

# Ryan Stewart McWilliams

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4181950/publications.pdf>

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8  
papers

163  
citations

1478505

6  
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1720034

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g-index

8  
all docs

8  
docs citations

8  
times ranked

269  
citing authors

#	ARTICLE	IF	CITATIONS
1	X-ray Free Electron Laser-Induced Synthesis of $\hat{\mu}$ -Iron Nitride at High Pressures. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 3246-3252.	4.6	14
2	X-ray free electron laser heating of water and gold at high static pressure. <i>Communications Materials</i> , 2021, 2, .	6.9	9
3	Thermomechanical response of thickly tamped targets and diamond anvil cells under pulsed hard x-ray irradiation. <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	16
4	Intense Reactivity in Sulfur-Hydrogen Mixtures at High Pressure under X-ray Irradiation. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 1828-1834.	4.6	11
5	Viscosity measurement from microscale convection at high pressure and temperature. <i>Physical Review B</i> , 2020, 101, .	3.2	1
6	Shock-wave study of the metallization of alkali halides up to 400 GPa. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
7	Metallization and molecular dissociation of dense fluid nitrogen. <i>Nature Communications</i> , 2018, 9, 2624.	12.8	38
8	Optical Properties of Fluid Hydrogen at the Transition to a Conducting State. <i>Physical Review Letters</i> , 2016, 116, 255501.	7.8	74