

# Franz Peter Lang

## List of Publications by Year in descending order

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15  
papers

227  
citations

1478505

6  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

271  
citing authors

#	ARTICLE	IF	CITATIONS
1	Calculation of the Fermi energy and bulk modulus of metals. Bulletin of Materials Science, 2022, 45, .	1.7	1
2	Fermi energy, metals and the drift velocity of electrons. Chemical Physics Letters, 2021, 770, 138447.	2.6	8
3	Applying the soft sphere model to improve the understanding of bonding in transition metals. Heliyon, 2020, 6, e03110.	3.2	3
4	Is a Metal $\hat{=}$ Ions in a Sea of Delocalized Electrons? Journal of Chemical Education, 2018, 95, 1787-1793.	2.3	5
5	An investigation into some important properties of transition metals (densities, resistivities,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 11 690, 5-13.	2.6	5
6	An equation to calculate internuclear distances of covalent, ionic and metallic lattices. Physical Chemistry Chemical Physics, 2015, 17, 3355-3369.	2.8	17
7	Electronegativity effects and single covalent bond lengths of molecules in the gas phase. Dalton Transactions, 2014, 43, 8016-8025.	3.3	27
8	Methods of Calculating Ionization Energies of Multielectron (Five or More) Isoelectronic Atomic Ions. Scientific World Journal, The, 2013, 2013, 1-10.	2.1	3
9	Relativistic Corrections for Calculating Ionization Energies of One- to Five-Electron Isoelectronic Atomic Ions. ISRN Inorganic Chemistry, 2013, 2013, 1-10.	0.2	3
10	Ionic radii for Group 1 and Group 2 halide, hydride, fluoride, oxide, sulfide, selenide and telluride crystals. Dalton Transactions, 2010, 39, 7786.	3.3	80
11	A simple formula to calculate the ionization energies of two-, three-, and four-electron atomic ions. Die Naturwissenschaften, 2010, 97, 689-696.	1.6	3
12	Ionization Energies of Lanthanides. Journal of Chemical Education, 2010, 87, 875-881.	2.3	29
13	Ionization Energies of Atoms and Atomic Ions. Journal of Chemical Education, 2003, 80, 938.	2.3	38
14	Ionisation energies of two-electron atoms. Journal of the Chemical Society, Faraday Transactions 2, 1984, 80, 1089.	1.1	2
15	Ionisation potentials of one-electron atoms. Inorganic and Nuclear Chemistry Letters, 1981, 17, 27-29.	0.7	3