

Publications of Prof. P. Ramamurthy

Sl. NO.	Authors	Title	Publication	Volume	Pages	Year	Impact Factor
121	V. Ramanan, J. Amirthasurya K. Raji, S.K. Thiagarajan, P. Ramamurthy	Investigation of electron transfer properties of nitrogen-doped carbon dots obtained from a dialysis-free approach	J. Indian Chem. Soc.,	95	1587-1596	2018	
120	K Anju, S Gayathri, A Sumita, P Ramamurthy, R Kumaran	Photophysical studies on the interaction of PET and non-PET based acridinedionedyes with glycine in water	Journal of Luminescence	199	352-362	2018	2.732
119	R Suresh, Senthil Kumar T P Ramamurthy	An AIE based fluorescent probe for digital lifting of latent fingerprint marks down to minutiae level	Sensors and Actuators B: Chemical	258	184-192	2018	5.667
118	V Ramanan, B Siddaiah, K Raji, P Ramamurthy	Green Synthesis of Multifunctionalized, Nitrogen-Doped, Highly Fluorescent Carbon Dots from Waste Expanded Polystyrene and Its Application in the Fluorimetric Detection of Au ³⁺ Ions in Aqueous Media	ACS Sustainable Chemistry & Engineering.	6	1627-1638	2018	6.140
117	Vadivel Ramanan, Supriya Hegde Subray, Perumal Ramamurthy	A green synthesis of highly luminescent carbon dots from itaconic acid and their application as an efficient sensor for Fe 3+ ions in aqueous medium	New Journal of Chemistry	42	8933-8942	2018	3.201
116	Senthil Kumar T, R Suresh, V Ramanan, P Ramamurthy	Deciphering the incognito role of water in a light driven proton coupled electron transfer process	Chemical Science	9	910-921	2018	9.063
115	P. Dharmalingam V. Ramanan G. G. Karthikeyan N. S. Palani R. Ilangoan P. Ramamurthy	A study on the electrochemical performance of nitrogen and oxygen co-doped carbon dots derived from a green precursor for supercapacitor applications	Journal of Materials Science: Materials in Electronics,	28	1848-18496	2017	2.324

114	V. Ramanan, S.K. Thiagarajan, K. Raji, R. Suresh, R.Sekar, P. Ramamurthy	Outright Green Synthesis of Fluorescent Carbon Dots from Eutrophic Algal Blooms for invitro imaging	ACS Sustainable Chemistry & Engineering	4(9)	4724-4731	2016	5.627
113	S.Raghupathy, T.S. Kumar, P.Ramamurthy	<i>Encumbrance in desilylation triggered fluorogeneic detection of fluoride ion - A kinetic approach</i>	<i>Physical Chemistry Chemical Physics</i>			2016	4.449
112	Thiyagarajan, Senthil Kumar; Raghupathy, Suresh; Palanivel, Dharmalingam; Raji, Kaviyarasan; Ramamurthy, Perumal;	Fluorescent carbon nano dots from lignite: unveiling the impeccable evidence for quantum confinement	Physical Chemistry Chemical Physics	18	12065 - 12073	2016	4.449
111	Ramanan, Vadivel; Kathiravan, Arunkumar; Ramamurthy, Perumal;	Probing electron transfer dynamics of phenosafranine with iodide	Journal of Luminescence	169	245-250	2016	1.452
110	Kumaran, Rajendran; Vanjinathan, Mahalingam; Ramamurthy, Perumal;	Role of hydrogen-bonding and photoinduced electron transfer (PET) on the interaction of resorcinol based acridinedione dyes with Bovine Serum Albumin (BSA) in water	Journal of Luminescence	164	146-153	2015	1.452
109	Dhenadhayalan, Namasivayam; Lin, King-Chuen; Suresh, Raghupathy; Ramamurthy, Perumal;	Unravelling the Multiple Emissive States in Citric-Acid-Derived Carbon Dots	The Journal of Physical Chemistry C	120	1252-1261	2015	4.509
108	Divya, Kizhmuri P; Sreejith, Sivaramapanicker; Ashokkumar, Pichandi; Yuzhan, Kang; Peng, Qiwen;	A ratiometric fluorescent molecular probe with enhanced two-photon response upon Zn ²⁺ binding for in vitro and in vivo bioimaging	Chemical Science	5	3469-3474	2014	9.144

	Maji, Swarup Kumar; Tong, Yan; Yu, Hanry; Zhao, Yanli; Ramamurthy, Perumal;						
107	Ashokkumar, R; Kathiravan, A; Ramamurthy, P;	Aggregation behaviour and electron injection/recombination dynamics of symmetrical and unsymmetrical Zn-phthalocyanines on TiO ₂ film	Physical Chemistry Chemical Physics	16	1015-1021	2014	4.449
106	Senthil Murugan, Krishnan; Rajendran, Thangamuthu; Balakrishnan, Gopalakrishnan; Ganesan, Muniyandi; Sivasubramanian, Veluchamy Kamaraj; Sankar, Jeyaraman; Ilangoan, Andivelu; Ramamurthy, Perumal; Rajagopal, Seenivasan;	Visible-Light Activation of the Bimetallic Chromophore–Catalyst Dyad: Analysis of Transient Intermediates and Reactivity toward Organic Sulfides	The Journal of Physical Chemistry A	118	4451-4463	2014	2.883
105	Kumaran, R; Ramamurthy, P;	Photophysical studies on the interaction of amides with Bovine Serum Albumin (BSA) in aqueous solution: Fluorescence quenching and protein unfolding	Journal of Luminescence	148	277-284	2014	1.452
104	Ashokkumar, R; Kathiravan, A; Ramamurthy, P;	Zn-phthalocyanine-functionalized nanometal and nanometal–TiO ₂ hybrids: aggregation behavior and excited-state dynamics	Physical Chemistry Chemical Physics	16	14139 - 14149	2014	4.449
103	Shanmugapriya, Tamilmani;	Photoluminescence enhancement of nanogold	The Journal of Physical Chemistry C	117	12272 - 12278	2013	4.509

	Ramamurthy, Perumal;	decorated CdS quantum dots					
102	Kathiravan, A; Raghavendra, V; Kumar, R Ashok; Ramamurthy, P;	Protoporphyrin IX on TiO ₂ electrode: A spectroscopic and photovoltaic investigation	Dyes and Pigments	96	196-203	2013	4.055
101	Periyaraja, Somasundharam ; Shanmugam, Ponnusamy; Mandal, Asit Baran; Kumar, Thiyagarajan Senthil; Ramamurthy, Perumal;	Unusual reactivity of 1-aminoanthraquinone in copper catalyzed multicomponent reaction with isatins and aryl alkynes: synthesis and photophysical properties of regioisomeric fluorescent 3-spiroheterocyclic 2-oxindoles	Tetrahedron	69	2891-2899	2013	2.641
100	Krishnaveni, R; Ramamurthy, P;	Förster resonance energy transfer between acridinediones and selected fluorophores—Medium dependence	Journal of Luminescence	138	242-250	2013	1.452
99	Sharma, Shailesh N; Vats, Tanvi; Dhenadhayalan, N; Ramamurthy, P; Narula, AK;	Ligand-dependent transient absorption studies of hybrid polymer: CdSe quantum dot composites	Solar Energy Materials and Solar Cells	100	15-Jun	2012	4.63
98	Krishnaveni, R; Ramamurthy, P; Malar, EJ Padma; Divya, P;	Synthesis and characterization of NADH model compound modified β -cyclodextrin and its role as an energy donor in FRET	Journal of Photochemistry and Photobiology A: Chemistry	229	60-68	2012	2.477
97	Thangaraju, K; Kumaran, R; Ramamoorthy, P; Narayanan, V; Kumar, J;	Study on photoluminescence from tris-(8-hydroxyquinoline) indium thin films and influence of light	Optik-International Journal for Light and Electron Optics	123	1393-1396	2012	0.769
96	Ashokkumar, P; Ramakrishnan, VT; Ramamurthy, P;	Photoinduced electron transfer (PET) based Zn ²⁺ fluorescent probe: transformation of turn-on sensors into ratiometric ones with dual emission in acetonitrile	The Journal of Physical Chemistry A	115	14292-14299	2011	2.883

95	Velu, R; Ramakrishnan, VT; Ramamurthy, P;	Selective fluoride ion recognition by a thiourea based receptor linked acridinedione functionalized gold nanoparticles	Journal of Photochemistr y and Photobiology A: Chemistry	217	313- 320	2011	2.477
94	Koteeswari, Ranganathan; Ashokkumar, Pichandi; Malar, EJ Padma; Ramakrishnan, Vayalakkavoor T; Ramamurthy, Perumal;	Highly selective, sensitive and quantitative detection of Hg 2+ in aqueous medium under broad pH range	Chemical Communicatio ns	47	7695- 7697	2011	6.567
93	Shanmugapriya, T; Vinayakan, R; Thomas, K George; Ramamurthy, P;	Synthesis of CdS nanorods and nanospheres: shape tuning by the controlled addition of a sulfide precursor at room temperature	CrystEngComm	13	2340- 2345	2011	3.849
92	Kumaran, R; Ramamurthy, P;	Denaturation mechanism of BSA by urea derivatives: evidence for hydrogen- bonding mode from fluorescence tools	Journal of fluorescence	21	1499- 1508	2011	1.601
91	Dhenadhayalan, Namasivayam; Selvaraju, Chellappan; Ramamurthy, Perumal;	Photoionization and time- dependent stokes shift of coumarin 307 in soft matter: solvation and radical-ion pair recombination dynamics	The Journal of Physical Chemistry B	115	10892 - 10902	2011	3.187
90	Swarnalatha, K; Rajkumar, E; Rajagopal, S; Ramaraj, R; Banu, I Sadhiya; Ramamurthy, P;	Proton coupled electron transfer reaction of phenols with excited state ruthenium (II)–polypyridyl complexes	Journal of Physical Organic Chemistry	24	14-21	2011	1.38
89	Ashokkumar, Pichandi; Ramakrishnan, Vayalakkavoor T; Ramamurthy, Perumal;	Head-to-Tail Intermolecular Hydrogen Bonding of OH and NH Groups with Fluoride	ChemPhysChe m	12	389- 396	2011	3.138

88	Nithyanandan, Sivasankaran; Kannan, Palaninathan; Senthil Kumar, Karuppannan; Ramamurthy, Perumal;	Optical switching, photophysical, and electrochemical behaviors of pendant triazole-linked indolylfulgimide polymer	Journal of Polymer Science Part A: Polymer Chemistry	49	1138-1146	2011	3.113
87	Kumaran, R; Ramamurthy, P;	Photophysical Studies on the Interaction of Formamide and Alkyl Substituted Amides with Photoinduced Electron Transfer (PET) Based Acridinedione Dyes in Water	Journal of fluorescence	21	2165-2172	2011	1.601
86	Manickasundaram, S; Kannan, P; Kumaran, R; Velu, R; Ramamurthy, P; Hassan, QMA; Palanisamy, PK; Senthil, S; Narayanan, S Sriman;	Holographic grating studies in pendant xanthene dyes containing poly (alkyloxymethacrylate) s	Journal of Materials Science: Materials in Electronics	22	25-34	2011	1.738
85	Velu, Ranganathan; Ramakrishnan, Vayalakkavoor T; Ramamurthy, Perumal;	Colorimetric and fluorometric chemosensors for selective signaling toward Ca ²⁺ and Mg ²⁺ by aza-crown ether acridinedione-functionalized gold nanoparticles	Tetrahedron Letters	51	4331-4335	2010	2.347
84	Koteeswari, Ranganathan; Ashokkumar, Pichandi; Ramakrishnan, Vayalakkavoor T; Malar, EJ Padma; Ramamurthy, Perumal;	Unprecedented formation of an N-benzamidobisthiourea derivative and its role in the formation of a new CT state specific towards fluoride ion	Chemical Communications	46	3268-3270	2010	6.567
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82	Ashokkumar, Pichandi; Ramakrishnan, Vayalakkavoor T; Ramamurthy, Perumal;	Fluorescence spectroscopic evidence for hydrogen bonding and deprotonation equilibrium between fluoride and a thiourea derivative	Chemistry–A European Journal	16	13271 - 13277	2010	5.771
81	Kumaran, R; Varalakshmi, T; Malar, EJ Padma; Ramamurthy, P;	Photophysical studies on the interaction of acridinedione dyes with universal protein denaturant: Guanidine hydrochloride	Journal of fluorescence	20	993- 1002	2010	1.601
80	Velu, Ranganathan; Malar, EJ Padma; Ramakrishnan, Vayalakkavoor T; Ramamurthy, Perumal;	Acridinedione- functionalized gold nanoparticles and model for the binding of 1, 3- dithiol linked acridinedione on gold clusters	Tetrahedron Letters	51	5680- 5685	2010	2.347
79	Velu, Ranganathan; Ashokkumar, Pichandi; Ramakrishnan, Vayalakkavoor T; Ramamurthy, Perumal;	Molecular folding induced nanogold aggregation	Tetrahedron Letters	51	3102- 3105	2010	2.347
78	Ashokkumar, P; Ramakrishnan, VT; Ramamurthy, P;	Solvent-Controlled Metal Ion Binding Selectivity and Anion Interaction of the Acridinedione-Based Heteroditopic Host	The Journal of Physical Chemistry B	115	84-92	2010	3.187
77	R.Kumaran, P.Ramamurthy;	Photophysical studies of PET based acridinedione dyes with globular protein: Bovine Serum Albumin	Journal Luminescence	130	1203- 1210	2010	1.452
76	Ashokkumar, P; Thiagarajan, V; Vasanthi, S; Ramamurthy, P;	Triple fluorescence of acridinedione: Locally excited, photoinduced electron transfer promoted charge transfer and anion induced charge transfer states	Journal of Photochemistry and Photobiology A: Chemistry	208	117- 124	2009	2.477

75	Ashokkumar, Pichandi; Ramakrishnan, Vayalakkavoor T; Ramamurthy, Perumal;	Specific Ca ²⁺ fluorescent sensor: signaling by conformationally induced PET suppression in a bichromophoric acridinedione	European Journal of Organic Chemistry	2009	5941-5947	2009	3.065
74	Rajkumar, Eswaran; Rajagopal, Seenivasan; Ramamurthy, Perumal; Vairamani, Mariappanadar;	Photophysics of ruthenium (II) complexes carrying amino acids in the ligand 2, 2'-bipyridine and intramolecular electron transfer from methionine to photogenerated Ru (III)	Inorganica Chimica Acta	362	1629-1636	2009	1.918
73	Velayudham, Murugesan; Singaravadivel, Subramanian; Rajagopal, Seenivasan; Ramamurthy, Perumal;	Synthesis, characterization and photophysics of alkyne bridged bimetallic rhenium (I) and ruthenium (II) complexes	Journal of Organometallic Chemistry	694	4076-4083	2009	2.336
72	Banu, I Sadhiya; Ramamurthy, P;	Photoinduced electron transfer reactions of pyrylium derivatives with organic sulfides in acetonitrile	Journal of Photochemistry and Photobiology A: Chemistry	201	175-182	2009	2.477
71	K.Thangaraju, R.Kumaran, K. Asokan, P. Ramamurthy, D.Kanjilal, J. Kumar;	Effect of swift heavy ion irradiation on photoluminescence of Tris-(8-hydroxyquinoline) aluminium thin films	Surface Coating Technology	203	2679-2681	2009	2.139
70	Velayudham, Murugesan; Rajkumar, Muthuraman; Rajagopal, Seenivasan; Ramamurthy, Perumal;	Synthesis, characterization, electrochemical and photophysical properties of bimetallic complexes of rhenium (I) and osmium (II)	Polyhedron	27	3417-3424	2008	2.108
69	Thangaraju, K; Kumaran, R; Asokan, K; Ramamurthy, P; Kanjilal, D; Kumar, J;	Photoluminescence study of (Tris-8-hydroxyquinoline)aluminium thin films and influence of swift heavy irradiations	Polymers-Plastics Technology and Engineering	47	479-482	2008	1.511

68	Vinayakan, R; Shanmugapriya, T; Nair, Pratheesh V; Ramamurthy, P; Thomas, K George;	An approach for optimizing the shell thickness of core-shell quantum dots using photoinduced charge transfer	The Journal of Physical Chemistry C	111	10146 - 10149	2007	4.509
67	Thiagarajan, Viruthachalam; Ramamurthy, Perumal;	Specific optical signalling of anions via intramolecular charge transfer pathway based on acridinedione fluorophore	Journal of luminescence	126	886-892	2007	1.452
66	Thiagarajan, Viruthachalam; Ramamurthy, Perumal;	Fluorescent sensing of anions with acridinedione based neutral PET chemosensor	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	67	772-777	2007	2.653
65	Manne kutla, JR; Ramamurthy, P; Mulimani, BG; Inamdar, SR;	Rotational dynamics of UVITEX-OB in alkanes, alcohols and binary mixtures	Chemical Physics	340	149-157	2007	1.758
64	Shanmugapriya, T; Selvaraju, C; Ramamurthy, P;	Anomalous association and fluorophore influence on the position of dimethylaniline in micelles: fluorescence quenching of 1, 8-acridinedione	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	66	761-767	2007	2.653
63	Indirapriyadhars hini, VK; Ramamurthy, P;	Fluorescence anisotropy of acridinedione dyes in glycerol: Prolate model of ellipsoid	Journal of Chemical Sciences	119	161-168	2007	1.085
62	Thiagarajan, Viruthachalam; Ramamurthy, Perumal;	Dual fluorescence in a schiff base derived from an acridinedione dye. Excited state intramolecular proton transfer	Bulletin of the Chemical Society of Japan	80	1307-1315	2007	2.21
61	P.Manoravi, M. Joseph, A.K. Balamurugan, S. Rajagopalan, P.Ramamurthy;	Boron isotope distribution in laser deposited thin films B4C	Indian Journal of Pure and Applied Physics	45	131-134	2007	0.739

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59	Kumaran, R; Ramamurthy, P;	PET suppression of acridinedione dyes by urea derivatives in water and methanol	The Journal of Physical Chemistry B	110	23783 - 23789	2006	1.833
58	Thiagarajan, V; Indirapriyadhars hini, VK; Ramamurthy, P;	Fencing of photoinduced electron transfer in nonconjugated bichromophoric system by β -cyclodextrin nanocavity	Journal of inclusion phenomena and macrocyclic chemistry	56	309-313	2006	1.253
57	Thangaraju, K; Kumaran, R; Mohanty, T; Asokan, K; Ramamurthy, P; Kanjilal, D; Kumar, J;	Swift heavy ion irradiation-induced modifications of tris-(8-hydroxyquinoline) aluminum thin films	Radiation Effects & Defects in Solids	161	695-700	2006	0.472
56	Thiagarajan, Viruthachalam; Ramamurthy, Perumal; Thirumalai, Dhakshanamurthy; Ramakrishnan, Vayalakkavoor T;	A novel colorimetric and fluorescent chemosensor for anions involving PET and ICT pathways	Organic letters	7	657-660	2005	6.364
55	Swarnalatha, Kalaiyar; Rajkumar, Eswaran; Rajagopal, Seenivasan; Ramaraj, Ramasamy; Lu, Yi-Long; Lu, Kuang-Lieh; Ramamurthy, Perumal;	Photoinduced electron transfer reactions of ruthenium (II) complexes containing 2, 2'-bipyridine-4, 4'-dicarboxylic acid with phenols: steric and charge effects	Journal of Photochemistry and Photobiology A: Chemistry	171	83-90	2005	2.477

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53	Thiagarajan, Viruthachalam; Selvaraju, Chellappan; Malar, EJ; Ramamurthy, Perumal;	A Novel Fluorophore with Dual Fluorescence: Local Excited State and Photoinduced Electron- Transfer-Promoted Charge-Transfer State	ChemPhysChe m	5	1200- 1209	2004	3.138
52	Selvaraju, Chellappan; Ramamurthy, Perumal;	Excited-State Behavior and Photoionization of 1, 8-Acridinedione Dyes in Micelles—Comparison with NADH Oxidation	Chemistry—A European Journal	10	2253- 2262	2004	5.771
51	Raghukumar, V; Thirumalai, D; Ramakrishnan, VT; Karunakara, V; Ramamurthy, P;	Synthesis of nicotinonitrile derivatives as a new class of NLO materials	Tetrahedron	59	3761- 3768	2003	2.645
50	Thiagarajan, V; Selvaraju, C; Ramamurthy, P;	Excited state behaviour of acridinedione dyes in PMMA matrix: inhomogeneous broadening and enhancement of triplet	Journal of Photochemistr y and Photobiology A: Chemistry	157	23-31	2003	2.477
49	Selvaraju, Chellappan; Thiagarajan, Viruthachalam; Ramamurthy, Perumal;	Interaction of 1, 8- acridinedione dye with urea dimer in methanol	Chemical physics letters	379	437- 442	2003	1.86
48	Karunakaran, V; Ramamurthy, P; Josephrajan, T; Ramakrishnan, VT;	Solvent effects and photophysical studies of a new class of acridine (1, 8) dione dyes	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	58	1443- 1451	2002	2.653
47	Indirapriyadhars hini, VK; Ramamurthy, P; Raghukumar, V; Ramakrishnan, VT;	Spectral and photophysical properties of 1, 6-naphthyridine derivatives: a new class of compounds for nonlinear optics	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	58	1535- 1543	2002	2.653

46	Indirapriyadhars hini, VK; Karunanithi, P; Ramamurthy, P;	Inclusion of resorcinol-based acridinedione dyes in cyclodextrins: fluorescence enhancement	Langmuir	17	4056-4060	2001	3.993
45	Selvaraju, C; Sivakumar, A; Ramamurthy, P;	Excited state reactions of acridinedione dyes with onium salts: mechanistic details	Journal of Photochemistry and Photobiology A: Chemistry	138	213-226	2001	2.477
44	Rajendran, Thangamuthu; Thanasekaran, Pounraj; Rajagopal, Seenivasan; Gnanaraj, George Allen; Srinivasan, Chockalingam; Ramamurthy, Perumal; Venkatachalapathy, Bakathavachalam; Manimaran, Balasubramanian; Lu, Kuang-Lieh;	Steric effects in the photoinduced electron transfer reactions of ruthenium (II)-polypyridine complexes with 2, 6-disubstituted phenolate ions	Physical Chemistry Chemical Physics	3	2063-2069	2001	4.499
43	Rajendran, Thangamuthu; Thanasekaran, Pounraj; Rajagopal, Seenivasan; Gnanaraj, George Allen; Srinivasan, Chockalingam; Ramamurthy, Perumal; Venkatachalapathy, Bakathavachalam; Manimaran, Balasubramanian; Lu, Kuang-Lieh;	Kinetics and Reaction Dynamics-Steric effects in the photoinduced electron transfer reactions of ruthenium (II)-polypyridine complexes with 2, 6-disubstituted phenolate ions	Physical Chemistry Chemical Physics	3	2063-2069	2001	4.499

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41	Mohan, Hari; Srividya, N; Ramamurthy, P;	Kinetic, Spectral and Redox Properties of the Transients Formed On One-Electron Reduction of 3, 3, 6, 6-Tetramethyl-3, 4, 6, 7, 9-Pentahydro-10- Phenyl (1, 8)(2H, 5H) Acridine-Dione in Aqueous-Organic Mixed Solvent System: a Pulse Radiolysis Study	Research on Chemical Intermediates	26	455- 467	2000	1.833
40	Kumar, Anil; Vaishali; Ramamurthy, P.;	Kinetics and mechanism of oxidation of ethylenediamine by diperiodatoargentate(III) ion	International journal of Chemical Kinetics	32	8-Jan	2000	1.736
39	Karunanithi, Palaniappan; Ramamurthy, Perumal; Ramakrishnan, Vayalakkavoor T;	Binding of acridinedione dyes with α , β and γ - cyclodextrins: Fluorescence quenching and estimation of thermodynamic parameters	Journal of inclusion phenomena and macroscopic chemistry	34	105- 114	1999	1.253
38	Venkatachalapat hy, B; Ramamurthy, P;	Excited state proton and electron transfer reactions of acridinedione dyes with amines	Physical Chemistry Chemical Physics	1	2223- 2230	1999	4.499
37	Jayanthi, SS; Ramamurthy, P;	Photoinduced electron transfer reactions of 2, 4, 6-triphenylpyrylium: solvent effect and charge- shift type of systems	Phys. Chem. Chem. Phys.	1	4751- 4757	1999	4.499
36	Kumar, Anil; Kumar, P; Ramamurthy, P;	Kinetics of oxidation of glycine and related substrates by diperiodatogrgentate(III)	Polyhedron	18	773- 780	1999	2.108
35	Srinivasan, S K; Ravikumar, M Puspan; Mahajan, S; Chandrasekar, T K; Roy, R; Ramamurthy, P;	meso-Aryl sapphyrins with heteroatoms; synthesis, characterisation, spectral and electrochemical properties	Journal of Chemical Society Perkin Trans 2		961- 968	1999	1.13

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33	Srividya, N; Ramamurthy, P; Ramakrishnan, VT;	Photophysical studies of acridine (1, 8) dione dyes: a new class of laser dyes	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	54	245-253	1998	2.653
32	Jayanthi, Senthil Saravanan; Ramamurthy, Perumal;	Excited singlet state reaction of phenosafranine with electron donors Role of the heavy-atom effect in triplet induction	Journal of the Chemical Society, Faraday Transactions	94	1675-1679	1998	1.757
31	Jayanthi, SS; Ramamurthy, P;	Excited singlet state reactions of thiopyrylium with electron donors: Electron transfer, induction of triplet by internal and external heavy atom effect, and comparison of pyrylium and thiopyrylium reactions	The Journal of physical Chemistry A	102	511-518	1998	2.883
30	Murugan, P; Shanmugasundaram, P; Ramakrishnan, VT; Srividya, N; Ramamurthy, P;	Reaction of malononitrile with enones	Indian journal of chemistry. Sect. B: Organic chemistry, including medical chemistry	37	737-741	1998	
29	Mohan, H; Mittal, JP; Srividya, N; Ramamurthy, P;	One-Electron Reduction of 3, 3, 6, 6-Tetramethyl-3, 4, 6, 7, 9, 10-hexahydro-(1, 8)-(2 H, 5 H)-acridinedione: A Pulse Radiolysis Study	The Journal of Physical Chemistry A	102	4444-4449	1998	2.883
28	Srividya, N; Ramamurthy, P;	Solvent effects on the absorption and fluorescence spectra of	Spectrochimica Acta Part A: Molecular and	53	1743-1753	1997	2.653

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27	Thanasekaran, P; Rajendran, T; Rajagopal, S; Srinivasan, C; Ramaraj, R; Ramamurthy, P; Venkatachalapathy, B;	Marcus inverted region in the photoinduced electron transfer reactions of ruthenium (II)-polypyridine complexes with phenolate ions	The Journal of Physical Chemistry A	101	8195-8199	1997	2.883
26	Jayanthi, SS; Ramamurthy, P;	Excited singlet state reactions of triphenylpyrylium ion with electron donors: evidence for electron transfer and the observation of marcus inverted region for the charge shift in the radical pair	The Journal of Physical Chemistry A	101	2016-2022	1997	2.883
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