Peter J S Foot

List of Publications by Year
in descending order

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	Novel MgFe2O4-CuO/GO heterojunction magnetic nanocomposite: Synthesis, characterization, and batch photocatalytic degradation of methylene blue dye. Journal of Molecular Liquids, 2022, 357, 119084.	4.9	19
2	Biomedical and Pharmacological Uses of Fluorescein Isothiocyanate Chitosanâ€Based Nanocarriers. Macromolecular Bioscience, 2021, 21, e2000312.	4.1	19
3	Overcoming the protein corona in chitosan-based nanoparticles. Drug Discovery Today, 2021, 26, 1825-1840.	6.4	17
4	Batch Oxidative Desulfurization of Model Light Gasoil over a Bimetallic Nanocatalyst. Chemical Engineering and Technology, 2021, 44, 1708-1715.	1.5	3
5	Overcoming the Blood-Brain Barrier: Functionalised Chitosan Nanocarriers. Pharmaceutics, 2020, 12, 1013.	4.5	37
6	Technical pathways for distributed recycling of polymer composites for distributed manufacturing: Windshield wiper blades. Resources, Conservation and Recycling, 2020, 157, 104810.	10.8	58
7	Fluorescein Isothiocyanate Chitosan Nanoparticles in Oral Drug Delivery Studies. Trends in Pharmacological Sciences, 2020, 41, 686-689.	8.7	15
8	MgFe2O4/CNTs nanocomposite: synthesis, characterization, and photocatalytic activity. International Journal of Industrial Chemistry, 2020, 11, 13-28.	3.1	5
9	Lanthanide luminescence sensitization via SnO2 nanoparticle host energy transfer. Journal of Luminescence, 2019, 206, 205-210.	3.1	13
10	Synthesis and Properties of an N-Substituted Polypyrrole with Liquid Crystalline Moieties. Polymers and Polymer Composites, 2018, 26, 283-288.	1.9	1
11	Polypyrrole-Fe₂O₃ Nanocomposites with High Dielectric Constant: In Situ Chemical Polymerisation. Polymers and Polymer Composites, 2018, 26, 233-241.	1.9	11
12	Electrohydrodynamic patterning in a curable resin over a wide range of fabrication parameters. European Polymer Journal, 2017, 91, 315-325.	5.4	3
13	Cell morphology and growth observation studies on novel, chemically unmodified and patterned polymer surfaces for advanced tissue culture applications. Polymer, 2017, 109, 13-24.	3.8	2
14	Synthesis and Properties of Novel Polymers to Increase the Electrochromic Service Life of Poly(3-hexylthiophene). Polymers and Polymer Composites, 2017, 25, 119-128.	1.9	4
15	Synthesis and Characterisation of Novel Thiophene Based Azomethine Polymers and Study of Their Liquid Crystalline, Electrochemical and Optoelectronic Properties. Polymers and Polymer Composites, 2017, 25, 345-362.	1.9	9
16	A Urea Potentiometric Biosensor Based on a Thiophene Copolymer. Biosensors, 2017, 7, 13.	4.7	37
17	Effects of CoCl₂ and Other Additives on the Oxidative Chemical Synthesis and Properties of Poly(3-hexylthiophene). Polymers and Polymer Composites, 2016, 24, 185-190.	1.9	3
18	Conductive Poly(epichlorhydrin)â€“Polyaniline Dodecylbenzenesulfonate [PECH-PAni.DBSA] Rubber Blends Prepared in Solution. Progress in Rubber, Plastics and Recycling Technology, 2016, 32, 183-200.	1.8	5

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19	Side-Chain Liquid Crystal Conducting Polymers. Science Progress, 2016, 99, 262-277.	1.9	4
20	Synthesis and photoluminescent properties of Sm3+-doped SnO2 nanoparticles. Ceramics International, 2016, 42, 18474-18478.	4.8	20
21	Synthesis, structure and properties of crystalline and nanocrystalline MnPS 3 -poly(phenylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10	5.2	7
22	Intraocular Lens Calcification After DSEK. Cornea, 2016, 35, e28-e30.	1.7	5
23	Electrical properties and Iâ€“V characteristics of 5,14-dihydro-5,7,12,14-tetraazapentacene doped Schottky barrier diode. Iranian Physical Journal, 2015, 9, 315-319.	1.2	17
24	In Situ Polymerisation of Pyrrole within the Lattices of Mesoporous Hexagonal Silica Systems. Polymers and Polymer Composites, 2015, 23, 601-608.	1.9	1
25	Principles and Prospects of High-Energy Magnesium-Ion Batteries. Science Progress, 2015, 98, 264-275.	1.9	11
26	Evaluation of a Smart Polymer Nanosphere for Potential Use in Anticancer Drug Delivery. Polymers and Polymer Composites, 2014, 22, 753-762.	1.9	9
27	Process control for the synthesis of ZrO2 nanoparticles using FSP at high production rate. Powder Technology, 2013, 246, 419-433.	4.2	31
28	The Synthesis and Properties of Novel Conducting Polyaniline and Poly [(nitrile) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (butadiene 403-412.	1.9	0
29	The Effects of Gamma Irradiation on Medical Grade Poly(Methyl Methacrylate). Polymers and Polymer Composites, 2013, 21, 1-8.	1.9	4
30	Compression and Recovery Behaviour of Polyamide-6 Based Foams. Polymers and Polymer Composites, 2012, 20, 425-438.	1.9	2
31	Experimental Studies on Conducting Polyaniline. Recent Patents on Materials Science, 2012, 5, 241-255.	0.5	4
32	Conductive poly(methyl methacrylate)-polypyrrole dodecylbenzenesulfonate (PMMA-PPy.DBSA) blends prepared in solution in the presence of hydroquinone. Journal of Materials Science: Materials in Electronics, 2010, 21, 1270-1276.	2.2	10
33	Synthesis of Novel Donor-Acceptor Polymer Blends and Their Properties. Polymers and Polymer Composites, 2009, 17, 529-533.	1.9	0
34	Synthesis and Characterisation of Polyaniline/Montmorillonite Nanocomposites. Polymers and Polymer Composites, 2009, 17, 359-363.	1.9	5
35	Inorganic/Organic Semiconductor Heterostructures: Optical Properties of Quaterthiophene Intercalated in Cadmium Phosphorus Trisulfide. Journal of Physical Chemistry C, 2008, 112, 20149-20153.	3.1	1
36	Preoperative opacification of acrylic intraocular lenses in storage. Journal of Materials Science: Materials in Medicine, 2007, 18, 583-589.	3.6	1

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37	Conductive Polyaniline/Poly (Epichlorohydrin-co-Ethylene Oxide) Blends Prepared in Solution. Polymers and Polymer Composites, 2007, 15, 1-7.	1.9	15
38	Effect of ammonia on the temperature-dependent conductivity and thermopower of polypyrrole. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 1331-1338.	2.1	47
39	Conductive poly(butadiene-co-acrylonitrile)-polyaniline dodecylbenzenesulfonate [NBR-PAni.DBSA] blends prepared in solution. European Polymer Journal, 2006, 42, 1716-1727.	5.4	44
40	The effect of ionising radiation on poly(methyl methacrylate) used in intraocular lenses. Polymer Degradation and Stability, 2006, 91, 2315-2317.	5.8	14
41	Synthesis of Laser-Alignable Liquid Crystalline Conducting Polymers. Macromolecular Chemistry and Physics, 2004, 205, 1823-1828.	2.2	8
42	Synthesis and Properties of a Novel Thiophene-Based Conducting Copolymer with Mesogenic Groups Attached Parallel to the Polymer Backbone. Macromolecular Rapid Communications, 2004, 25, 1000-1003.	3.9	8
43	Thermal doping of polyaniline by sulfonic acids. Polymer International, 2003, 52, 433-438.	3.1	44
44	The electronic properties of metal complexed poly(3-alkylthiophene) films. Materials Research Bulletin, 2002, 37, 2055-2066.	5.2	6
45	Title is missing!. Journal of Materials Science, 2001, 36, 5369-5377.	3.7	64
46	Theoretical studies of conducting polymers based on substituted polypyrroles. Computational and Theoretical Polymer Science, 1998, 8, 265-271.	1.1	19
47	Annealing behaviour of conductive poly(3-hexylthiophene) films. Polymer, 1997, 38, 1749-1751.	3.8	23
48	Novel inorganic/conjugated polymer nano-composites. Synthetic Metals, 1996, 76, 289-292.	3.9	29
49	Preparation and characterization of polypyrrole, N-substituted with liquid crystalline moieties. Synthetic Metals, 1996, 76, 297-300.	3.9	38
50	Synthesis and properties of liquid crystalline aniline monomers and semiconducting polyaniline with mesogenic side-chains. Chemical Communications, 1996, , 429.	4.1	13
51	Poly(3-hexylthiophene)-zinc oxide rectifying junctions. Journal of Materials Science: Materials in Electronics, 1995, 6, 144.	2.2	5
52	Electrochromic Polyquinoxaline Oligomers. Materials Science Forum, 1995, 191, 251-256.	0.3	1
53	Synthesis of a Polyaniline/Inorganic Nanocomposite. Materials Science Forum, 1995, 191, 43-46.	0.3	12
54	Effects of Metal Cations on Conjugated Poly(3-Alkylthiophene)s. Materials Science Forum, 1993, 122, 123-130.	0.3	1

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55	Conducting Polymers Formed from Monomer Intercalates. Materials Science Forum, 1993, 122, 185-194.	0.3	6
56	Ellipsometric analysis of poly(3-hexylthiophene) surfaces. Journal of Materials Science Letters, 1993, 12, 1154-1155.	0.5	5
57	Optoelectronic properties of poly(3-hexylthiophene) thin films. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1991, 9, 269-273.	3.5	11
58	Electrochromic properties of conducting polyanilines. Journal Physics D: Applied Physics, 1989, 22, 1598-1603.	2.8	107
59	Mechanisms of chemical undoping of conducting polymers by ammonia. Journal of the Chemical Society Chemical Communications, 1988, , 1536.	2.0	26
60	Diffusion in conducting polymers. Journal Physics D: Applied Physics, 1987, 20, 1354-1360.	2.8	21
61	ESR measurements in Durham polyacetylene. Synthetic Metals, 1987, 17, 395-400.	3.9	8
62	The durham route to polyacetylene. Synthetic Metals, 1987, 19, 989.	3.9	1
63	Properties of NiPS3 and ZnPS3 prepared at ambient temperature. Journal of the Chemical Society Chemical Communications, 1987, , 380.	2.0	8
64	The structures and conduction mechanisms of lithium-intercalated and lithium-substituted nickel phosphorus trisulphide (NiPS3), and the use of the material as a secondary battery electrode. Physica Status Solidi A, 1987, 100, 11-29.	1.7	37
65	Stability and degradation of some electrically conducting polymers. Polymer Degradation and Stability, 1987, 19, 323-341.	5.8	56
66	Durham poly acetylene: preparation and properties of the unoriented material. Synthetic Metals, 1986, 14, 245-269.	3.9	95
67	An e.s.r. study of isomerization and doping in Durham polyacetylene. Synthetic Metals, 1986, 16, 265-281.	3.9	9
68	A kinetic study of the Durham precursor route to polyacetylene. Polymer, 1986, 27, 448-454.	3.8	23
69	Some observations on the structure of Durham polyacetylene. Polymer, 1986, 27, 1719-1724.	3.8	22
70	Electronic Conduction in p- and n-Type NiPS3. Physica Status Solidi A, 1986, 93, 283-292.	1.7	12
71	Amine intercalates of lamellar compounds NiPS3 and CdPS3. Materials Research Bulletin, 1983, 18, 173-180.	5.2	42
72	Lithium ion diffusion in LixNiPS3 single crystals. Solid State Ionics, 1983, 8, 169-172.	2.7	23

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73	Optical and electronic properties of the layered semiconductors NiPS3 and FePS3. Materials Research Bulletin, 1980, 15, 189-193.	5.2	41
74	Performance of Nylon Based Polymer Foams at Elevated Temperature under Tensile Loading. Key Engineering Materials, 0, 488-489, 286-289.	0.4	0