

Milos Baljozovic

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

500
citations

687363

13
h-index

677142

22
g-index

28
all docs

28
docs citations

28
times ranked

1049
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-range ferrimagnetic order in a two-dimensional supramolecular Kondo lattice. <i>Nature Communications</i> , 2017, 8, 15388.	12.8	70
2	A Two-Dimensional Polymer Synthesized at the Air/Water Interface. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10584-10588.	13.8	61
3	The impact of the structure of graphene-based materials on the removal of organophosphorus pesticides from water. <i>Environmental Science: Nano</i> , 2018, 5, 1482-1494.	4.3	53
4	Structural Characterization of a Covalent Monolayer Sheet Obtained by Two-Dimensional Polymerization at an Air/Water Interface. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15262-15266.	13.8	39
5	Two-Dimensional Calix[4]arene-based Metal-Organic Coordination Networks of Tunable Crystallinity. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14395-14399.	13.8	26
6	Stabilization of alkali metal ions interaction with OH-functionalized graphene via clustering of OH groups – implications in charge storage applications. <i>RSC Advances</i> , 2016, 6, 57910-57919.	3.6	25
7	Ink-Free Reversible Optical Writing in Monolayers by Polymerization of a Trifunctional Monomer: Toward Rewritable –Molecular Paper–. <i>Advanced Materials</i> , 2017, 29, 1701220.	21.0	25
8	The fate of bromine after temperature-induced dehydrogenation of on-surface synthesized bisheptahelicene. <i>Chemical Science</i> , 2019, 10, 2998-3004.	7.4	25
9	Dual-tone Application of a Tin-Oxo Cage Photoresist Under E-beam and EUV Exposure. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2018, 31, 249-255.	0.3	22
10	Mechanistic insights in Zr- and Hf-based molecular hybrid EUV photoresists. <i>Journal of Micro/Nanolithography, MEMS, and MOEMS</i> , 2019, 18, 1.	0.9	21
11	Adsorption of nonmetallic elements on defect-free MgO(001) surface – DFT study. <i>Surface Science</i> , 2015, 632, 39-49.	1.9	19
12	Oxygen reduction reaction of Pt-In alloy: Combined theoretical and experimental investigations. <i>Electrochimica Acta</i> , 2013, 114, 706-712.	5.2	17
13	On-Surface Hydrogenation of Buckybowls: From Curved Aromatic Molecules to Planar Non-Kekulé Aromatic Hydrocarbons. <i>ACS Nano</i> , 2020, 14, 16735-16742.	14.6	15
14	Magnetic exchange coupling of a synthetic Co(ii)-complex to a ferromagnetic Ni substrate. <i>Chemical Communications</i> , 2013, 49, 10736.	4.1	11
15	A Two-Dimensional Polymer Synthesized at the Air/Water Interface. <i>Angewandte Chemie</i> , 2018, 130, 10744-10748.	2.0	10
16	Bimetallic dimers adsorbed on a defect-free MgO(001) surface: bonding, structure and reactivity. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 9666-9679.	2.8	9
17	Supramolecular architectures of molecularly thin yet robust free-standing layers. <i>Science Advances</i> , 2019, 5, eaav4489.	10.3	9
18	Unbalanced 2D Chiral Crystallization of Pentahelicene Propellers and Their Planarization into Nanographenes. <i>Chemistry - A European Journal</i> , 2021, 27, 10251-10254.	3.3	8

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19	Adsorbate-Induced Modification of the Confining Barriers in a Quantum Box Array. ACS Nano, 2018, 12, 768-778.	14.6	6
20	Structural Characterization of a Covalent Monolayer Sheet Obtained by Two-Dimensional Polymerization at an Air/Water Interface. Angewandte Chemie, 2017, 129, 15464-15468.	2.0	5
21	Stereospecific on-Surface Cyclodehydrogenation of Bishelicenes: Preservation of Handedness from Helical to Planar Chirality. Chemistry - A European Journal, 2021, 27, 13523-13526.	3.3	5
22	Ti, Zr, and Hf-based molecular hybrid materials as EUV photoresists. , 2018, , .		5
23	Two-Dimensional Calix[4]arene-based Metal-Organic Coordination Networks of Tunable Crystallinity. Angewandte Chemie, 2017, 129, 14587-14591.	2.0	4
24	Self-Assembly and Magnetic Order of Bi-Molecular 2D Spin Lattices of M(II,III) Phthalocyanines on Au(111). Magnetochemistry, 2021, 7, 119.	2.4	4
25	Probing the Reactivity of Functionalized Surfaces by Porphyrin Metalation. ChemistrySelect, 2016, 1, 891-895.	1.5	3
26	Growth Dynamics and Electron Reflectivity in Ultrathin Films of Chiral Heptahelicene on Metal (100) Surfaces Studied by Spin-Polarized Low Energy Electron Microscopy. Physica Status Solidi (B): Basic Research, 2021, 258, 2100263.	1.5	3
27	Site-Specific Coordination Chemistry and Beyond: Novel Properties in Low Dimensional Supramolecular Architectures of Porphins at Surfaces. ECS Meeting Abstracts, 2019, , .	0.0	0