

# Christian A Juillerat

## List of Publications by Year in descending order

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17  
papers

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citations

933447

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h-index

940533

16  
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docs citations

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times ranked

254  
citing authors

#	ARTICLE	IF	CITATIONS
1	Function of Tetrahedral $ZnS_{3}O$ Building Blocks in the Formation of $SrZn_{2}S_{2}O$ : A Phase Matchable Polar Oxysulfide with a Large Second Harmonic Generation Response. <i>Chemistry of Materials</i> , 2018, 30, 6486-6493.	6.7	64
2	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
3	Versatile Uranyl Germanate Framework Hosting 12 Different Alkali Halide 1D Salt Inclusions. <i>Inorganic Chemistry</i> , 2018, 57, 11606-11615.	4.0	29
4	Overstepping "Lewin'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
5	"Soft" Alkali Bromide and Iodide Fluxes for Crystal Growth. <i>Frontiers in Chemistry</i> , 2020, 8, 518.	3.6	25
6	Observation of an Unusual Uranyl Cation "Cation Interaction in the Strongly Fluorescent Layered Uranyl Phosphates $Rb_{6}[(UO_{2})_{7}O_{4}(PO_{4})_{4}]$ and $Cs_{6}[(UO_{2})_{7}O_{4}(PO_{4})_{4}]$ . <i>Inorganic Chemistry</i> , 2018, 57, 3675-3678.	4.0	24
7	A Family of Layered Phosphates Crystallizing in a Rare Geometrical Isomer of the Phosphuranylite Topology: Synthesis, Characterization, and Computational Modeling of $A_{4}[(UO_{2})_{3}O_{2}(PO_{4})_{2}]$ (A = Tj, ET, Qq, l, d, 0.784314 rgB). <i>Inorganic Chemistry</i> , 2018, 57, 3675-3678.	4.0	20
8	Observation of the Same New Sheet Topology in Both the Layered Uranyl Oxide-Phosphate $Cs_{11}[(UO_{2})_{12}(PO_{4})_{3}O_{13}]$ and the Layered Uranyl Oxyfluoride-Phosphate $Rb_{11}[(UO_{2})_{12}(PO_{4})_{3}O_{12}F_{2}]$ Prepared by Flux Crystal Growth. <i>Frontiers in Chemistry</i> , 2019, 7, 583.	3.6	12
9	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
10	Flux crystal growth of uranium ( $v$ ) containing oxyfluoride perovskites. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 3203-3214.	6.0	11
11	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
12	Discovery of $Cs_{2}(UO_{2})_{2}Al_{2}O_{5}$ 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
13	Understanding the Polymorphism of $A_{4}[(UO_{2})_{3}(PO_{4})_{2}O_{2}]$ (A = Tj, ET, Qq, l, d, 0.784314 rgB). <i>Inorganic Chemistry</i> , 2018, 57, 3675-3678.	4.0	7
14	Targeted crystal growth of uranium gallophosphates <i>via</i> the systematic exploration of the $UF_{4} \cdot GaPO_{4} \cdot ACI$ (A = Cs, Rb) phase space. <i>CrystEngComm</i> , 2020, 22, 3020-3032.	2.6	6
15	Fluorination and reduction of $CaCrO_{3}$ by topochemical methods. <i>Dalton Transactions</i> , 2020, 49, 1997-2003.	3.3	3
16	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
17	Correction to "Understanding the Polymorphism of $A_{4}[(UO_{2})_{3}(PO_{4})_{2}O_{2}]$ (A = Tj, ET, Qq, l, d, 0.784314 rgB). <i>Inorganic Chemistry</i> , 2018, 57, 3675-3678." <i>Inorganic Chemistry</i> , 2018, 57, 4895-4895.	3.0	0