and stability of alkali gallates structurally reminiscent of hollandite. <i>Journal of the American Ceramic Society</i> , 2020, 103, 6531-6542.	3.8	1
3	Alkali Bromide and Iodide Fluxes for Crystal Growth. <i>Frontiers in Chemistry</i> , 2020, 8, 518.	3.6	25
4	Fluorination and reduction of $CaCrO_3$ by topochemical methods. <i>Dalton Transactions</i> , 2020, 49, 1997-2003.	3.3	3
5	Correction to "Understanding the Polymorphism of $A_4[(UO_2)_3(PO_4)_2O_2]$ (A = Tj, Et, Q, Rg, B, Overlock)	3.0	0
6	Observation of the Same New Sheet Topology in Both the Layered Uranyl Oxide-Phosphate $Cs_{11}[(UO_2)_{12}(PO_4)_3O_{13}]$ and the Layered Uranyl Oxyfluoride-Phosphate $Rb_{11}[(UO_2)_{12}(PO_4)_3O_{12}F_2]$ Prepared by Flux Crystal Growth. <i>Frontiers in Chemistry</i> , 2019, 7, 583.	3.6	12
7	Flux crystal growth of uranium (v) containing oxyfluoride perovskites. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 3203-3214.	6.0	11
8	Flux crystal growth: a versatile technique to reveal the crystal chemistry of complex uranium oxides. <i>Dalton Transactions</i> , 2019, 48, 3162-3181.	3.3	34
9	Discovery of $Cs_2(UO_2)Al_2O_5$ by Molten Flux Methods: A Uranium Aluminate Containing Solely Aluminate Tetrahedra as the Secondary Building Unit. <i>Inorganic Chemistry</i> , 2019, 58, 4099-4102.	4.0	7
10	Understanding the Polymorphism of $A_4[(UO_2)_3(PO_4)_2O_2]$ (A = Tj, Et, Q, Rg, B, Overlock)	3.0	0
11	Crystal Growth and Structure Characterization of Three Layered Uranyl Phosphates and Their Relation to the Phosphuranylite Family. <i>Crystal Growth and Design</i> , 2019, 19, 1183-1189.	3.0	12
12	Overstepping Le Chatelier's Rule: A Route to Unique Aluminophosphate Frameworks with Three-Dimensional Salt-Inclusion and Ion-Exchange Properties. <i>Inorganic Chemistry</i> , 2019, 58, 724-736.	4.0	26
13	A Family of Layered Phosphates Crystallizing in a Rare Geometrical Isomer of the Phosphuranylite Topology: Synthesis, Characterization, and Computational Modeling of $A_4[(UO_2)_3O_2(PO_4)_2]$ (A = Tj, Et, Q, Rg, B, Overlock)	4.0	29
14	Observation of an Unusual Uranyl Cation-Cation Interaction in the Strongly Fluorescent Layered Uranyl Phosphates $Rb_6[(UO_2)_7O_4(PO_4)_4]$ and $Cs_6[(UO_2)_7O_4(PO_4)_4]$. <i>Inorganic Chemistry</i> , 2018, 57, 3675-3678.	4.0	24
15	Understanding the Stability of Salt-Inclusion Phases for Nuclear Waste-forms through Volume-based Thermodynamics. <i>Scientific Reports</i> , 2018, 8, 15294.	3.3	8
16	Versatile Uranyl Germanate Framework Hosting 12 Different Alkali Halide 1D Salt Inclusions. <i>Inorganic Chemistry</i> , 2018, 57, 11606-11615.	4.0	29
17	Function of Tetrahedral ZnS_3O Building Blocks in the Formation of $SrZn_2S_2O$: A Phase Matchable Polar Oxysulfide with a Large Second Harmonic Generation Response. <i>Chemistry of Materials</i> , 2018, 30, 6486-6493.	6.7	64