

# Min Wang

## List of Publications by Year in descending order

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11  
papers

139  
citations

1307594

7  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Micro-structure studies of the molten binary $K_3AlF_6$ - $Al_2O_3$ system by <i>in situ</i> high temperature Raman spectroscopy and theoretical simulation. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1861-1868.	6.0	37
2	In-situ studies on the micro-structure evolution of $A_2WO_7$ (A = Li, Na, K) during melting by high temperature Raman spectroscopy and density functional theory. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 185, 188-196.	3.9	18
3	Temperature-dependent Raman spectroscopic studies of microstructure present in dipotassium molybdate crystals and their melts. <i>Journal of Raman Spectroscopy</i> , 2016, 47, 1259-1265.	2.5	17
4	Raman Spectroscopic Study of Coal Samples during Heating. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4699.	2.5	17
5	<i>In situ</i> high temperature Raman spectroscopic studies of the vibrational characteristics and microstructure evolution of sodium tungstate dihydrate crystal during heating and melting. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 1693-1705.	2.5	15
6	Quantitative Studies on the Structure of Molten Binary Potassium Molybdates by <i>in situ</i> Raman Spectroscopy and Quantum Chemistry <i>ab initio</i> Calculations. <i>Analytical Chemistry</i> , 2018, 90, 9085-9092.	6.5	11
7	Quantitative studies on the structure of $xCaO \cdot (1-x)SiO_2$ glasses and melts by <i>in-situ</i> Raman spectroscopy, $^{29}Si$ MAS NMR and quantum chemistry <i>ab initio</i> calculation. <i>Journal of Non-Crystalline Solids</i> , 2020, 546, 120252.	3.1	10
8	In-Situ Studies of Structure Transformation and Al Coordination of $KAl(MoO_4)_2$ during Heating by High Temperature Raman and $^{27}Al$ NMR Spectroscopies. <i>Materials</i> , 2017, 10, 310.	2.9	6
9	Room temperature Raman spectroscopy and $^{29}Si$ MAS NMR combined with high temperature Raman spectroscopy and DFT calculation of $xMgO \cdot (1-x)CaO \cdot SiO_2$ glasses and melts. <i>Ceramics International</i> , 2022, 48, 4911-4920.	4.8	5
10	Fine structures and their impacts on the characteristic Raman spectra of molten binary alkali tungstates. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 1452-1461.	2.5	3
11	Temperature-Dependent Raman Spectroscopic Study of the Double Molybdate $KBi(MoO_4)_2$ . <i>Materials</i> , 2020, 13, 5453.	2.9	0