Ivo Grabchev

List of Publications by Year
in descending order

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179 papers	4,262 citations	94433 37 h-index	175258 52 g-index
179 all docs	179 docs citations	179 times ranked	2272 citing authors

#	Article	IF	Citations
1	Pyrene-based fluorescent Ru(<scp>ii</scp>)-arene complexes for significant biological applications: catalytic potential, DNA/protein binding, two photon cell imaging and in vitro cytotoxicity. Dalton Transactions, 2022, 51, 3937-3953.	3.3	14
2	Characterization of a fluorescent 1,8-naphthalimide-functionalized PAMAM dendrimer and its Cu(ii) complexes as cytotoxic drugs: EPR and biological studies in myeloid tumor cells. Biological Chemistry, 2022, 403, 345-360.	2.5	8
3	Enhancing the antibacterial activity of <scp>PAMAM</scp> dendrimer modified with 1,8â€naphthalimides and its copper complex via light illumination. Polymers for Advanced Technologies, 2022, 33, 3163-3172.	3.2	4
4	Textile with a hydrogel and iron oxide nanoparticles for wastewater treatment after reactive dyeing. Journal of Applied Polymer Science, 2021, 138, 49954.	2.6	3
5	Dendrimer as antimicrobial agents. , 2021, , 363-384.		5
6	Detection of environmental pollutants heavy metal ions based on the complexation with fluorescent dyes: Reaction of 2-(2Ê1-hydroxyphenyl)-5-amino-benzotriazole with the Sn2+, Hg2+, and Pb2+ ions. Inorganic Chemistry Communication, 2021, 124, 108408.	3.9	16
7	Synthesis, Antitumor and Antibacterial Studies of New Shortened Analogues of (KLAKLAK)2-NH2 and Their Conjugates Containing Unnatural Amino Acids. Molecules, 2021, 26, 898.	3.8	11
8	Textile Materials Modified with Stimuli-Responsive Drug Carrier for Skin Topical and Transdermal Delivery. Materials, 2021, 14, 930.	2.9	15
9	1,8-Naphthalimide Derivatives as Dyes for Textile and Polymeric Materials: A Review. Fibers and Polymers, 2021, 22, 2368-2379.	2.1	8
10	Pollutants Sorbent Made of Cotton Fabric Modified with Chitosan-Glutaraldehyde and Zinc Oxide Particles. Materials, 2021, 14, 3242.	2.9	4
11	Synthesis and characterization of fluorescent PAMAM dendrimer modified with 1,8-naphthalimide units and its Cu(II) complex designed for specific biomedical application. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 415, 113312.	3.9	10
12	Photosensitive dendrimers as a good alternative to antimicrobial photodynamic therapy of Gram-negative bacteria. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 419, 113480.	3.9	6
13	Synthesis and characterisation of a new water soluble fluorescent cationic polymer and its microbiological activity. IOP Conference Series: Materials Science and Engineering, 2021, 1188, 012001.	0.6	0
14	Chemical modification and characterization of cotton fabric with 1,8-naphthalimide and its antibacterial activity. IOP Conference Series: Materials Science and Engineering, 2021, 1188, 012003.	0.6	0
15	Modified with chitosan cotton fabric for control release of indomethacin. IOP Conference Series: Materials Science and Engineering, 2021, 1188, 012004.	0.6	2
16	Synthesis of New Modified with Rhodamine B Peptides for Antiviral Protection of Textile Materials. Molecules, 2021, 26, 6608.	3.8	7
17	Cotton Fabric Modified with a PAMAM Dendrimer with Encapsulated Copper Nanoparticles: Antimicrobial Activity. Materials, 2021, 14, 7832.	2.9	8
18	Synthesis, spectral characteristics and sensor ability of new polyamidoamine dendrimers, modified with curcumin. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 228, 117554.	3.9	8

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19	Functionalization of PAMAM dendrimers with curcumin: Synthesis, characterization, fluorescent improvement and application on PET polymer. Dyes and Pigments, 2020, 174, 108081.	3.7	15
20	Synthesis, photophysical characterisation and antimicrobial activity of a new anionic PAMAM dendrimer. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 403, 112878.	3.9	4
21	Hyperbranched Polymers Modified with Dansyl Units and Their Cu(II) Complexes. Bioactivity Studies. Materials, 2020, 13, 4574.	2.9	2
22	Spectral characterization, antimicrobial and antibiofilm activity of poly(propylene imine) metallodendrimers in solution and applied onto cotton fabric. International Journal of Polymer Analysis and Characterization, 2020, 25, 374-384.	1.9	3
23	Synthesis, Photophysical Characterization, and Sensor Activity of New 1,8-Naphthalimide Derivatives. Sensors, 2020, 20, 3892.	3.8	6
24	Modified PAMAM dendrimers as a matrix for the photostabilization of curcumin. New Journal of Chemistry, 2020, 44, 17112-17121.	2.8	6
25	Study of the Mechanism of the Antimicrobial Activity of Novel Water Soluble Ammonium Quaternary Benzanthrone on Model Membranes. Journal of Membrane Biology, 2020, 253, 247-256.	2.1	2
26	Spectral Characteristics and Sensor Ability of a New 1,8-Naphthalimide and Its Copolymer with Styrene. Sensors, 2020, 20, 3501.	3.8	3
27	Synthesis and photophysical characterisation of 3-bromo-4-dimethylamino-1,8-naphthalimides and their evaluation as agents for antibacterial photodynamic therapy. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 401, 112730.	3.9	13
28	Synthesis, spectral properties and antimicrobial activity of a new cationic waterâ€soluble pHâ€dependent poly(propylene imine) dendrimer modified with 1,8â€naphthalimides. Luminescence, 2020, 35, 947-954.	2.9	5
29	Synthesis of a new fluorescent poly(propylene imine) dendrimer modified with 4-nitrobenzofurazan. Sensor and antimicrobial activity. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 395, 112506.	3.9	12
30	Surface Functionalization of Cotton Fabric with Fluorescent Dendrimers, Spectral Characterization, Cytotoxicity, Antimicrobial and Antitumor Activity. Chemosensors, 2019, 7, 17.	3.6	17
31	Synthesis, spectral characteristics and microbiological activity of benzanthrone derivatives and their Cu(II) complexes. Journal of Molecular Structure, 2019, 1197, 576-582.	3.6	12
32	A New Bioactive Complex between Zn(II) and a Fluorescent Symmetrical Benzanthrone Tripod for an Antibacterial Textile. Materials, 2019, 12, 3473.	2.9	10
33	New Poly(Propylene Imine) Dendrimer Modified with Acridine and Its Cu(II) Complex: Synthesis, Characterization and Antimicrobial Activity. Materials, 2019, 12, 3020.	2.9	13
34	Chemical modification of cotton fabric with 1,8-naphthalimide for use as heterogeneous sensor and antibacterial textile. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 382, 111924.	3.9	16
35	Antimicrobial, Antibiofilm and Cytotoxicity Activity of a New Acridine Hyperbranched Polymer in Solution and on Cotton Fabric. Fibers and Polymers, 2019, 20, 19-24.	2.1	11
36	pH sensor potential and antimicrobial activity of a new PPA dendrimer modified with benzanthrone fluorophores in solution and on viscose fabric. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 375, 24-29.	3.9	24

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37	Photophysical and antibacterial activity of light-activated quaternary eosin Y. Open Chemistry, 2019, 17, 1244-1251.	1.9	6
38	Synthesis and spectroscopic properties of a new fluorescent acridine hyperbranched polymer: Applications to acid sensing and as antimicrobial agent. European Polymer Journal, 2018, 102, 19-29.	5.4	10
39	Synthesis and Characterization of a New PAMAM Metallodendrimer for Antimicrobial Modification of Cotton Fabric. Macromolecular Research, 2018, 26, 332-340.	2.4	16
40	Preparation of some compounds and study their thermal stability for use in dye sensitized solar cells. Journal of Molecular Liquids, 2018, 261, 565-582.	4.9	31
41	Impact of Cu(<scp>ii</scp>) and Zn(<scp>ii</scp>) ions on the functional properties of new PAMAM metallodendrimers. New Journal of Chemistry, 2018, 42, 7853-7862.	2.8	21
42	Synthesis and characterization of new water soluble 9,10-anthraquinonÐµ and evaluation of its antimicrobial activity. Journal of Molecular Structure, 2018, 1168, 22-27.	3.6	4
43	Synthesis, characterisaion and antimicrobial activity of polypropylenamine metallodendrimers modified with 1,8-naphthalimides. Journal of Molecular Structure, 2018, 1164, 363-369.	3.6	12
44	Heterogeneous sensors for ammonia, amines and metal ions based on a dendrimer modified fluorescent viscose fabric. Dyes and Pigments, 2018, 155, 164-170.	3.7	23
45	Synthesis, spectral characterization, and in vitro antimicrobial activity in liquid medium and applied on cotton fabric of a new PAMAM metallodendrimer. International Journal of Polymer Analysis and Characterization, 2018, 23, 45-57.	1.9	14
46	Preparation of elastic polymer slices have the semiconductors properties for use in solar cells as a source of new and renewable energy. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 361, 76-85.	3.9	25
47	A new green fluorescent tripod based on 1,8-naphthalimide. Detection ability for metal cations and protons and antimicrobial activity. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 344, 143-148.	3.9	11
48	Ðntimicrobial and anticancer activity of new poly(propyleneamine) metallodendrimers. Journal of Polymer Research, 2017, 24, 1.	2.4	20
49	Preparation, characterization, and antibacterial activity of composite material: Cotton fabric/hydrogel/silver nanoparticles. International Journal of Polymer Analysis and Characterization, 2017, 22, 104-111.	1.9	10
50	Structural characterization of 1,8-naphthalimides and inÂvitro microbiological activity of their Cu(II) and Zn(II) complexes. Journal of Molecular Structure, 2017, 1130, 974-983.	3.6	9
51	Synthesis, structural characterization and antibacterial activity of cotton fabric modified with a hydrogel containing barium hexaferrite nanoparticles. Journal of Molecular Structure, 2017, 1127, 74-80.	3.6	27
52	Simultaneous measurement of fluorescence, conversion and physical/mechanical properties for monitoring bulk and localized photopolymerization reactions in heterogeneous systems. RSC Advances, 2016, 6, 41275-41286.	3.6	7
53	Spectral characterization and inÂvitro microbiological activity of new bis-1,8-naphthalimides and their Cu(II) complexes. Journal of Molecular Structure, 2016, 1110, 72-82.	3.6	10
54	Click chemistry to fluorescent hyperbranched polymeric sensors. 2. Synthesis, spectroscopic and cation-sensing properties of new green fluorescent 1,8-naphthalimides. European Polymer Journal, 2016, 74, 241-255.	5.4	16

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55	Synthesis, characterization and inÂvitro antimicrobial activity of a new fluorescent tris-benzo[de]anthracen-7-one and its Cu(II) complex. Tetrahedron, 2016, 72, 2440-2446.	1.9	10
56	A novel benzofurazan-cyclam conjugate and its Cu(II) complex: Synthesis, characterization and in vitro cytotoxicity and antimicrobial activity. Dyes and Pigments, 2016, 129, 71-79.	3.7	11
57	Synthesis and spectral characterization of a new PPA dendrimer modified with 4-bromo-1,8-naphthalimide and inÂvitro antimicrobial activity of its Cu(II) and Zn(II) metal complexes. Tetrahedron, 2015, 71, 1080-1087.	1.9	26
58	Synthesis, photophysical and antimicrobial activity of new water soluble ammonium quaternary benzanthrone in solution and in polylactide film. Journal of Photochemistry and Photobiology B: Biology, 2015, 143, 44-51.	3.8	25
59	Fluorescent Hydrogelâ€"Textile Composite Material Synthesized by Photopolymerization. International Journal of Polymeric Materials and Polymeric Biomaterials, 2015, 64, 838-847.	3.4	18
60	Synthesis and spectral characterization of a new blue fluorescent tripod for detecting metal cations and protons. Journal of Luminescence, 2015, 162, 149-154.	3.1	12
61	A cotton fabric modified with a hydrogel containing ZnO nanoparticles. Preparation and properties study. Applied Surface Science, 2015, 345, 72-80.	6.1	35
62	Poly(propylenamine) dendrimers modified with 4-amino-1,8-naphthalimide: Synthesis, characterization and in vitro microbiological tests of their Cu(II) and Zn(II) complexes. Inorganica Chimica Acta, 2015, 438, 179-188.	2.4	24
63	Synthesis, characterization and inÂvitro antimicrobial activity of a new blue fluorescent Cu(II) metal complex of bis-1,8-naphthalimide. Journal of Molecular Structure, 2015, 1101, 50-56.	3.6	12
64	Synthesis of New Blue Fluorescent Polymerizable 1,8-Naphthalimides and Their Copolymers with Styrene as Sensors for Fe(III) Cations. Journal of Chemistry, 2014, 2014, 1-7.	1.9	6
65	New detectors for metal cations and protons based on PAMAM dendrimers modified with 1,8-naphthalimide units. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 283, 1-7.	3.9	29
66	Combination of sensor potential and antimicrobial activity of a new 4-(2-dimethylaminoethyloxy)-N-buthyl-1,8-naphthalimide. Journal of Molecular Structure, 2014, 1071, 88-94.	3.6	9
67	Design and synthesis of a new fluorescent tripod for chemosensor applications. Tetrahedron, 2014, 70, 9366-9372.	1.9	11
68	Studying pH dependence of the photophysical properties of a blue emitting fluorescent PAMAM dendrimer and evaluation of its sensor potential. Dyes and Pigments, 2014, 105, 114-120.	3.7	41
69	Synthesis and functional characteristics of two new yellow-green fluorescent PAMAM dendrimers periphery modified with 1,8-naphthalimides. Inorganica Chimica Acta, 2014, 409, 89-95.	2.4	18
70	Spectral Analysis of Poly(propyleneamine) Dendrimers Peripherally Modified with 1,8-Naphthalimides. International Journal of Polymer Analysis and Characterization, 2013, 18, 390-397.	1.9	2
71	Surface enhanced Raman spectroscopy as a new spectral technique for quantitative detection of metal ions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 116, 339-347.	3.9	34
72	Sensor potential of 1,8-naphthalimide and its dyeing ability of cotton fabric. Dyes and Pigments, 2013, 98, 64-70.	3.7	12

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73	Synthesis and structural dependence of the functional properties of new green fluorescent poly(propyleneamine) dendrimers. Journal of Molecular Structure, 2013, 1038, 101-105.	3.6	9
74	Detection of Metal Ions and Protons with a New Blue Fluorescent Bis(1,8-Naphthalimide). International Journal of Inorganic Chemistry, 2013, 2013, 1-6.	0.6	1
75	Zn (II) and Cu (II) Halide Complexes of Poly(propylene amine) Dendrimer Analysed by Infrared and Raman Spectroscopies. International Journal of Inorganic Chemistry, 2013, 2013, 1-6.	0.6	0
76	Fluorescent Dendrimers As Sensors for Biologically Important Metal Cations. Current Medicinal Chemistry, 2012, 19, 4976-4983.	2.4	62
77	Ultrasonic synthesis and spectral characterization of a new blue fluorescent dendrimer as highly selective chemosensor for Fe3+ cations. Journal of Molecular Structure, 2012, 1015, 1-5.	3.6	23
78	A new detector for metal cations based on the combined effect of photoinduced electron transfer and a light harvesting system. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 222, 288-292.	3.9	11
79	Metal ions and protons sensing properties of new fluorescent 4-N-methylpiperazine-1,8-naphthalimide terminated poly(propyleneamine) dendrimer. Journal of Molecular Structure, 2011, 999, 16-21.	3.6	32
80	Spectroscopic characterizations on the N,Nâ€²-bis-alkyl derivatives of 1,4,6,8-naphthalenediimide charge-transfer complexes. Arabian Journal of Chemistry, 2011, 4, 83-97.	4.9	2
81	Spectroscopic, Thermal and Biological Studies on Newly Synthesized Cu(II), Ni(II) and Co(II) Complexes with 3-N-2-hydroxyethylamine Benzanthrone and 3-N-2-aminoethylamine Benzanthrone. Journal of the Korean Chemical Society, 2011, 55, 28-37.	0.2	1
82	Photophysical investigations on the sensor potential of novel, poly(propylenamine) dendrimers modified with 1,8-naphthalimide units. Dyes and Pigments, 2010, 85, 189-193.	3.7	23
83	Synthesis and spectroscopic studies of a new 1,8-naphthalimide dyad as detector for metal cations and protons. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 76, 150-154.	3.9	9
84	Smart Biosensors for Determination of Mycotoxines. NATO Science for Peace and Security Series A: Chemistry and Biology, 2010, , 389-414.	0.5	1
85	The synthesis of a novel 1,8-naphthalimide based PAMAM-type dendron and its potential for light-harvesting. Dyes and Pigments, 2009, 81, 180-186.	3.7	21
86	A new colorimetric and fluorimetric sensor for metal cations based on poly(propilene amine) dendrimer modified with 1,8-naphthalimide. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 201, 75-80.	3.9	22
87	Synthesis of benzanthron derivatives for selective detection by fluorescence of copper ions. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 201, 237-242.	3.9	16
88	Spectroscopic characterizations and biological studies on newly synthesized Cu2+ and Zn2+ complexes of first and second generation dendrimers. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 72, 772-782.	3.9	22
89	A polyamidoamine dendrimer as a selective colorimetric and ratiometric fluorescent sensor for Li+ cations in alkali media. Dyes and Pigments, 2009, 82, 336-340.	3.7	23
90	Studying the photophysical properties of a polymerizable 1,8â€naphthalimide dye and its copolymer with styrene as potential fluorescent sensors for metal cations. Polymers for Advanced Technologies, 2008, 19, 316-321.	3.2	20

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91	An iron(III) selective dendrite chelator based on polyamidoamine dendrimer modified with 4-bromo-1,8-naphthalimide. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 69, 100-104.	3.9	30
92	Spectral investigation of coordination of cuprum cations and protons at PAMAM dendrimer peripherally modified with 1,8-naphthalimide units. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 70, 532-536.	3.9	24
93	Spectroscopic and structural characterization of the charge-transfer interaction of N,Nâ€²-bis-alkyl derivatives of 1,4,6,8-naphthalenediimide with chloranilic and picric acids. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 70, 907-915.	3.9	17
94	New blue fluorescent sensors for metal cations and protons based on 1,8-naphthalimide. Dyes and Pigments, 2008, 77, 1-6.	3.7	45
95	First generation poly(propyleneimine) dendrimers functionalised with 1,8-naphthalimide units as fluorescence sensors for metal cations and protons. Tetrahedron, 2008, 64, 2113-2119.	1.9	55
96	Novel polymerizable light emitting dyes â€“ combination of a hindered amine with a 9-phenylxanthene fluorophore. Synthesis and photophysical investigations. Dyes and Pigments, 2007, 74, 187-194.	3.7	9
97	New green fluorescent polymer sensors for metal cations and protons. European Polymer Journal, 2007, 43, 4297-4305.	5.4	77
98	Synthesis and spectral properties of new green fluorescent poly(propyleneimine) dendrimers modified with 1,8-naphthalimide as sensors for metal cations. Polymer, 2007, 48, 6755-6762.	3.8	40
99	A new fluorosensor based on bis-1,8-naphthalimide for metal cations and protons. Journal of Photochemistry and Photobiology A: Chemistry, 2007, 189, 192-197.	3.9	39
100	UVâ€“vis, IR spectra and thermal studies of charge transfer complex formed between poly(amidoamine) dendrimers and iodine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 67, 58-65.	3.9	37
101	A novel fluorescent sensor for metal cations and protons based of bis-1,8-naphthalimide. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 67, 87-91.	3.9	38
102	Synthesis and characterization of N,Nâ€²-bis[2-hydroxyethyl]-1,4,6,8-naphthalenediimide with para substituted of phenols based on charge-transfer complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 68, 123-133.	3.9	22
103	Emission properties of thin films of electroactive doped polymers. Journal of Applied Spectroscopy, 2007, 74, 915-920.	0.7	0
104	Photodegradation of poly(amidoamine) dendrimers peripherally modified with 1,8-naphthalimide units. Polymer Degradation and Stability, 2007, 92, 1911-1915.	5.8	10
105	A novel blue fluorescent chemosensor for metal cations and protons, based on 1,8-naphthalimide and its copolymer with styrene. Polymers for Advanced Technologies, 2006, 17, 180-185.	3.2	36
106	Functional properties of fluorescent poly(amidoamine) dendrimers in nematic liquid crystalline media. Chemical Physics Letters, 2006, 422, 547-551.	2.6	7
107	Sensor activity, photodegradation and photostabilisation of a PAMAM dendrimer comprising 1,8-naphthalimide functional groups in its periphery. Polymer Degradation and Stability, 2006, 91, 2257-2264.	5.8	27
108	Sensors for detecting metal ions and protons based on new green fluorescent poly(amidoamine) dendrimers peripherally modified with 1,8-naphthalimides. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 179, 28-34.	3.9	42

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109	Green fluorescence poly(amidoamine) dendrimer functionalized with 1,8-naphthalimide units as potential sensor for metal cations. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 183, 9-14.	3.9	44
110	Spectral properties of new N,Nâ€²-bis-alkyl-1,4,6,8-naphthalenediimide complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2006, 64, 435-441.	3.9	30
111	Selective sensors for Zn2+ cations based on new green fluorescent poly(amidoamine) dendrimers peripherally modified with 1,8-naphthalimides. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2006, 65, 591-597.	3.9	35
112	Spectral and Luminescent Properties and Electroluminescence of Polyvinylcarbazole with 1,8-Naphthalimide in the Side Chain. Journal of Fluorescence, 2006, 16, 375-378.	2.5	44
113	Charge-transfer interaction of iodine with some polyamidoamines. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2005, 61, 205-211.	3.9	29
114	Novel functionalized 2-(2-hydroxyphenyl)-benzotriazole â€“ benzo[de]isoquinoline-1,3-dione fluorescent UV absorbers. Journal of Photochemistry and Photobiology A: Chemistry, 2005, 172, 308-315.	3.9	24
115	Novel adducts of a 2-(2-hydroxyphenyl)-benzotriazole and a blue emitting benzo[de]isoquinoline-1,3-dione for â€œone-stepâ€•fluorescent brightening and stabilization of polymers. Polymer Degradation and Stability, 2005, 88, 420-427.	5.8	12
116	Photophysical Properties of Fluorescent Copolymers of Methylmethacrylate for Use in Liquid Crystalline Systems. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2005, 60, 831-836.	1.5	1
117	Photothermal Properties of 3-Substituted Benzanthrone Dyes. Molecular Crystals and Liquid Crystals, 2005, 427, 57/[369]-69/[381].	0.9	3
118	Electrical and luminescence properties of a poly(amidoamine) dendrimer containing naphthalimide. Physics of the Solid State, 2004, 46, 2306-2310.	0.6	7
119	New green fluorescent polyvinylcarbazole copolymer with 1,8-naphthalimide side chains as chemosensor for iron cations. Polymers for Advanced Technologies, 2004, 15, 382-386.	3.2	29
120	Poly(aminoamine) Dendrimers Peripherally Modified with 4-Ethylamino-1,8-naphthalimide. Synthesis and Photophysical Properties.. ChemInform, 2004, 35, no.	0.0	0
121	Poly(amidoamine) dendrimers peripherally modified with 1,8-naphthalimides. Photodegradation and photostabilization on polyamide matrix. European Polymer Journal, 2004, 40, 1249-1254.	5.4	28
122	Synthesis and photophysical investigations of novel combined benzo[de]anthracen-7-one/2,2,6,6-tetramethylpiperidines as fluorescent stabilisers for polymer materials. Polymer Degradation and Stability, 2004, 85, 789-797.	5.8	20
123	Infrared spectral characterization of poly(amidoamine) dendrimers peripherally modified with 1,8-naphthalimides. Dyes and Pigments, 2004, 62, 229-234.	3.7	23
124	Poly(amidoamine) dendrimer peripherally modified with 4-N,N-dimethylaminoethyleneamino-1,8-naphthalimide as a sensor of metal cations and protons. Photochemical and Photobiological Sciences, 2004, 3, 1032.	2.9	51
125	Molecular Orientation of Some Fluorescent Dichroic Dyes in Nematic Liquid Crystal. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2004, 59, 368-374.	1.5	3
126	Synthesis of Ethyl 3-Aryl-1-methyl-8-oxo- 8H-anthra[9,1-gh]quinoline-2-carboxylates as Dyes for Potential Application in Liquid Crystal Displays. Organic Letters, 2003, 5, 2185-2187.	4.6	44

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127	Poly(amidoamine) dendrimers peripherally modified with 4-ethylamino-1,8-naphthalimide. Synthesis and photophysical properties. Tetrahedron, 2003, 59, 9591-9598.	1.9	61
128	Photophysical and photochemical properties of some 3-bromo-4-alkylamino-N-alkyl-1,8-naphthalimides. Dyes and Pigments, 2003, 58, 65-71.	3.7	31
129	Synthesis of new polymerizable 1,8-naphthalimide dyes containing a 2-hydroxyphenylbenzotriazole fragment. Dyes and Pigments, 2003, 59, 277-283.	3.7	39
130	A copolymer of 4-N,N-dimethylaminoethylene-N-allyl-1,8-naphthalimide with methylmethacrylate as a selective fluorescent chemosensor in homogeneous systems for metal cations. Journal of Photochemistry and Photobiology A: Chemistry, 2003, 158, 37-43.	3.9	96
131	Synthesis and functional properties of green fluorescent poly(methylmethacrylate) for use in liquid crystal systems. Polymers for Advanced Technologies, 2003, 14, 601-608.	3.2	44
132	Synthesis, photophysical and photochemical properties of fluorescent poly(amidoamine) dendrimers. Polymer, 2003, 44, 4421-4428.	3.8	71
133	Fluorescent 3-oxy benzanthrone dyes in liquid crystalline media. Dyes and Pigments, 2003, 58, 1-6.	3.7	33
134	A polyamidoamine dendrimer with peripheral 1,8-naphthalimide groups capable of acting as a PET fluorescent sensor for metal cations. New Journal of Chemistry, 2003, 27, 337-340.	2.8	94
135	Photophysical Properties of new Polymerizable 1,8-Naphthalimides and their Copolymers with Methylmethacrylate. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2003, 58, 558-562.	1.5	3
136	Photophysical and Photochemical Properties of Green Fluorescent Liquid Crystalline Systems. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2003, 58, 45-50.	1.5	9
137	Novel heterogeneous PET fluorescent sensors selective for transition metal ions or protons: polymers regularly labelled with naphthalimide. New Journal of Chemistry, 2002, 26, 920-925.	2.8	97
138	1,8-Naphthalimides as Blue Emitting Fluorophores for Polymer Materials. Macromolecular Materials and Engineering, 2002, 287, 904-908.	3.6	49
139	Colored microporous polyethylene films: effect of porous structure on dye adsorption. Materials Research Innovations, 2002, 6, 34-37.	2.3	7
140	Synthesis and application of new combined 2,2,6,6-tetramethylpiperidineâ€“2-hydroxybenzophenone 1,3,5-triazine derivatives as photostabilizers for polymer materials. Journal of Photochemistry and Photobiology A: Chemistry, 2002, 146, 199-205.	3.9	24
141	Synthesis and properties of new adducts of 2,2,6,6-tetramethylpiperidine and 2-hydroxyphenylbenzotriazole as polymer photostabilizers. Journal of Photochemistry and Photobiology A: Chemistry, 2002, 150, 223-231.	3.9	30
142	Synthesis and photophysical properties of 1,8-naphthalimide-labelled PAMAM as PET sensors of protons and of transition metal ions. Polymer, 2002, 43, 5731-5736.	3.8	112
143	Spectral Properties of 3-Benzanthrone Derivative Dyes in Isotropic Solvents, Polymer Film and Liquid Crystal. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2001, 56, 291-296.	1.5	13
144	Orientation of pores in microporous polyethylene films as determined by polarized absorption spectroscopy. Materials Research Innovations, 2001, 4, 301-305.	2.3	9

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145	Synthesis of new combined 2,2,6,6-tetramethylpiperidineâ€“2-hydroxyphenylbenzotriazole 1,3,5-triazine derivatives as stabilizers for polymers. Polymer Degradation and Stability, 2001, 74, 543-550.	5.8	40
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