

Jerome Roeser

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,776
citations

430874

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h-index

610901

24
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all docs

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docs citations

24
times ranked

3179
citing authors

#	ARTICLE	IF	CITATIONS
1	Diacetylene Functionalized Covalent Organic Framework (COF) for Photocatalytic Hydrogen Generation. <i>Journal of the American Chemical Society</i> , 2018, 140, 1423-1427.	13.7	646
2	Covalent Triazine Frameworks Prepared from 1,3,5-Tricyanobenzene. <i>Chemistry of Materials</i> , 2013, 25, 1542-1548.	6.7	363
3	Strongly Reducing (Diaryl-amino)benzene-Based Covalent Organic Framework for Metal-Free Visible Light Photocatalytic H ₂ O ₂ Generation. <i>Journal of the American Chemical Society</i> , 2020, 142, 20107-20116.	13.7	239
4	Covalent Triazine Frameworks as Heterogeneous Catalysts for the Synthesis of Cyclic and Linear Carbonates from Carbon Dioxide and Epoxides. <i>ChemSusChem</i> , 2012, 5, 1793-1799.	6.8	237
5	Vinylene-Linked Covalent Organic Frameworks by Base-Catalyzed Aldol Condensation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14865-14870.	13.8	205
6	3D Anionic Silicate Covalent Organic Framework with srs Topology. <i>Journal of the American Chemical Society</i> , 2018, 140, 5330-5333.	13.7	174
7	Protonated Imine-Linked Covalent Organic Frameworks for Photocatalytic Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19797-19803.	13.8	171
8	Anionic silicate organic frameworks constructed from hexacoordinate silicon centres. <i>Nature Chemistry</i> , 2017, 9, 977-982.	13.6	133
9	Donor-acceptor covalent organic frameworks for visible light induced free radical polymerization. <i>Chemical Science</i> , 2019, 10, 8316-8322.	7.4	124
10	Acridine-Functionalized Covalent Organic Frameworks (COFs) as Photocatalysts for Metallaphotocatalytic C-N Cross-Coupling. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	77
11	A polymer analogous reaction for the formation of imidazolium and NHC based porous polymer networks. <i>Polymer Chemistry</i> , 2013, 4, 1848.	3.9	70
12	Synthesis of Vinylene-Linked Covalent Organic Frameworks from Acetonitrile: Combining Cyclotrimerization and Aldol Condensation in One Pot. <i>Journal of the American Chemical Society</i> , 2020, 142, 14033-14038.	13.7	68
13	A Metal-Organic Framework with Tetrahedral Aluminate Sites as a Single-Ion Li ⁺ Solid Electrolyte. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16683-16687.	13.8	65
14	Dendronized Polymers with Peripheral Oligo(ethylene oxide) Chains: Thermoresponsive Behavior and Shape Anisotropy in Solution. <i>Macromolecules</i> , 2011, 44, 8925-8935.	4.8	53
15	Vinylene-Linked Covalent Organic Frameworks by Base-Catalyzed Aldol Condensation. <i>Angewandte Chemie</i> , 2019, 131, 15007-15012.	2.0	39
16	Dendronized Polymers with Silver and Mercury Cations Recognition: Complexation Studies and Polyelectrolyte Behavior. <i>Macromolecules</i> , 2013, 46, 7075-7085.	4.8	24
17	Protonated Imine-Linked Covalent Organic Frameworks for Photocatalytic Hydrogen Evolution. <i>Angewandte Chemie</i> , 2021, 133, 19950-19956.	2.0	22
18	Finding the Sweet Spot of Photocatalysis—A Case Study Using Bipyridine-Based CTFs. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 14182-14192.	8.0	22

#	ARTICLE	IF	CITATIONS
19	Ionic Nanoparticle Networks as Solid State Catalysts. European Journal of Inorganic Chemistry, 2012, 2012, 5305-5311.	2.0	11
20	Versatile and efficient functionalisation of multiallylic dendronised polymers: can dense packing be reached?. Chemical Communications, 2008, , 1341.	4.1	9
21	A Metal-Organic Framework with Tetrahedral Aluminate Sites as a Single-Ion Li + Solid Electrolyte. Angewandte Chemie, 2018, 130, 16925-16929.	2.0	8
22	Hydrothermal polymerization of porous aromatic polyimide networks and machine learning-assisted computational morphology evolution interpretation. Journal of Materials Chemistry A, 2021, 9, 19754-19769.	10.3	7
23	Acridine-Functionalized Covalent Organic Frameworks (COFs) as Photocatalysts for Metallaphotocatalytic C-N Cross-Coupling. Angewandte Chemie, 2022, 134, .	2.0	6
24	Preparation of multi-allylic dendronized polymers via atom-transfer radical polymerization. European Polymer Journal, 2019, 118, 358-364.	5.4	3