

Edward D Weil

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53
papers

4,246
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h-index

59
g-index

59
ext. papers

4,543
ext. citations

2.3
avg, IF

5.79
L-index

#	Paper	IF	Citations
53	A Review of Recent Progress in Phosphorus-based Flame Retardants. <i>Journal of Fire Sciences</i> , 2006 , 24, 345-364	1.5	489
52	Thermal decomposition, combustion and flame-retardancy of epoxy resins— review of the recent literature. <i>Polymer International</i> , 2004 , 53, 1901-1929	3.3	442
51	Thermal decomposition, combustion and fire-retardancy of polyurethanes— review of the recent literature. <i>Polymer International</i> , 2004 , 53, 1585-1610	3.3	323
50	Thermal decomposition of aliphatic nylons. <i>Polymer International</i> , 1999 , 48, 532-557	3.3	308
49	Flame retardancy of thermoplastic polyesters— review of the recent literature. <i>Polymer International</i> , 2005 , 54, 11-35	3.3	281
48	Flame Retardants in Commercial Use or Development for Textiles. <i>Journal of Fire Sciences</i> , 2008 , 26, 243-251	2.81	210
47	Overview of recent developments in the flame retardancy of polycarbonates. <i>Polymer International</i> , 2005 , 54, 981-998	3.3	187
46	Fire-Protective and Flame-Retardant Coatings - A State-of-the-Art Review. <i>Journal of Fire Sciences</i> , 2011 , 29, 259-296	1.5	186
45	Combustion and fire retardancy of aliphatic nylons. <i>Polymer International</i> , 2000 , 49, 1033-1073	3.3	156
44	Oxygen index: Correlations to other fire tests. <i>Fire and Materials</i> , 1992 , 16, 159-167	1.8	132
43	Overview of the recent literature on flame retardancy and smoke suppression in PVC. <i>Polymers for Advanced Technologies</i> , 2005 , 16, 707-716	3.2	115
42	Flame Retardants in Commercial Use or Development for Polyolefins. <i>Journal of Fire Sciences</i> , 2008 , 26, 5-43	1.5	107
41	Mechanisms and modes of action in flame retardancy of polymers 2001 , 31-68		88
40	A systems approach to flame retardancy and comments on modes of action. <i>Polymer Degradation and Stability</i> , 1996 , 54, 125-136	4.7	85
39	Flame Retardants in Commercial Use or in Advanced Development in Polycarbonates and Polycarbonate Blends. <i>Journal of Fire Sciences</i> , 2006 , 24, 137-151	1.5	80
38	Flame-Retarding Plastics and Elastomers with Melamine. <i>Journal of Fire Sciences</i> , 1995 , 13, 104-126	1.5	74
37	New developments in flame retardancy of styrene thermoplastics and foams. <i>Polymer International</i> , 2008 , 57, 431-448	3.3	69

36	Intumescent flame-retardant system of phosphates and 5,5,5-tris(1,3,2-dioxaphosphorinane)amine 2,2,2-trioxide for polyolefins. <i>Journal of Applied Polymer Science</i> , 1996 , 62, 2267-2280	2.9	66
35	Iron compounds in non-halogen flame-retardant polyamide systems. <i>Polymer Degradation and Stability</i> , 2003 , 82, 291-296	4.7	62
34	Flame Retardants for Plastics and Textiles 2009 ,		50
33	Flexible polyurethane foam. II. Fire retardation by tris(1,3-dichloro-2-propyl) phosphate part A. Examination of the vapor phase (the flame). <i>Journal of Applied Polymer Science</i> , 1998 , 68, 217-229	2.9	44
32	A Survey of Recent Progress in Phosphorus-Based Flame Retardants and Some Mode of Action Studies. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1999 , 144, 17-20	1	43
31	Flame Retardants for Polystyrenes in Commercial Use or Development. <i>Journal of Fire Sciences</i> , 2007 , 25, 241-265	1.5	41
30	Phosphorus oxynitride: a thermally stable fire retardant additive for polyamide 6 and poly(butylene terephthalate). <i>Angewandte Makromolekulare Chemie</i> , 1999 , 264, 48-55		41
29	Flame and Smoke Retardants in Vinyl Chloride Polymers [Commercial Usage and Current Developments. <i>Journal of Fire Sciences</i> , 2006 , 24, 211-236	1.5	36
28	Flexible polyurethane foam. II. Fire retardation by tris(1,3-dichloro-2-propyl) phosphate. Part B. Examination of the condensed phase (the pyrolysis zone). <i>Journal of Applied Polymer Science</i> , 1998 , 68, 231-254	2.9	33
27	Enhanced Flame Retardancy of Polypropylene with Magnesium Hydroxide, Melamine and Novolac. <i>Journal of Fire Sciences</i> , 1998 , 16, 383-404	1.5	23
26	Influence of the molecular weight of PPO resins and char-forming behavior of polymeric additives on the flame retardancy of EPDM formulations. <i>Journal of Applied Polymer Science</i> , 1998 , 67, 1405-1414	2.9	17
25	Some Practical and Theoretical Aspects of Melamine as a Flame Retardant. <i>ACS Symposium Series</i> , 1995 , 199-216	0.4	8
24	Flame Retardants in Commercial Use or Development for Textiles 2009 , 197-225		7
23	Flame Retardancy 2004 ,		5
22	Phosphorus-Containing Polymers and Oligomers 2010 ,		3
21	Flame Retardants, Phosphorus 2001 ,		3
20	Current Practice and Recent Commercial Developments in Flame Retardancy of Polyamides 2009 , 85-104		2
19	Flame Retardants in Commercial Use or Advanced Development in Polyurethanes 2009 , 153-178		2

18	Overview of Modes of Action and Interaction of Flame Retardants 2009 , 241-251	2
17	Flame Retardants in Commercial Use or Development for Unsaturated Polyester, Vinyl Resins, Phenolics 2015 , 187-203	1
16	Overview of Modes of Action and Interaction of Flame Retardants 2015 , 323-338	1
15	Flame Retardants in Commercial Use or Development for Epoxy Resins 2015 , 241-264	1
14	Flame Retardants in Commercial Use or Development for Textiles 2015 , 265-302	1
13	Flame Retardants in Commercial Use or Development for Polyolefins, Olefin Copolymers, and Diene Elastomers 2015 , 5-48	1
12	Phosphorus-Containing Polymers and Oligomers 2006 ,	1
11	Flame Retardants in Commercial Use or Advanced Development in Polycarbonates and Polycarbonate Blends 2009 , 121-140	1
10	Flame and Smoke Retardants in Vinyl Chloride Polymers [Commercial Usage and Current Developments 2009 , 59-83	0
9	Phosphorus Flame Retardants 2017 , 1-34	
8	Flame Retardants in Commercial Use or Development for Polyurethanes, Polyisocyanurates, and Polyureas 2015 , 205-240	
7	Flame Retardants 2015 , 1-40	
6	Comments on Flammability and Smoke Tests Useful in Development 2015 , 303-321	
5	Flame Retardants in Commercial Use or Development for Polycarbonates and Polycarbonate Blends 2015 , 161-186	
4	Flame Retardants in Commercial Use or Development for Flame Retardancy of Polyamides 2015 , 115-140	
3	Flame Retardants in Commercial Use or Development for Polystyrenes, Thermoplastic Styrene Copolymers, and Blends 2015 , 49-81	
2	Comments on Flammability and Smoke Tests 2009 , 227-240	
1	Commercial Flame Retardancy of Unsaturated Polyester, Vinyl Resins, Phenolics and their Composites 2009 , 141-152	

