

# Hugh D Burrows

## List of Publications by Citations

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304 papers	7,954 citations	45 h-index	68 g-index
311 ext. papers	8,345 ext. citations	4.5 avg, IF	5.64 L-index

#	Paper	IF	Citations
304	Reaction pathways and mechanisms of photodegradation of pesticides. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2002</b> , 67, 71-108	6.7	455
303	The photochemistry of the uranyl ion. <i>Chemical Society Reviews</i> , <b>1974</b> , 3, 139	58.5	284
302	Triplet energies of pi-conjugated polymers. <i>Physical Review Letters</i> , <b>2001</b> , 86, 1358-61	7.4	238
301	Binary Mutual Diffusion Coefficients of Aqueous Solutions of Sucrose, Lactose, Glucose, and Fructose in the Temperature Range from (298.15 to 328.15) K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2006</b> , 51, 1836-1840	2.8	128
300	Kinetics and Thermodynamics of Poly(9,9-dioctylfluorene) EPhase Formation in Dilute Solution. <i>Macromolecules</i> , <b>2006</b> , 39, 5854-5864	5.5	113
299	S1~>T1 intersystem crossing in Eonjugated organic polymers. <i>Journal of Chemical Physics</i> , <b>2001</b> , 115, 9601-9606	3.9	111
298	The thermal behaviour of divalent and higher valent metal soaps: a review. <i>Thermochimica Acta</i> , <b>1992</b> , 208, 1-41	2.9	96
297	Characterization of the triplet state of tris(8-hydroxyquinoline)aluminium(III) in benzene solution. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 15310-1	16.4	94
296	Triplet state dynamics on isolated conjugated polymer chains. <i>Chemical Physics</i> , <b>2002</b> , 285, 3-11	2.3	92
295	Photophysics of thiophene based polymers in solution: The role of nonradiative decay processes. <i>Journal of Chemical Physics</i> , <b>2003</b> , 118, 1550-1556	3.9	87
294	Influence of Solvent Quality on the Self-Organization of Archetypical Hairy RodsBranched and Linear Side Chain Polyfluorenes: Rodlike Chains versus Beta-SheetsIn Solution. <i>Macromolecules</i> , <b>2006</b> , 39, 6505-6512	5.5	83
293	Alternating BinaphthylThiophene Copolymers: Synthesis, Spectroscopy, and Photophysics and Their Relevance to the Question of Energy Migration versus Conformational Relaxation. <i>Macromolecules</i> , <b>2009</b> , 42, 1710-1719	5.5	81
292	The structure and thermal behaviour of some long chain cerium(III) carboxylates. <i>Journal of the Chemical Society, Faraday Transactions</i> , <b>1998</b> , 94, 1729-1736		80
291	Influence of Side Chain Length on the Self-Assembly of Hairy-Rod Poly(9,9-dialkylfluorene)s in the Poor Solvent Methylcyclohexane. <i>Macromolecules</i> , <b>2007</b> , 40, 9398-9405	5.5	79
290	On the triplet state of poly(N-vinylcarbazole). <i>Chemical Physics Letters</i> , <b>2004</b> , 400, 441-445	2.5	73
289	Picosecond conformational relaxation of singlet excited polyfluorene in solution. <i>Journal of Chemical Physics</i> , <b>2003</b> , 118, 7119-7126	3.9	72
288	Cationic polythiophene-surfactant self-assembly complexes: phase transitions, optical response, and sensing. <i>Langmuir</i> , <b>2012</b> , 28, 12348-56	4	67

287	Kinetic and thermodynamic character of reducing species produced on pulse radiolysis of acetonitrile. <i>Journal of the Chemical Society Faraday Transactions I</i> , <b>1977</b> , 73, 315		67
286	All-conjugated polyelectrolyte block copolymers. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 1423-1430		65
285	Interplay of electrostatic and hydrophobic effects with binding of cationic gemini surfactants and a conjugated polyanion: experimental and molecular modeling studies. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 4401-10	3.4	65
284	Changes in hydration of lanthanide ions on binding to DNA in aqueous solution. <i>Langmuir</i> , <b>2005</b> , 21, 10492-6	4	65
283	Structure and "surfactochromic" properties of conjugated polyelectrolyte (CPE): surfactant complexes between a cationic polythiophene and SDS in water. <i>Langmuir</i> , <b>2010</b> , 26, 15634-43	4	64
282	A comparative study of water soluble 5,10,15,20-tetrakis(2,6-dichloro-3-sulfophenyl)porphyrin and its metal complexes as efficient sensitizers for photodegradation of phenols. <i>Photochemical and Photobiological Sciences</i> , <b>2005</b> , 4, 617-24	4.2	64
281	Quenching of the luminescent state of the uranyl ion (UO <sub>2</sub> <sup>2+</sup> ) by metal ions. Evidence for an electron transfer mechanism. <i>Journal of the Chemical Society Faraday Transactions I</i> , <b>1976</b> , 72, 163		63
280	Spectral and photophysical studies of substituted indigo derivatives in their keto forms. <i>ChemPhysChem</i> , <b>2006</b> , 7, 2303-11	3.2	62
279	Fast and Slow Time Regimes of Fluorescence Quenching in Conjugated Polyfluorene-Fluorenone Random Copolymers: The Role of Exciton Hopping and Dexter Transfer along the Polymer Backbone. <i>Macromolecules</i> , <b>2006</b> , 39, 1598-1606	5.5	62
278	Conformational relaxation of p-phenylenevinylene trimers in solution studied by picosecond time-resolved fluorescence. <i>ChemPhysChem</i> , <b>2007</b> , 8, 2657-64	3.2	60
277	Transport properties of alkyltrimethylammonium bromide surfactants in aqueous solutions. <i>Colloid and Polymer Science</i> , <b>2004</b> , 283, 277-283	2.4	59
276	The effect of conjugation length on triplet energies, electron delocalization and electron-electron correlation in soluble polythiophenes. <i>Journal of Chemical Physics</i> , <b>2001</b> , 115, 9046-9049	3.9	57
275	Inorganic helping organic: recent advances in catalytic heterogeneous oxidations by immobilised tetrapyrrolic macrocycles in micro and mesoporous supports. <i>RSC Advances</i> , <b>2013</b> , 3, 22774	3.7	56
274	Solubilization of polyelectrolytic hairy-rod polyfluorene in aqueous solutions of nonionic surfactant. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 10248-57	3.4	56
273	Photooxidation of 4-chlorophenol sensitised by iron meso-tetrakis(2,6-dichloro-3-sulfophenyl)porphyrin in aqueous solution. <i>Photochemical and Photobiological Sciences</i> , <b>2004</b> , 3, 200-4	4.2	53
272	Aggregation of the hairy rod conjugated polyelectrolyte poly{1,4-phenylene-[9,9-bis(4-phenoxybutylsulfonate)]fluorene-2,7-diyl} in aqueous solution: an experimental and molecular modelling study. <i>Physical Chemistry Chemical Physics</i> , <b>2008</b> , 10, 4420-8	3.6	51
271	Aqueous solutions of uranium(VI) as studied by time-resolved emission spectroscopy: a round-robin test. <i>Applied Spectroscopy</i> , <b>2003</b> , 57, 1027-38	3.1	51
270	Immobilization of halogenated porphyrins and their copper complexes in MCM-41: Environmentally friendly photocatalysts for the degradation of pesticides. <i>Applied Catalysis B: Environmental</i> , <b>2010</b> , 100, 1-9	21.8	50

269	Kinetics and Mechanism of Photodegradation of Chlorophenols. <i>Progress in Reaction Kinetics and Mechanism</i> , <b>1998</b> , 23, 145-207	0.5	48
268	Binary Mutual Diffusion Coefficients of Aqueous Solutions of $\beta$ -Cyclodextrin, 2-Hydroxypropyl- $\beta$ -cyclodextrin, and 2-Hydroxypropyl- $\gamma$ -cyclodextrin at Temperatures from (298.15 to 312.15) K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2007</b> , 52, 586-590	2.8	47
267	Interaction between the water soluble poly{[1,4-phenylene-[9,9-bis(4-phenoxy butylsulfonate)]fluorene-2,7-diyl} copolymer and ionic surfactants followed by spectroscopic and conductivity measurements. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 19108-15	3.4	47
266	Photophysics of an indigo derivative (keto and leuco structures) with singular properties. <i>Journal of Physical Chemistry A</i> , <b>2006</b> , 110, 13653-61	2.8	47
265	Deactivation processes of the lowest excited state of $[\text{UO}_2(\text{H}_2\text{O})_5]^{2+}$ in aqueous solution. <i>Photochemical and Photobiological Sciences</i> , <b>2003</b> , 2, 569-75	4.2	47
264	Hole formation and transfer in poly[9,9-di(ethylhexyl)fluorene] and an amine end-capped derivative in solution. <i>Chemical Physics Letters</i> , <b>2004</b> , 385, 105-110	2.5	46
263	Synthesis, spectra and photophysics of some free base tetrafluoroalkyl and tetrafluoroaryl porphyrins with potential applications in imaging. <i>Photochemistry and Photobiology</i> , <b>2002</b> , 75, 249-56	3.6	46
262	Monitoring Ternary Systems of C12E5/Water/Tetradecane via the Fluorescence of Solvatochromic Probes. <i>Journal of Physical Chemistry B</i> , <b>2002</b> , 106, 4061-4069	3.4	46
261	Electron-Transfer Oxidation of Chlorophenols by Uranyl Ion Excited State in Aqueous Solution. Steady-State and Nanosecond Flash Photolysis Studies. <i>Journal of Physical Chemistry A</i> , <b>2000</b> , 104, 3142-3149	3.8	46
260	$\beta$ -Carboline Photosensitizers. 3. Studies on Ground and Excited State Partitioning in AOT/Water/Cyclohexane Microemulsions. <i>The Journal of Physical Chemistry</i> , <b>1995</b> , 99, 16093-16100		46
259	Novel porphyrins and a chlorin as efficient singlet oxygen photosensitizers for photooxidation of naphthols or phenols to quinones. <i>Perkin Transactions II RSC</i> , <b>2000</b> , 2441-2447		45
258	Applications and limitations of uranyl ion as a photophysical probe. <i>Advances in Colloid and Interface Science</i> , <b>2001</b> , 89-90, 485-96	14.3	44
257	Photodegradation of atrazine and ametryn with visible light using water soluble porphyrins as sensitizers. <i>Environmental Chemistry Letters</i> , <b>2007</b> , 5, 29-33	13.3	43
256	Triplet-state and singlet oxygen formation in fluorene-based alternating copolymers. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 8278-83	3.4	43
255	Effect of terbium(III) chloride on the micellization properties of sodium decyl- and dodecyl-sulfate solutions. <i>Journal of Colloid and Interface Science</i> , <b>2007</b> , 306, 166-74	9.3	42
254	Photophysical studies of alpha,omega-dicyano-oligothiophenes $\text{NC}(\text{C}_4\text{H}_2\text{S})_n\text{CN}$ ( $n = 1-6$ ). <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 6499-505	3.4	42
253	The photo-oxidation of 2,6-dimethylphenol and monophenylphenols by uranyl ion in aqueous solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>1997</b> , 107, 101-106	4.7	40
252	The triplet state of indigo. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 2094-6	16.4	40

251	Intra-chain triplet-triplet annihilation and delayed fluorescence in soluble conjugated polymers. <i>Chemical Physics Letters</i> , <b>2001</b> , 340, 467-472	2.5	40
250	Endocrine disrupting chemicals: Impact on human health, wildlife and the environment. <i>Science Progress</i> , <b>2019</b> , 102, 3-42	1.1	39
249	Conjugated polyelectrolyte (CPE) poly[3-[6-(N-methylimidazolium)hexyl]-2,5-thiophene] complexed with aqueous sodium dodecylsulfate amphiphile: synthesis, solution structure and surfactochromic properties. <i>Soft Matter</i> , <b>2011</b> , 7, 6863	3.6	39
248	Synthesis and properties of polyaniline/cellulose acetate blends: The use of sugarcane bagasse waste and the effect of the substitution degree. <i>Carbohydrate Polymers</i> , <b>2009</b> , 78, 402-408	10.3	39
247	Binding of polynucleotides to conjugated polyelectrolytes and its applications in sensing. <i>Advances in Colloid and Interface Science</i> , <b>2010</b> , 158, 94-107	14.3	39
246	Electron transfer from halide ions to uranyl(2+) excited-state ions in aqueous solution: formation and decay of dihalide radical anions. <i>Inorganic Chemistry</i> , <b>1990</b> , 29, 1549-1554	5.1	39
245	Platinum(II) Ring-Fused Chlorins as Near-Infrared Emitting Oxygen Sensors and Photodynamic Agents. <i>ACS Medicinal Chemistry Letters</i> , <b>2017</b> , 8, 310-315	4.3	38
244	Some Transport Properties of $\beta$ -Cyclodextrin Aqueous Solutions at (298.15 and 310.15) K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2008</b> , 53, 755-759	2.8	38
243	Priority pesticides in sediments of European coastal lagoons: A review. <i>Marine Pollution Bulletin</i> , <b>2016</b> , 112, 6-16	6.7	38
242	Modulating the emission intensity of poly-(9,9-bis(6'-N,N,N-trimethylammonium)hexyl)-fluorene phenylene) bromide through interaction with sodium alkylsulfonate surfactants. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 13560-9	3.4	37
241	Spectral and photophysical studies on cruciform oligothiophenes in solution and the solid state. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 15100-6	3.4	37
240	Interactions of vanadates with carbohydrates in aqueous solutions. <i>Journal of Molecular Structure</i> , <b>2004</b> , 703, 93-101	3.4	37
239	Cyanobacteria and microalgae: a renewable source of bioactive compounds and other chemicals. <i>Science Progress</i> , <b>2015</b> , 98, 145-68	1.1	35
238	Thermodynamic analysis of the interaction between trivalent metal ions and sodium dodecyl sulfate: An electrical conductance study. <i>Journal of Molecular Liquids</i> , <b>2010</b> , 156, 109-114	6	35
237	Effect of europium(III) chloride on the aggregation behavior of sodium dodecyl sulfate. <i>Langmuir</i> , <b>2006</b> , 22, 5625-9	4	35
236	Cation Polyelectrolyte Interactions in Aqueous Sodium Poly(vinyl sulfonate) as Seen by Ce <sup>3+</sup> to Tb <sup>3+</sup> Energy Transfer. <i>Langmuir</i> , <b>2002</b> , 18, 1872-1876	4	35
235	Solubilization of poly{1,4-phenylene-[9,9-bis(4-phenoxy-butylsulfonate)]fluorene-2,7-diyl} in water by nonionic amphiphiles. <i>Langmuir</i> , <b>2009</b> , 25, 5545-56	4	34
234	Aqueous solution behavior of anionic fluorene-co-thiophene-based conjugated polyelectrolytes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2009</b> , 1, 864-74	9.5	34

233	Selective fluorescence quenching in cationic fluorene-thiophene diblock copolymers for ratiometric sensing of anions. <i>Macromolecular Rapid Communications</i> , <b>2013</b> , 34, 717-22	4.8	33
232	Structural considerations and reactivity of peroxocomplexes of V(V), Mo(VI) and W(VI). <i>Dalton Transactions</i> , <b>2011</b> , 40, 4374-83	4.3	33
231	Photophysics of the excited uranyl ion in aqueous solutions. Part 6. Quenching effects of aliphatic alcohols. <i>Journal of the Chemical Society Faraday Transactions I</i> , <b>1989</b> , 85, 2625		33
230	The thermal behaviour and spectral properties of some long chain copper(II) carboxylates. <i>Thermochimica Acta</i> , <b>1982</b> , 52, 121-129	2.9	33
229	Synthesis of new metalloporphyrin triads: efficient and versatile tripod optical sensor for the detection of amines. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 7916-8	5.1	32
228	Gel Formation and Interpolymer Alkyl Chain Interactions with Poly(9,9-dioctylfluorene-2,7-diyl) (PFO) in Toluene Solution: Results from NMR, SANS, DFT, and Semiempirical Calculations and Their Implications for PFO Phase Formation. <i>Macromolecules</i> , <b>2011</b> , 44, 334-343	5.5	32
227	Cationic fluorene-thiophene diblock copolymers: Aggregation behaviour in methanol/water and its relation to thin film structures. <i>Polymer</i> , <b>2010</b> , 51, 1898-1903	3.9	32
226	Aggregation and micellization of sodium dodecyl sulfate in the presence of Ce(III) at different temperatures: a conductometric study. <i>Journal of Colloid and Interface Science</i> , <b>2008</b> , 323, 141-5	9.3	32
225	Synthesis, Structural and Photophysical Evaluations of Urea Based Fluorescent PET Sensors for Anions. <i>Supramolecular Chemistry</i> , <b>2008</b> , 20, 407-418	1.8	32
224	Spectral and photophysical characterization of donor-pi-acceptor arylthienyl- and bithienyl-benzothiazole derivatives in solution and solid state. <i>Journal of Physical Chemistry A</i> , <b>2007</b> , 111, 8574-8	2.8	32
223	Diffusion Coefficients of Copper Chloride in Aqueous Solutions at 298.15 K and 310.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2005</b> , 50, 1986-1990	2.8	32
222	Triplet state studies of carbolines. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2001</b> , 146, 29-36	4.7	32
221	Cation Association with Sodium Dodecyl Sulfate Micelles As Seen by Lanthanide Luminescence. <i>Journal of Physical Chemistry B</i> , <b>2002</b> , 106, 6966-6972	3.4	32
220	Photophysics of the excited uranyl ion in aqueous solutions. Part 1. Reversible crossing. <i>Journal of the Chemical Society Faraday Transactions I</i> , <b>1984</b> , 80, 1717		32
219	Fluorene based conjugated polyelectrolyte/silica nanocomposites: charge-mediated phase aggregation at the organic-inorganic interface. <i>Advanced Materials</i> , <b>2010</b> , 22, 3032-7	24	31
218	Interaction between the conjugated polyelectrolyte poly{1,4-phenylene[9,9-bis(4-phenoxybutylsulfonate)]fluorene-2,7-diyl} copolymer and the lecithin mimic 1-O-(l-Arginyl)-2,3-O-dilauroyl-sn-glycerol in aqueous solution. <i>Langmuir</i> , <b>2006</b> , 22, 10170-4	4	31
217	Size and ability do matter! Influence of acidity and pore size on the synthesis of hindered halogenated meso-phenyl porphyrins catalysed by porous solid oxides. <i>Chemical Communications</i> , <b>2014</b> , 50, 6571-3	5.8	30
216	Association between ammonium monovanadate and cyclodextrin as seen by NMR and transport techniques. <i>Polyhedron</i> , <b>2006</b> , 25, 3581-3587	2.7	30



215	Permeation of water as a tool for characterizing the effect of solvent, film thickness and water solubility in cellulose acetate membranes. <i>European Polymer Journal</i> , <b>2005</b> , 41, 275-281	5.2	30
214	Kinetics of photodegradation of the fungicide fenarimol in natural waters and in various salt solutions: salinity effects and mechanistic considerations. <i>Water Research</i> , <b>2000</b> , 34, 1119-1126	12.5	30
213	NMR, DFT and luminescence studies of the complexation of Al(III) with 8-hydroxyquinoline-5-sulfonate. <i>Dalton Transactions</i> , <b>2012</b> , 41, 12478-89	4.3	29
212	Catalytic oxidative degradation of s-triazine and phenoxyalkanoic acid based herbicides with metalloporphyrins and hydrogen peroxide: Identification of two distinct reaction schemes. <i>Journal of Molecular Catalysis A</i> , <b>2009</b> , 297, 35-43		29
211	Luminescence from cerium(III) acetate complexes in aqueous solution: considerations on the nature of carboxylate binding to trivalent lanthanides. <i>New Journal of Chemistry</i> , <b>2008</b> , 32, 1531	3.6	29
210	Interactions of Copper (II) Chloride with $\beta$ -Cyclodextrin in Aqueous Solutions. <i>Journal of Carbohydrate Chemistry</i> , <b>2006</b> , 25, 173-185	1.7	29
209	Halide ion induced quenching and enhancement of the fluorescence of fluoranthene solubilized in cetyltrimethylammonium bromide (CTAB) micelles. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , <b>1980</b> , 76, 685		29
208	Density functional theory study of the oxoperoxo vanadium(V) complexes of glycolic acid. Structural correlations with NMR chemical shifts. <i>Dalton Transactions</i> , <b>2009</b> , 9735-45	4.3	28
207	Solvent dependent assembly of a polyfluorene-polythiophene "rod-rod" block copolyelectrolyte: influence on photophysical properties. <i>Langmuir</i> , <b>2010</b> , 26, 5056-66	4	28
206	Synthesis and characterization of new aromatic polyamides bearing crown ethers and acyclic ethylene oxide units in the pendant structure. III. Benzo-18-crown-6 systems and their open-chain counterparts. <i>Journal of Polymer Science Part A</i> , <b>2006</b> , 44, 6252-6269	2.5	28
205	Electronic spectral and photophysical properties of some p-phenylenevinylene oligomers in solution and thin films. <i>Chemical Physics</i> , <b>2006</b> , 330, 449-456	2.3	28
204	Kinetic and mechanistic aspects of the direct photodegradation of atrazine, atraton, ametryn and 2-hydroxyatrazine by 254 nm light in aqueous solution. <i>Journal of Physical Organic Chemistry</i> , <b>2003</b> , 16, 498-503	2.1	28
203	Conformational studies of poly(9,9-dialkylfluorene)s in solution using NMR spectroscopy and density functional theory calculations. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 11808-21	3.4	27
202	An effect of side chain length on the solution structure of poly(9,9-dialkylfluorene)s in toluene. <i>Polymer</i> , <b>2008</b> , 49, 2033-2038	3.9	27
201	Permeation of sodium dodecyl sulfate through polyaniline-modified cellulose acetate membranes. <i>Polymer</i> , <b>2005</b> , 46, 5918-5928	3.9	27
200	Metalloporphyrin triads: Synthesis and photochemical characterization. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2012</b> , 242, 59-66	4.7	26
199	Energy transfer from fluorene-based conjugated polyelectrolytes to on-chain and self-assembled porphyrin units. <i>Journal of Polymer Science Part A</i> , <b>2012</b> , 50, 1408-1417	2.5	26
198	<sup>207</sup> Pb N.M.R. of lead(II) soaps in solid, liquid-crystalline and liquid phases. <i>Liquid Crystals</i> , <b>1988</b> , 3, 853-860	6.3	26

197	Fluorescence behavior of a pyrene-end-capped poly(ethylene oxide) in organic solvents and in dioxane-water mixtures. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 618-26	3.4	25
196	Oxoperoxo vanadium(V) complexes of L-lactic acid: density functional theory study of structure and NMR chemical shifts. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 7317-26	5.1	25
195	On the low-lying excited states of sym-triazine-based herbicides. <i>ChemPhysChem</i> , <b>2005</b> , 6, 306-14	3.2	25
194	Photochemical hydrogen abstractions as radiationless transitions. Part 3. Theoretical analysis of hydrogen abstraction by excited uranyl (UO <sub>2</sub> <sup>2+</sup> ) ion. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , <b>1977</b> , 73, 201-208		25
193	Synergistic photoluminescence enhancement in conjugated polymer-di-ureasil organic-inorganic composites. <i>Chemical Science</i> , <b>2015</b> , 6, 7227-7237	9.4	24
192	Photoacoustic measurement of electron injection efficiencies and energies from excited sensitizer dyes into nanocrystalline TiO <sub>2</sub> films. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 8876-7	16.4	24
191	Diffusion coefficients of sodium dodecylsulfate in aqueous solutions of sucrose and in aqueous solutions. <i>Journal of Molecular Liquids</i> , <b>2001</b> , 94, 193-201	6	24
190	Transport Properties of Concentrated Aqueous Sodium Dodecyl Sulfate Solutions in Polymer Membranes Derived from Cellulose Esters. <i>Langmuir</i> , <b>2000</b> , 16, 6475-6479	4	24
189	What conjugated polyelectrolytes tell us about aggregation in polyelectrolyte/surfactant systems. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 210, 82-99	6	23
188	[8+2] Cycloaddition of meso-Tetra- and 5,15-Diarylporphyrins: Synthesis and Photophysical Characterization of Stable Chlorins and Bacteriochlorins. <i>European Journal of Organic Chemistry</i> , <b>2011</b> , 2011, 3970-3979	3.2	23
187	NMR, DFT and luminescence studies of the complexation of Zn(II) with 8-hydroxyquinoline-5-sulfonate. <i>Dalton Transactions</i> , <b>2011</b> , 40, 11732-41	4.3	23
186	Singlet-singlet energy transfer in self-assembled systems of the cationic poly[9,9-bis[6-N,N,N-trimethylammonium]hexyl]fluorene-co-1,4-phenylene} with oppositely charged porphyrins. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 16093-100	3.4	23
185	Crown moieties as cation host units in model polyamide compounds: Application in liquid-liquid cation extraction and in membrane cation transport. <i>European Polymer Journal</i> , <b>2007</b> , 43, 3838-3848	5.2	23
184	Triplet state spectroscopy of conjugated polymers studied by pulse radiolysis. <i>Synthetic Metals</i> , <b>2001</b> , 116, 75-79	3.6	23
183	Photooxidation of cellulose acetate and cellobiose by the uranyl ion. <i>Photochemical and Photobiological Sciences</i> , <b>2004</b> , 3, 317-21	4.2	22
182	The interaction of long chain sodium carboxylates and sodium dodecylsulfate with lead(II) ions in aqueous solutions. <i>Journal of Colloid and Interface Science</i> , <b>2014</b> , 414, 66-72	9.3	21
181	Optical and Photovoltaic Properties of Thieno[3,2-]thiophene-Based Push-Pull Organic Dyes with Different Anchoring Groups for Dye-Sensitized Solar Cells. <i>ACS Omega</i> , <b>2017</b> , 2, 9268-9279	3.9	21
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