Andrew J Surman

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3373691/publications.pdf

Version: 2024-02-01

29 papers	1,060 citations	471509 17 h-index	526287 27 g-index
33 all docs	33 docs citations	33 times ranked	1392 citing authors

#	Article	IF	Citations
1	Formation of oligopeptides in high yield under simple programmable conditions. Nature Communications, 2015, 6, 8385.	12.8	144
2	Polyoxometalate Clusters Integrated into Peptide Chains and as Inorganic Amino Acids: Solutionâ€•and Solidâ€Phase Approaches. Angewandte Chemie - International Edition, 2014, 53, 3336-3341.	13.8	111
3	Configurable Nanosized Metal Oxide Oligomers via Precise â€œClickâ€•Coupling Control of Hybrid Polyoxometalates. Journal of the American Chemical Society, 2015, 137, 5662-5665.	13.7	95
4	Controlling the Ring Curvature, Solution Assembly, and Reactivity of Gigantic Molybdenum Blue Wheels. Journal of the American Chemical Society, 2014, 136, 14114-14120.	13.7	74
5	A collection of robust methodologies for the preparation of asymmetric hybrid Mnâ€“Anderson polyoxometalates for multifunctional materials. Chemical Science, 2013, 4, 3810-3817.	7.4	70
6	Stereoselective Assembly of Gigantic Chiral Molybdenum Blue Wheels Using Lanthanide Ions and Amino Acids. Journal of the American Chemical Society, 2019, 141, 1242-1250.	13.7	64
7	Sizing and Discovery of Nanosized Polyoxometalate Clusters by Mass Spectrometry. Journal of the American Chemical Society, 2016, 138, 3824-3830.	13.7	55
8	Exploring the Symmetry, Structure, and Selfâ€Assembly Mechanism of a Gigantic Sevenâ€Fold Symmetric {Pd₈₄} Wheel. Angewandte Chemie - International Edition, 2014, 53, 10032-10037.	13.8	53
9	Use of ion-mobility mass spectrometry (IMS-MS) to map polyoxometalate Keplerate clusters and their supramolecular assemblies. Chemical Communications, 2013, 49, 1909.	4.1	43
10	Environmental control programs the emergence of distinct functional ensembles from unconstrained chemical reactions. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5387-5392.	7.1	40
11	A Review of Portable High-Performance Liquid Chromatography: the Future of the Field?. Chromatographia, 2020, 83, 1165-1195.	1.3	38
12	Selfâ€Templating and Inâ€…Situ Assembly of a Cubic Clusterâ€ofâ€Clusters Architecture Based on a {Mo₂₄Fe₁₂} Inorganic Macrocycle. Angewandte Chemie - International Edition, 2016, 55, 12703-12707.	13.8	37
13	A Pyrophosphateâ€Responsive Gadolinium(III) MRI Contrast Agent. Chemistry - A European Journal, 2011, 17, 223-230.	3.3	33
14	Spontaneous Assembly of an Organicâ€“Inorganic Nucleic Acid Zâ€DNA Doubleâ€Helix Structure. Angewandte Chemie - International Edition, 2017, 56, 1141-1145.	13.8	32
15	Overcoming the Crystallization Bottleneck: A Family of Gigantic Inorganic {Pd_x}^L (x=84, 72) Palladium Macrocycles Discovered using Solution Techniques. Angewandte Chemie - International Edition, 2016, 55, 12741-12745.	13.8	24
16	Hand-portable HPLC with broadband spectral detection enables analysis of complex polycyclic aromatic hydrocarbon mixtures. Communications Chemistry, 2021, 4, .	4.5	22
17	Developing iron-based anionic redox couples for thermogalvanic cells: towards the replacement of the ferricyanide/ferrocyanide redox couple. Green Chemistry, 2021, 23, 8901-8915.	9.0	21
18	Exploring the Symmetry, Structure, and Selfâ€Assembly Mechanism of a Gigantic Sevenâ€Fold Symmetric {Pd₈₄} Wheel. Angewandte Chemie, 2014, 126, 10196-10201.	2.0	16

#	Article	IF	Citations
19	Exploiting the equilibrium dynamics in the self-assembly of inorganic macrocycles based upon polyoxothiometalate building blocks. Chemical Communications, 2016, 52, 9109-9112.	4.1	15
20	Millerâ€“Urey Sparkâ€Discharge Experiments in the Deuterium World. Angewandte Chemie - International Edition, 2017, 56, 8079-8082.	13.8	15
21	Targeting of anionic membrane species by lanthanide(iii) complexes: towards improved MRI contrast agents for apoptosis. Chemical Communications, 2011, 47, 10245.	4.1	13
22	Overcoming the Crystallization Bottleneck: A Family of Gigantic Inorganic {Pd_x}^L (x84, 72) Palladium Macrocycles Discovered using Solution Techniques. Angewandte Chemie, 2016, 128, 12933-12937.	2.0	8
23	Spontaner Aufbau einer organischâ€anorganischen NukleinsÃureâ€Zâ€DNAâ€Doppelhelixâ€Struktur. Angewandte Chemie, 2017, 129, 1161-1165.	2.0	4
24	Selfâ€Templating and Inâ€…Situ Assembly of a Cubic Clusterâ€ofâ€Clusters Architecture Based on a {Mo₂₄Fe₁₂} Inorganic Macrocycle. Angewandte Chemie, 2016, 128, 12895-12899.	2.0	1
25	Millerâ€“Urey Sparkâ€Discharge Experiments in the Deuterium World. Angewandte Chemie, 2017, 129, 8191-8194.	2.0	1
26	Future challenges and new approaches: general discussion. Faraday Discussions, 2019, 218, 505-523.	3.2	1
27	Frontispiz: Exploring the Symmetry, Structure, and Selfâ€Assembly Mechanism of a Gigantic Sevenâ€Fold Symmetric {Pd₈₄} Wheel. Angewandte Chemie, 2014, 126, .	2.0	0
28	Frontispiece: Exploring the Symmetry, Structure, and Selfâ€Assembly Mechanism of a Gigantic Sevenâ€Fold Symmetric {Pd₈₄} Wheel. Angewandte Chemie - International Edition, 2014, 53, .	13.8	0
29	RÃ¼cktitelbild: Selfâ€Templating and Inâ€…Situ Assembly of a Cubic Clusterâ€ofâ€Clusters Architecture Based on a {Mo₂₄Fe₁₂} Inorganic Macrocycle (Angew. Chem. 41/2016). Angewandte Chemie, 2016, 128, 13106-13106.	2.0	0