

Ralph Huebner

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

529
citations

15
h-index

22
g-index

38
ext. papers

651
ext. citations

5.8
avg, IF

3.53
L-index

#	Paper	IF	Citations
35	Phase coexistence at the first-order Mott transition revealed by pressure-dependent dielectric spectroscopy of $(\text{BEDT-TTF})_2\text{Cu}_2(\text{CN})_3$. <i>Physical Review B</i> , 2021 , 103,	3.3	4
34	Gapped magnetic ground state in quantum spin liquid candidate $(\text{BEDT-TTF})\text{Cu}(\text{CN})$. <i>Science</i> , 2021 , 372, 276-279	33.3	10
33	Design, Synthesis, In Vitro and In Vivo Evaluation of Heterobivalent SiFA-Modified Peptidic Radioligands Targeting Both Integrin $\alpha_5\beta_1$ and the MC1 Receptor-Suitable for the Specific Visualization of Melanomas?. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	3
32	Are heterobivalent GRPR- and VPACR-bispecific radiopeptides suitable for efficient in vivo tumor imaging of prostate carcinomas?. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 48, 128241	2.9	1
31	Metal-induced progressive alteration of conducting states in memristors for implementing an efficient analog memory: a DFT-supported experimental approach. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 3136-3144	7.1	0
30	Low-temperature dielectric anomaly arising from electronic phase separation at the Mott insulator-metal transition. <i>Npj Quantum Materials</i> , 2021 , 6,	5	7
29	Side-by-Side Comparison of Five Chelators for Zr-Labeling of Biomolecules: Investigation of Chemical/Radiochemical Properties and Complex Stability.. <i>Cancers</i> , 2021 , 13,	6.6	3
28	Functional Hybrid Molecules for the Visualization of Cancer: PESIN-Homodimers Combined with Multimodal Molecular Imaging Probes for Positron Emission Tomography and Optical Imaging: Suited for Tracking of GRPR-Positive Malignant Tissue*. <i>Chemistry - A European Journal</i> , 2020 , 26, 16349-16356	4.8	7
27	Probing two PESIN-indocyanine-dye-conjugates: significance of the used fluorophore. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 1302-1309	7.3	5
26	Hybrid Multimodal Imaging Synthons for Chemoselective and Efficient Biomolecule Modification with Chelator and Near-Infrared Fluorescent Cyanine Dye. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	3
25	Synthesis, characterization and optimization of in vitro properties of NIR-fluorescent cyclic EMSH peptides for melanoma imaging. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 10602-10608	7.3	2
24	Quantum spin liquids unveil the genuine Mott state. <i>Nature Materials</i> , 2018 , 17, 773-777	27	36
23	Optical conductivity of the Weyl semimetal NbP. <i>Physical Review B</i> , 2018 , 98,	3.3	21
22	Free-carrier dynamics in AuPb probed by optical conductivity measurements. <i>Journal of Physics Condensed Matter</i> , 2018 , 30, 485403	1.8	6
21	Probing the Intramolecular Metal-Selenoether Interaction in a Bis(iminosemiquinone)copper(II) Compound. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017 , 643, 1621-1627	1.3	8
20	The metal-insulator transition in the organic conductor $(\text{BEDT-TTF})\text{Hg}(\text{SCN})\text{Cl}$. <i>Journal of Chemical Physics</i> , 2017 , 147, 064503	3.9	5
19	Phosphide-Tetrahedrite $\text{Ag}_6\text{Ge}_{10}\text{P}_{12}$: Thermoelectric Performance of a Long-Forgotten Silver-Cluster Compound. <i>Chemistry of Materials</i> , 2017 , 29, 6956-6965	9.6	21

18	Conduction mechanism of nitronyl-nitroxide molecular magnetic compounds. <i>Physical Review B</i> , 2016 , 93,	3.3	4
17	Anion effects on electronic structure and electrodynamic properties of the Mott insulator (BEDT-TTF) ₂ Ag ₂ (CN) ₃ . <i>Physical Review B</i> , 2016 , 94,	3.3	32
16	Electronic, charge and magnetic interactions in three-centre systems. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 4801-4809	7.1	21
15	Photoswitchable stable charge-distributed states in a new cobalt complex exhibiting photo-induced valence tautomerism. <i>Faraday Discussions</i> , 2015 , 185, 347-59	3.6	8
14	Electron Transfer-Induced Coordination Changes in Organometallic Complexes with Noninnocent Hemilabile Ligands 2013 , 667-675		1
13	UV-vis-NIR and EPR characterisation of the redox series [MQ(3)](2+,+,0,-,2-), M = Ru or Os, and Q = o-quinone derivative. <i>Dalton Transactions</i> , 2012 , 41, 8913-21	4.3	16
12	Structural Reassessment of [W(CO) ₅ (TCNE)]: N (η) Coordination Instead of an Olefin (η) Complex. <i>Organometallics</i> , 2012 , 31, 6305-6311	3.8	2
11	Non-Planar Lithium-Phthalocyanine in the Double Salt (nBu ₄ N) ₂ [Lipc]PF ₆ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012 , 638, 1478-1481	1.3	
10	Electrocrystallisation and single crystal structure determination of Bis(2,2'-bipyridyl)silver(II) perchlorate [Ag(bipy) ₂](ClO ₄) ₂ . <i>Polyhedron</i> , 2012 , 48, 68-71	2.7	7
9	Filling gaps in the series of noninnocent hetero-1,3-diene chelate ligands: ruthenium complexes of redox-active η ² -azocarbonyl and η ² -thiocarbonyl ligands RNNC(R)E, E = O or S. <i>Inorganic Chemistry</i> , 2012 , 51, 6237-44	5.1	18
8	Metal(IV) Complexes [M(LN,O,S) ₂] _n (M = Ru, Os) of a Redox-Active o-Amidophenolate Ligand (LN,O,S) ₂ with Coordinating Thioether Appendix. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 3569-3576	2.3	20
7	Energy-level tailoring in a series of redox-rich quinonoid-bridged diruthenium complexes containing tris(2-pyridylmethyl)amine as a co-ligand. <i>Chemistry - A European Journal</i> , 2011 , 17, 5727-36	4.8	40
6	Spectroelectrochemical evidence for the nitrosyl redox siblings NO ⁺ , NO [*] , and NO ⁻ coordinated to a strongly electron-accepting Fe(II) porphyrin: DFT calculations suggest the presence of high-spin states after reduction of the Fe(II)-NO ⁻ complex. <i>Chemistry - A European Journal</i> , 2011 , 17, 7868-74	4.8	23
5	Double redox-activity in azobenzene-quinonoid palladium(II) complexes: a combined structural, electrochemical and spectroscopic study. <i>Dalton Transactions</i> , 2011 , 40, 431-6	4.3	27
4	Reversible Intramolecular Single-Electron Oxidative Addition Involving a Hemilabile Noninnocent Ligand. <i>Organometallics</i> , 2011 , 30, 1414-1418	3.8	50
3	Stabilising a quinonoid-bridged dicopper(I) complex by use of a dppf (dppf = (diphenylphosphino)ferrocene) backbone. <i>Chemical Communications</i> , 2010 , 46, 1497-9	5.8	47
2	First structurally characterized mono- and dinuclear ruthenium complexes derived from zwitterionic quinonoid ligands. <i>Chemical Communications</i> , 2009 , 4387-9	5.8	38
1	Combining two non-innocent ligands in isomeric complexes [Pt(pap)(m)Q(n)](0) (pap = phenylazopyridine, Q = 3,5-di-tert-butyl-benzoquinone. <i>Dalton Transactions</i> , 2009 , 4653-5	4.3	33

