Markus Janousch

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/12073835/publications.pdf

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11	940	933447 10	1281871 11
papers	citations	h-index	g-index

11	11	11	1783
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A compact and cost-effective hard X-ray free-electron laser driven by a high-brightness and low-energy electron beam. Nature Photonics, 2020, 14, 748-754.	31.4	140
2	SwissFEL: The Swiss X-ray Free Electron Laser. Applied Sciences (Switzerland), 2017, 7, 720.	2.5	272
3	X-ray absorption spectroscopy with time-tagged photon counting: application to study the structure of a Co(i) intermediate of H2 evolving photo-catalyst. Faraday Discussions, 2014, 171, 259-273.	3.2	37
4	Bonding and Charge Transfer in Nitrogen-Donor Uranyl Complexes: Insights from NEXAFS Spectra. Inorganic Chemistry, 2014, 53, 11415-11425.	4.0	15
5	Toward Equatorial Planarity about Uranyl: Synthesis and Structure of Tridentate Nitrogen-Donor {UO₂}²⁺ Complexes. Inorganic Chemistry, 2014, 53, 2506-2515.	4.0	17
6	High energy resolution off-resonant spectroscopy at sub-second time resolution: (Pt(acac)2) decomposition. Chemical Communications, 2012, 48, 10898.	4.1	48
7	The irreversible formation of palladium carbide during hydrogenation of 1-pentyne over silica-supported palladium nanoparticles: in situ Pd K and L3 edge XAS. Physical Chemistry Chemical Physics, 2012, 14, 5761.	2.8	73
8	A high-repetition rate scheme for synchrotron-based picosecond laser pump/x-ray probe experiments on chemical and biological systems in solution. Review of Scientific Instruments, 2011, 82, 063111.	1.3	103
9	The roles of carbide and hydride in oxide-supported palladium nanoparticles for alkyne hydrogenation. Journal of Catalysis, 2011, 283, 45-54.	6.2	102
10	A Comparison of 4f vs5fMetalâ^'Metal Bonds in (CpSiMe₃)₃Mâ^'ECp* (M = Nd, U; E = Al, Ga; Cp* = C₅Me₅): Synthesis, Thermodynamics, Magnetism, and Electronic Structure. Journal of the American Chemical Society, 2009, 131, 13767-13783.	13.7	131
11	Scanning Transmission X-ray Spectromicroscopy of Actinide Complexes. Materials Research Society Symposia Proceedings, 2008, 1104, 1.	0.1	2