

Dominik Fehn

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

256
citations

1040056

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h-index

996975

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21
times ranked

245
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced Photocatalysts: Pinning Single Atom Co Catalysts on Titania Nanotubes. <i>Advanced Functional Materials</i> , 2021, 31, 2102843.	14.9	44
2	Self-Enhancing H ₂ Evolution from TiO ₂ Nanostructures under Illumination. <i>ChemSusChem</i> , 2019, 12, 1900-1905.	6.8	40
3	Reduced grey brookite for noble metal free photocatalytic H ₂ evolution. <i>Journal of Materials Chemistry A</i> , 2021, 9, 1168-1179.	10.3	26
4	An Electrically Conducting Three-Dimensional Iron-Catecholate Porous Framework. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18065-18072.	13.8	24
5	Magn ⁺ li Phases Doped with Pt for Photocatalytic Hydrogen Evolution. <i>ACS Applied Energy Materials</i> , 2019, 2, 8399-8404.	5.1	18
6	A Pair of Cobalt(III/IV) Terminal Imido Complexes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16480-16486.	13.8	18
7	Establishing High Photocatalytic H ₂ Evolution from Multiwalled Titanate Nanotubes. <i>ChemCatChem</i> , 2020, 12, 2951-2956.	3.7	15
8	Quinol-containing ligands enable high superoxide dismutase activity by modulating coordination number, charge, oxidation states and stability of manganese complexes throughout redox cycling. <i>Chemical Science</i> , 2021, 12, 10483-10500.	7.4	15
9	Pre-Planarized Triphenylamine-Based Linear Mixed-Valence Charge-Transfer Systems. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6771-6777.	13.8	11
10	Cobalt Diazo-Compounds: From Nitrilimide to Isocyanamide via a Diazomethanediide Fleeting Intermediate. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11138-11142.	13.8	10
11	A bis(silylene)pyridine pincer ligand can stabilize mononuclear manganese(0) complexes: facile access to isolable analogues of the elusive d ⁷ -Mn(CO) ₅ radical. <i>Chemical Science</i> , 2022, 13, 8634-8641.	7.4	8
12	Grey facet-controlled anatase nanosheets for photocatalytic H ₂ evolution without co-catalyst. <i>JPhys Energy</i> , 2021, 3, 034003.	5.3	6
13	Redox-Controlled and Reversible N≡N Bond Forming and Splitting with an Iron ^{IV} Terminal Imido Ligand. <i>Inorganic Chemistry</i> , 2021, 60, 13091-13100.	4.0	5
14	A Pair of Cobalt(III/IV) Terminal Imido Complexes. <i>Angewandte Chemie</i> , 2021, 133, 16616-16622.	2.0	4
15	An Electrically Conducting Three-Dimensional Iron-Catecholate Porous Framework. <i>Angewandte Chemie</i> , 2021, 133, 18213-18220.	2.0	4
16	Dinuclear Zn Complex: Phenoxy Radical Formation Driven by Superoxide Coordination. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 809-814.	1.2	3
17	Tale of Three Molecular Nitrides: Mononuclear Vanadium (V) and (IV) Nitrides As Well As a Mixed-Valence Trivanadium Nitride Having a V ₃ N ₄ Double-Diamond Core. <i>Journal of the American Chemical Society</i> , 2022, 144, 10201-10219.	13.7	3
18	Vorplanarisierte Triphenylamin-basierte lineare gemischtvalente Ladungstransfersysteme. <i>Angewandte Chemie</i> , 2021, 133, 6845-6851.	2.0	1

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19	Cobalt Diazo-Compounds: From Nitrilimide to Isocynoamide via a Diazomethanediide Fleeting Intermediate. <i>Angewandte Chemie</i> , 2021, 133, 11238-11242.	2.0	1
20	Titelbild: An Electrically Conducting Three-Dimensional Iron-Catecholate Porous Framework (<i>Angew. Chem.</i>)	2.0	0