

Wolfgang Hofmeister

List of Publications by Year in descending order

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516710

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times ranked

2357
citing authors

#	ARTICLE	IF	CITATIONS
1	Apex Resection in Zebrafish (<i>Danio rerio</i>) as a Model of Heart Regeneration: A Video-Assisted Guide. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5865.	4.1	2
2	A Systematic Exposition of Methods used for Quantification of Heart Regeneration after Apex Resection in Zebrafish. <i>Cells</i> , 2020, 9, 548.	4.1	4
3	Corundum Anorthosites-Kyshtymites from the South Urals, Russia: A Combined Mineralogical, Geochemical, and U-Pb Zircon Geochronological Study. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 234.	2.0	7
4	Further support linking the 22q11.2 microduplication to an increased risk of bladder exstrophy and highlighting LZTR1 as a candidate gene. <i>Molecular Genetics & Genomic Medicine</i> , 2019, 7, e666.	1.2	9
5	Zebrafish Models of Neurodevelopmental Disorders: Limitations and Benefits of Current Tools and Techniques. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1296.	4.1	72
6	A morphogenetic EphB/EphrinB code controls hepatopancreatic duct formation. <i>Nature Communications</i> , 2019, 10, 5220.	12.8	14
7	Targeted copy number screening highlights an intragenic deletion of <i>WDR63</i> as the likely cause of human occipital encephalocele and abnormal CNS development in zebrafish. <i>Human Mutation</i> , 2018, 39, 495-505.	2.5	17
8	<i>Alu-Alu</i> mediated intragenic duplications in <i>IFT81</i> and <i>MATN3</i> are associated with skeletal dysplasias. <i>Human Mutation</i> , 2018, 39, 1456-1467.	2.5	16
9	Whole-Genome Sequencing of Cytogenetically Balanced Chromosome Translocations Identifies Potentially Pathological Gene Disruptions and Highlights the Importance of Microhomology in the Mechanism of Formation. <i>Human Mutation</i> , 2017, 38, 180-192.	2.5	58
10	Zircon M127 – A Homogeneous Reference Material for ⁴¹ Ca/ ⁴³ Ca SIMS U-Pb Geochronology Combined with Hafnium, Oxygen and, Potentially, Lithium Isotope Analysis. <i>Geostandards and Geoanalytical Research</i> , 2016, 40, 457-475.	3.1	49
11	WNT3 involvement in human bladder exstrophy and cloaca development in zebrafish. <i>Human Molecular Genetics</i> , 2015, 24, 5069-5078.	2.9	23
12	A Preliminary Study on the Separation of Natural and Synthetic Emeralds Using Vibrational Spectroscopy. <i>Gems & Gemology</i> , 2015, 50, 287-292.	0.6	10
13	<i>CTNND2</i> a candidate gene for reading problems and mild intellectual disability. <i>Journal of Medical Genetics</i> , 2015, 52, 111-122.	3.2	35
14	Rubies and Sapphires from Snezhnoe, Tajikistan. <i>Gems & Gemology</i> , 2015, , 160-175.	0.6	15
15	Identification of three novel <i>FGF16</i> mutations in X-linked recessive fusion of the fourth and fifth metacarpals and possible correlation with heart disease. <i>Molecular Genetics & Genomic Medicine</i> , 2014, 2, 402-411.	1.2	17
16	Different mutations in <i>PDE4D</i> associated with developmental disorders with mirror phenotypes. <i>Journal of Medical Genetics</i> , 2014, 51, 45-54.	3.2	57
17	Structural, thermal, dielectric and ferroelectric properties of Na _{0.5} K _{0.5} NbO ₃ and Na _{0.5} K _{0.5} NbO ₃ +0.5mol%MnO ₂ ceramics. <i>Phase Transitions</i> . 2014. 87. 992-1001.	1.3	1
18	Radio-colouration of diamond: a spectroscopic study. <i>Contributions To Mineralogy and Petrology</i> , 2013, 165, 843-861.	3.1	31

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19	Frizzled-3a and Wnt-8b genetically interact during forebrain commissural formation in embryonic zebrafish. <i>Brain Research</i> , 2013, 1506, 25-34.	2.2	12
20	Distinct expression patterns of syndecans in the embryonic zebrafish brain. <i>Gene Expression Patterns</i> , 2013, 13, 126-132.	0.8	13
21	Comparative study of the microstructural and magnetic properties of fly ashes obtained from different thermal power plants in West Bengal, India. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 8673-8683.	2.7	6
22	High Temperature Study of Metamict Rinkite. <i>Solid State Phenomena</i> , 2013, 203-204, 331-334.	0.3	1
23	Frizzled-3a and slit2 genetically interact to modulate midline axon crossing in the telencephalon. <i>Mechanisms of Development</i> , 2012, 129, 109-124.	1.7	11
24	Validation of Powder X-Ray Diffraction Following EN ISO/IEC 17025. <i>Journal of Forensic Sciences</i> , 2012, 57, 722-737.	1.6	4
25	Chemoattractant axon guidance cues regulate de novo axon trajectories in the embryonic forebrain of zebrafish. <i>Developmental Biology</i> , 2012, 367, 126-139.	2.0	7
26	Gemstones from Vietnam: An Update. <i>Gems & Gemology</i> , 2012, 48, 158-176.	0.6	17
27	A comparative study of the physicochemical properties of iron isomaltoside 1000 (MonoferÂ®), a new intravenous iron preparation and its clinical implications. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 78, 480-491.	4.3	220
28	Geochemical provenance analyses of Roman lava millstones north of the Alps: a study of their distribution and implications for the beginning of Roman lava quarrying in the Eifel region (Germany). <i>Journal of Archaeological Science</i> , 2011, 38, 1603-1620.	2.4	11
29	Aquamarine from the Thuong Xuan District, Thanh Hoa Province, Vietnam. <i>Gems & Gemology</i> , 2011, 47, 42-48.	0.6	7
30	Roman lava quarries in the Eifel region (Germany): geochemical data for millstone provenance studies. <i>Journal of Archaeological Science</i> , 2009, 36, 1774-1782.	2.4	13
31	Zircon M257 - a Homogeneous Natural Reference Material for the Ion Microprobe Uâ€Pb Analysis of Zircon. <i>Geostandards and Geoanalytical Research</i> , 2008, 32, 247-265.	3.1	591
32	Comparison of magnetic and transport properties of Gd6YPd3 and Gd7Pd3 single crystals. <i>Journal of Alloys and Compounds</i> , 2008, 460, 1-7.	5.5	16
33	Effects of natural radiation damage on back-scattered electron images of single crystals of minerals. <i>American Mineralogist</i> , 2006, 91, 1739-1746.	1.9	35
34	Growth zoning and strain patterns inside diamond crystals as revealed by Raman maps. <i>American Mineralogist</i> , 2005, 90, 745-748.	1.9	66
35	Morphosynthesis of Strontianite Nanowires Using Polyacrylate Templates Tethered onto Self-Assembled Monolayers. <i>Langmuir</i> , 2005, 21, 3981-3986.	3.5	16
36	Spectroscopic 2D-tomography: Residual pressure and strain around mineral inclusions in diamonds. <i>European Journal of Mineralogy</i> , 2004, 15, 931-935.	1.3	57

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37	Geochemical and petrological characteristics of Eppawala phosphate deposits, Sri Lanka. Mineralium Deposita, 2003, 38, 505-515.	4.1	34
38	Prehnite: Structural similarity of the monoclinic and orthorhombic polymorphs and their Si/Al ordering. Journal of Solid State Chemistry, 1990, 86, 330-333.	2.9	15
39	Variations on the theme of closest packing: The structural chemistry of barium titanate compounds. Journal of Solid State Chemistry, 1985, 58, 14-28.	2.9	39
40	Crystal Structure of the Microwave Dielectric Resonator Ba ₂ Ti ₉ O ₂₀ . Journal of the American Ceramic Society, 1983, 66, 268-271.	3.8	57
41	Crystal Inclusions in Diamonds and Other Crystals. Solid State Phenomena, 0, 203-204, 21-23.	0.3	0