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List of Publications by Year
in descending order

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Version: 2024-02-01

29 papers	2,412 citations	304368 22 h-index	500791 28 g-index
29 all docs	29 docs citations	29 times ranked	3262 citing authors

#	Article	IF	Citations
1	Preparation and characterization of polyaniline nanoparticles synthesized from DBSA micellar solution. Synthetic Metals, 2002, 126, 53-60.	2.1	392
2	Flexible, Angleâ€Independent, Structural Color Reflectors Inspired by Morpho Butterfly Wings. Advanced Materials, 2012, 24, 2375-2379.	11.1	276
3	Poly(3,4-ethylenedioxythiophene) nanoparticles prepared in aqueous DBSA solutions. Synthetic Metals, 2004, 141, 293-299.	2.1	218
4	Facile Synthesis of Poly(3,4â€ethylenedioxythiophene) Nanofibers from an Aqueous Surfactant Solution. Small, 2006, 2, 1164-1169.	5.2	164
5	Full Color Tunable Photonic Crystal from Crystalline Colloidal Arrays with an Engineered Photonic Stopâ€Band. Advanced Materials, 2012, 24, 6438-6444.	11.1	147
6	1-Dimensional structures of poly(3,4-ethylenedioxythiophene)(PEDOT): a chemical route to tubes, rods, thimbles, and belts. Chemical Communications, 2005, , 3092.	2.2	125
7	X-ray photoelectron spectroscopy study of electrically conducting polyaniline/polyimide blends. Polymer, 2000, 41, 3253-3262.	1.8	106
8	Organic-on-silicon complementary metalâ€“oxideâ€“semiconductor colour image sensors. Scientific Reports, 2015, 5, 7708.	1.6	94
9	Inkjet-printed electrochromic devices utilizing polyanilineâ€“silica and poly(3,4-ethylenedioxythiophene)â€“silica colloidal composite particles. Journal of Materials Chemistry, 2008, 18, 594.	6.7	86
10	Preparation of poly(3,4-ethylenedioxythiophene) (PEDOT) coated silica coreâ€“shell particles and PEDOT hollow particles. Chemical Communications, 2004, , 2154-2155.	2.2	82
11	Synthesis of Poly(3,4-ethylenedioxythiophene)/Silica Colloidal Nanocomposites. Langmuir, 2003, 19, 4523-4526.	1.6	78
12	Synthesis and degradation behavior of poly(ethyl cyanoacrylate). Polymer Degradation and Stability, 2008, 93, 1243-1251.	2.7	67
13	Physical properties and thermal transition of polyaniline film. Synthetic Metals, 2001, 124, 337-343.	2.1	64
14	Narrow-Band Organic Photodiodes for High-Resolution Imaging. ACS Applied Materials & Interfaces, 2016, 8, 26143-26151.	4.0	59
15	InP-Based Quantum Dot Light-Emitting Diode with a Blended Emissive Layer. ACS Energy Letters, 0, , 1577-1585.	8.8	50
16	Dielectric spectroscopy of conductive polyaniline salt films. Journal of Applied Polymer Science, 2001, 82, 2760-2769.	1.3	49
17	Preparation and characterization of polypyrroleâ€“silica colloidal nanocomposites in waterâ€“methanol mixtures. Journal of Colloid and Interface Science, 2003, 262, 418-427.	5.0	49
18	Polyaniline coated poly(butyl methacrylate) coreâ€“shell particles: roll-to-roll printing of templated electrically conductive structures. Journal of Materials Chemistry, 2007, 17, 1347-1352.	6.7	41

#	Article	IF	Citations
19	Electrical and structural analysis of conductive polyaniline/polyimide blends. Journal of Applied Polymer Science, 1999, 71, 2169-2178.	1.3	36
20	Electrically tunable photonic crystals from long-range ordered crystalline arrays composed of copolymer colloids. Journal of Materials Chemistry C, 2013, 1, 5791.	2.7	35
21	Structural Color Manipulation Using Tunable Photonic Crystals with Enhanced Switching Reliability. Advanced Optical Materials, 2014, 2, 535-541.	3.6	35
22	Processable conductive blends of polyaniline/polyimide. Journal of Applied Polymer Science, 1998, 67, 1863-1870.	1.3	33
23	Controlled degradation of poly(ethyl cyanoacrylate-co-methyl methacrylate) (PECA-co-PMMA) copolymers. Polymer, 2009, 50, 1270-1280.	1.8	25
24	Spectral reflectance switching of colloidal photonic crystal structure composed of positively charged TiO2 nanoparticles. Applied Physics Letters, 2012, 100, .	1.5	23
25	Stability enhancement of an electrically tunable colloidal photonic crystal using modified electrodes with a large electrochemical potential window. Applied Physics Letters, 2014, 104, .	1.5	20
26	Morphological study of conductive polyaniline/polyimide blends. I. Determination of compatibility by small-angle X-ray scattering method. Polymer, 2001, 42, 7449-7454.	1.8	19
27	Thermal stability study of conductive polyaniline/polyimide blend films on their conductivity and ESR measurement. Polymers for Advanced Technologies, 2002, 13, 320-328.	1.6	16
28	Electrochemical tuning the optical properties of crystalline colloidal arrays composed of poly(3,4-ethylenedioxythiophene) coated silica particles. Journal of Materials Chemistry, 2007, 17, 1149.	6.7	15
29	Angleâ€Independent Reflectors: Flexible, Angleâ€Independent, Structural Color Reflectors Inspired by Morpho Butterfly Wings (Adv. Mater. 18/2012). Advanced Materials, 2012, 24, 2366-2366.	11.1	8