

Peter J S Foot

List of Publications by Year in descending order

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74
papers

1,344
citations

331670

21
h-index

377865

34
g-index

75
all docs

75
docs citations

75
times ranked

1382
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochromic properties of conducting polyanilines. <i>Journal Physics D: Applied Physics</i> , 1989, 22, 1598-1603.	2.8	107
2	Durham poly acetylene: preparation and properties of the unoriented material. <i>Synthetic Metals</i> , 1986, 14, 245-269.	3.9	95
3	Title is missing!. <i>Journal of Materials Science</i> , 2001, 36, 5369-5377.	3.7	64
4	Technical pathways for distributed recycling of polymer composites for distributed manufacturing: Windshield wiper blades. <i>Resources, Conservation and Recycling</i> , 2020, 157, 104810.	10.8	58
5	Stability and degradation of some electrically conducting polymers. <i>Polymer Degradation and Stability</i> , 1987, 19, 323-341.	5.8	56
6	Effect of ammonia on the temperature-dependent conductivity and thermopower of polypyrrole. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 1331-1338.	2.1	47
7	Thermal doping of polyaniline by sulfonic acids. <i>Polymer International</i> , 2003, 52, 433-438.	3.1	44
8	Conductive poly(butadiene-co-acrylonitrile)-polyaniline dodecylbenzenesulfonate [NBR-PAni.DBSA] blends prepared in solution. <i>European Polymer Journal</i> , 2006, 42, 1716-1727.	5.4	44
9	Amine intercalates of lamellar compounds NiPS ₃ and CdPS ₃ . <i>Materials Research Bulletin</i> , 1983, 18, 173-180.	5.2	42
10	Optical and electronic properties of the layered semiconductors NiPS ₃ and FePS ₃ . <i>Materials Research Bulletin</i> , 1980, 15, 189-193.	5.2	41
11	Preparation and characterization of polypyrrole, N-substituted with liquid crystalline moieties. <i>Synthetic Metals</i> , 1996, 76, 297-300.	3.9	38
12	The structures and conduction mechanisms of lithium-intercalated and lithium-substituted nickel phosphorus trisulphide (NiPS ₃), and the use of the material as a secondary battery electrode. <i>Physica Status Solidi A</i> , 1987, 100, 11-29.	1.7	37
13	A Urea Potentiometric Biosensor Based on a Thiophene Copolymer. <i>Biosensors</i> , 2017, 7, 13.	4.7	37
14	Overcoming the Blood-Brain Barrier: Functionalised Chitosan Nanocarriers. <i>Pharmaceutics</i> , 2020, 12, 1013.	4.5	37
15	Process control for the synthesis of ZrO ₂ nanoparticles using FSP at high production rate. <i>Powder Technology</i> , 2013, 246, 419-433.	4.2	31
16	Novel inorganic/conjugated polymer nano-composites. <i>Synthetic Metals</i> , 1996, 76, 289-292.	3.9	29
17	Mechanisms of chemical undoping of conducting polymers by ammonia. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 1536.	2.0	26
18	Lithium ion diffusion in Li _x NiPS ₃ single crystals. <i>Solid State Ionics</i> , 1983, 8, 169-172.	2.7	23

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19	A kinetic study of the Durham precursor route to polyacetylene. <i>Polymer</i> , 1986, 27, 448-454.	3.8	23
20	Annealing behaviour of conductive poly(3-hexylthiophene) films. <i>Polymer</i> , 1997, 38, 1749-1751.	3.8	23
21	Some observations on the structure of Durham polyacetylene. <i>Polymer</i> , 1986, 27, 1719-1724.	3.8	22
22	Diffusion in conducting polymers. <i>Journal Physics D: Applied Physics</i> , 1987, 20, 1354-1360.	2.8	21
23	Synthesis and photoluminescent properties of Sm ³⁺ -doped SnO ₂ nanoparticles. <i>Ceramics International</i> , 2016, 42, 18474-18478.	4.8	20
24	Theoretical studies of conducting polymers based on substituted polypyrroles. <i>Computational and Theoretical Polymer Science</i> , 1998, 8, 265-271.	1.1	19
25	Biomedical and Pharmacological Uses of Fluorescein Isothiocyanate Chitosan-Based Nanocarriers. <i>Macromolecular Bioscience</i> , 2021, 21, e2000312.	4.1	19
26	Novel MgFe ₂ O ₄ -CuO/GO heterojunction magnetic nanocomposite: Synthesis, characterization, and batch photocatalytic degradation of methylene blue dye. <i>Journal of Molecular Liquids</i> , 2022, 357, 119084.	4.9	19
27	Electrical properties and I-V characteristics of 5,14-dihydro-5,7,12,14-tetraazapentacene doped Schottky barrier diode. <i>Iranian Physical Journal</i> , 2015, 9, 315-319.	1.2	17
28	Overcoming the protein corona in chitosan-based nanoparticles. <i>Drug Discovery Today</i> , 2021, 26, 1825-1840.	6.4	17
29	Conductive Polyaniline/Poly (Epichlorohydrin-co-Ethylene Oxide) Blends Prepared in Solution. <i>Polymers and Polymer Composites</i> , 2007, 15, 1-7.	1.9	15
30	Fluorescein Isothiocyanate Chitosan Nanoparticles in Oral Drug Delivery Studies. <i>Trends in Pharmacological Sciences</i> , 2020, 41, 686-689.	8.7	15
31	The effect of ionising radiation on poly(methyl methacrylate) used in intraocular lenses. <i>Polymer Degradation and Stability</i> , 2006, 91, 2315-2317.	5.8	14
32	Synthesis and properties of liquid crystalline aniline monomers and semiconducting polyaniline with mesogenic side-chains. <i>Chemical Communications</i> , 1996, , 429.	4.1	13
33	Lanthanide luminescence sensitization via SnO ₂ nanoparticle host energy transfer. <i>Journal of Luminescence</i> , 2019, 206, 205-210.	3.1	13
34	Electronic Conduction in p- and n-Type NiPS ₃ . <i>Physica Status Solidi A</i> , 1986, 93, 283-292.	1.7	12
35	Synthesis of a Polyaniline/Inorganic Nanocomposite. <i>Materials Science Forum</i> , 1995, 191, 43-46.	0.3	12
36	Optoelectronic properties of poly(3-hexylthiophene) thin films. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1991, 9, 269-273.	3.5	11

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37	Principles and Prospects of High-Energy Magnesium-Ion Batteries. <i>Science Progress</i> , 2015, 98, 264-275.	1.9	11
38	Polypyrrole-Fe ₂ O ₃ Nanocomposites with High Dielectric Constant: In Situ Chemical Polymerisation. <i>Polymers and Polymer Composites</i> , 2018, 26, 233-241.	1.9	11
39	Conductive poly(methyl methacrylate)-polypyrrole dodecylbenzenesulfonate (PMMA-PPy.DBSA) blends prepared in solution in the presence of hydroquinone. <i>Journal of Materials Science: Materials in Electronics</i> , 2010, 21, 1270-1276.	2.2	10
40	An e.s.r. study of isomerization and doping in Durham polyacetylene. <i>Synthetic Metals</i> , 1986, 16, 265-281.	3.9	9
41	Evaluation of a Smart Polymer Nanosphere for Potential Use in Anticancer Drug Delivery. <i>Polymers and Polymer Composites</i> , 2014, 22, 753-762.	1.9	9
42	Synthesis and Characterisation of Novel Thiophene Based Azomethine Polymers and Study of Their Liquid Crystalline, Electrochemical and Optoelectronic Properties. <i>Polymers and Polymer Composites</i> , 2017, 25, 345-362.	1.9	9
43	ESR measurements in Durham polyacetylene. <i>Synthetic Metals</i> , 1987, 17, 395-400.	3.9	8
44	Properties of NiPS ₃ and ZnPS ₃ prepared at ambient temperature. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 380.	2.0	8
45	Synthesis of Laser-Alignable Liquid Crystalline Conducting Polymers. <i>Macromolecular Chemistry and Physics</i> , 2004, 205, 1823-1828.	2.2	8
46	Synthesis and Properties of a Novel Thiophene-Based Conducting Copolymer with Mesogenic Groups Attached Parallel to the Polymer Backbone. <i>Macromolecular Rapid Communications</i> , 2004, 25, 1000-1003.	3.9	8
47	Synthesis, structure and properties of crystalline and nanocrystalline MnPS ₃ -poly(phenylene) Tj ETQq1 1 0.784314 rgBT /Overlock 107 3.2 7	3.2	7
48	Conducting Polymers Formed from Monomer Intercalates. <i>Materials Science Forum</i> , 1993, 122, 185-194.	0.3	6
49	The electronic properties of metal complexed poly(3-alkylthiophene) films. <i>Materials Research Bulletin</i> , 2002, 37, 2055-2066.	5.2	6
50	Poly(3-hexylthiophene)-zinc oxide rectifying junctions. <i>Journal of Materials Science: Materials in Electronics</i> , 1995, 6, 144.	2.2	5
51	Synthesis and Characterisation of Polyaniline/Montmorillonite Nanocomposites. <i>Polymers and Polymer Composites</i> , 2009, 17, 359-363.	1.9	5
52	Conductive Poly(epichlorhydrin)-Polyaniline Dodecylbenzenesulfonate [PECH-PAni.DBSA] Rubber Blends Prepared in Solution. <i>Progress in Rubber, Plastics and Recycling Technology</i> , 2016, 32, 183-200.	1.8	5
53	Intraocular Lens Calcification After DSEK. <i>Cornea</i> , 2016, 35, e28-e30.	1.7	5
54	MgFe ₂ O ₄ /CNTs nanocomposite: synthesis, characterization, and photocatalytic activity. <i>International Journal of Industrial Chemistry</i> , 2020, 11, 13-28.	3.1	5

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55	Ellipsometric analysis of poly(3-hexylthiophene) surfaces. <i>Journal of Materials Science Letters</i> , 1993, 12, 1154-1155.	0.5	5
56	The Effects of Gamma Irradiation on Medical Grade Poly(Methyl Methacrylate). <i>Polymers and Polymer Composites</i> , 2013, 21, 1-8.	1.9	4
57	Side-Chain Liquid Crystal Conducting Polymers. <i>Science Progress</i> , 2016, 99, 262-277.	1.9	4
58	Synthesis and Properties of Novel Polymers to Increase the Electrochromic Service Life of Poly(3-hexylthiophene). <i>Polymers and Polymer Composites</i> , 2017, 25, 119-128.	1.9	4
59	Experimental Studies on Conducting Polyaniline. <i>Recent Patents on Materials Science</i> , 2012, 5, 241-255.	0.5	4
60	Effects of CoCl_2 and Other Additives on the Oxidative Chemical Synthesis and Properties of Poly(3-hexylthiophene). <i>Polymers and Polymer Composites</i> , 2016, 24, 185-190.	1.9	3
61	Electrohydrodynamic patterning in a curable resin over a wide range of fabrication parameters. <i>European Polymer Journal</i> , 2017, 91, 315-325.	5.4	3
62	Batch Oxidative Desulfurization of Model Light Gasoil over a Bimetallic Nanocatalyst. <i>Chemical Engineering and Technology</i> , 2021, 44, 1708-1715.	1.5	3
63	Compression and Recovery Behaviour of Polyamide-6 Based Foams. <i>Polymers and Polymer Composites</i> , 2012, 20, 425-438.	1.9	2
64	Cell morphology and growth observation studies on novel, chemically unmodified and patterned polymer surfaces for advanced tissue culture applications. <i>Polymer</i> , 2017, 109, 13-24.	3.8	2
65	The durham route to polyacetylene. <i>Synthetic Metals</i> , 1987, 19, 989.	3.9	1
66	Effects of Metal Cations on Conjugated Poly(3-Alkylthiophene)s. <i>Materials Science Forum</i> , 1993, 122, 123-130.	0.3	1
67	Electrochromic Polyquinoxaline Oligomers. <i>Materials Science Forum</i> , 1995, 191, 251-256.	0.3	1
68	Preoperative opacification of acrylic intraocular lenses in storage. <i>Journal of Materials Science: Materials in Medicine</i> , 2007, 18, 583-589.	3.6	1
69	Inorganic/Organic Semiconductor Heterostructures: Optical Properties of Quaterthiophene Intercalated in Cadmium Phosphorus Trisulfide. <i>Journal of Physical Chemistry C</i> , 2008, 112, 20149-20153.	3.1	1
70	In Situ Polymerisation of Pyrrole within the Lattices of Mesoporous Hexagonal Silica Systems. <i>Polymers and Polymer Composites</i> , 2015, 23, 601-608.	1.9	1
71	Synthesis and Properties of an N-Substituted Polypyrrole with Liquid Crystalline Moieties. <i>Polymers and Polymer Composites</i> , 2018, 26, 283-288.	1.9	1
72	Synthesis of Novel Donor-Acceptor Polymer Blends and Their Properties. <i>Polymers and Polymer Composites</i> , 2009, 17, 529-533.	1.9	0

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73	Performance of Nylon Based Polymer Foams at Elevated Temperature under Tensile Loading. Key Engineering Materials, 0, 488-489, 286-289.	0.4	0
74	The Synthesis and Properties of Novel Conducting Polyaniline and Poly [(nitri] ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (butadiene 403-412.	1.9	0