

# Edward J Pace

## List of Publications by Year in descending order

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17  
papers

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citations

1163117

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times ranked

253  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural phase transitions in yttrium up to 183 GPa. <i>Physical Review B</i> , 2020, 102, .	3.2	22
2	Novel experimental setup for megahertz X-ray diffraction in a diamond anvil cell at the High Energy Density (HED) instrument of the European X-ray Free-Electron Laser (EuXFEL). <i>Journal of Synchrotron Radiation</i> , 2021, 28, 688-706.	2.4	21
3	Synthesis and stability of hydrogen selenide compounds at high pressure. <i>Journal of Chemical Physics</i> , 2017, 147, 184303.	3.0	18
4	Properties and phase diagram of $\text{H}_2$ . <i>Physical Review B</i> , 2020, 101, .	3.2	14
5	High-pressure structural systematics in samarium up to 222 GPa. <i>Physical Review B</i> , 2020, 101, .	3.2	14
6	X-ray Free Electron Laser-Induced Synthesis of $\mu$ -Iron Nitride at High Pressures. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 3246-3252.	4.6	14
7	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
8	X-ray free electron laser heating of water and gold at high static pressure. <i>Communications Materials</i> , 2021, 2, .	6.9	9
9	High-pressure structural systematics in neodymium up to 302 GPa. <i>Physical Review B</i> , 2021, 103, .	3.2	8
10	Efficient and chromatography-free methodology for the modular synthesis of oligo-(1 H) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (-) 895-898.	1.4	6
11	Absence of moment fragmentation in the mixed $\text{B}_2\text{O}_3$ -site pyrochlore $\text{Nd}_2\text{V}_2\text{O}_{10}$ . <i>Physical Review B</i> , 2021, 103, .	3.2	6
12	Pressure-induced bcc-rhombohedral phase transition in vanadium metal. <i>Physical Review B</i> , 2021, 103, .	3.2	5
13	Behavior of rubidium at over eightfold static compression. <i>Physical Review B</i> , 2021, 103, .	3.2	5
14	Structural study of the pressure-induced metal-insulator transition in $\text{Li}_2\text{V}_2\text{O}_4$ . <i>Physical Review Materials</i> , 2020, 4, .	2.4	5
15	Comment on "Synthesis and properties of selenium trihydride at high pressures". <i>Physical Review B</i> , 2018, 98, .	3.2	2
16	Structures of lithium-zinc compounds at high pressures. <i>Journal of Chemical Physics</i> , 2018, 149, 024306.	3.0	2
17	High-pressure structure of praseodymium revisited: In search of a uniform structural phase sequence for the lanthanide elements. <i>Physical Review B</i> , 2022, 105, .	3.2	2