Paul A White

List of Publications by Year
in descending order

23 papers	1,105 citations	471061 17 h-index	676716 22 g-index
24 all docs	24 docs citations	24 times ranked	1022 citing authors

#	Article	IF	Citations
1	Self-healing anticorrosive organic coating based on an encapsulated water reactive silyl ester: Synthesis and proof of concept. Progress in Organic Coatings, 2011, 70, 142-149.	1.9	166
2	The effect of inhibitor structure on the corrosion of AA2024 and AA7075. Corrosion Science, 2011, 53, 2184-2190.	3.0	119
3	Patterned Growth of Well-Aligned Carbon Nanotubes:Â A Soft-Lithographic Approach. Journal of Physical Chemistry B, 2000, 104, 2193-2196.	1.2	112
4	Using high throughput experimental data and in silico models to discover alternatives to toxic chromate corrosion inhibitors. Corrosion Science, 2016, 106, 229-235.	3.0	101
5	A rapid screening multi-electrode method for the evaluation of corrosion inhibitors. Electrochimica Acta, 2009, 54, 3402-3411.	2.6	97
6	The characterisation and performance of Ce(dbp)3-inhibited epoxy coatings. Progress in Organic Coatings, 2011, 70, 91-101.	1.9	77
7	Î±-Olefin Polymerization with Ether-Coordinated Chromium(III) Alkyls. Organometallics, 1996, 15, 5473-5475.	1.1	71
8	A combinatorial matrix of rare earth chloride mixtures as corrosion inhibitors of AA2024-T3: Optimisation using potentiodynamic polarisation and EIS. Electrochimica Acta, 2012, 67, 95-103.	2.6	64
9	High-throughput channel arrays for inhibitor testing: Proof of concept for AA2024-T3. Corrosion Science, 2009, 51, 2279-2290.	3.0	44
10	A new high-throughput method for corrosion testing. Corrosion Science, 2012, 58, 327-331.	3.0	42
11	Correlation between molecular features and electrochemical properties using an artificial neural network. Materials and Design, 2016, 112, 410-418.	3.3	29
12	Interaction of Ce(dbp)₃with surface of aluminium alloy 2024-T3 using macroscopic models of intermetallic phases. Corrosion Engineering Science and Technology, 2009, 44, 416-424.	0.7	24
13	An investigation of rare earth chloride mixtures: combinatorial optimisation for AA2024â€t3 corrosion inhibition. Surface and Interface Analysis, 2010, 42, 170-174.	0.8	23
14	Organolanthanoids. XXI Synthesis of Bis- and Tris-(diphenylphosphinocyclopenta- dienyl)lanthanoid Compounds and the X-Ray Crystal Structures of [Ln(C5H4PPh2)3(OPPh3)]Â·(thf)1. Australian Journal of Chemistry, 1997, 50, 959.	0.5	22
15	Organolanthanoids XXIII complexes of tris(cyclopentadienyl)lanthanoids with tertiary phosphine oxides and the X-ray crystal structures of [YbCp3(OPPh3)] and [NdCp3(OPBun3)]. Journal of Organometallic Chemistry, 1998, 565, 201-210.	0.8	21
16	Morphology and properties of nanocomposites from organoclays with reduced cation exchange capacity. Journal of Applied Polymer Science, 2007, 105, 2910-2924.	1.3	20
17	Validation of a fast scanning technique for corrosion inhibitor selection: influence of crossâ€contamination on AA2024â€T3. Surface and Interface Analysis, 2010, 42, 205-210.	0.8	18
18	On the importance of time-resolved electrochemical evaluation in corrosion inhibitor-screening studies. Npj Materials Degradation, 2020, 4, .	2.6	18

#	Article	IF	Citations
19	Towards materials discovery: assays for screening and study of chemical interactions of novel corrosion inhibitors in solution and coatings. New Journal of Chemistry, 2020, 44, 7647-7658.	1.4	14
20	Organolanthanidesâ€”XVI. Preparation and structure of bis(Î·5-cyclopentadienyl)bis(triphenylphosphine) Tj ETQq0 0 0 rgBT /Overlock 10 complex. Polyhedron, 1989, 8, 1983-1987.	1.0	11
21	Preparation and X-Ray Structure of [YbIII(Î·5-C5H5)2(OPPh3)(OPPh2C5H4)]â€”a Complex With Oxygen Rather Than Cyclopentadienide Coordination of a Novel Ambidentate Ligand. Australian Journal of Chemistry, 1992, 45, 1939.	0.5	8
22	Current Chemistry: Synthetic Opal as Two-Dimensional and Three-Dimensional Nanotemplates. Australian Journal of Chemistry, 2001, 54, 629.	0.5	3
23	‹title›Synthetic opal as a template for nanostructured materials‹/title›. , 2001, , .		1