

Savarimuthu Philip Anthony

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

111
papers

2,542
citations

27
h-index

45
g-index

115
ext. papers

2,889
ext. citations

3.8
avg, IF

5.87
L-index

#	Paper	IF	Citations
111	Pyridine nitrogen position controlled molecular packing and stimuli-responsive solid-state fluorescence switching: supramolecular complexation facilitated turn-on fluorescence. <i>CrystEngComm</i> , 2022 , 24, 2642-2649	3.3	0
110	Knotting Two Donor-Acceptor AIEgens Using a Nonconjugated Linker: Tunable and Switchable Fluorescence and Fingerprinting and Live Cell Imaging Applications. <i>Crystal Growth and Design</i> , 2022 , 22, 633-642	3.5	4
109	Highly enhanced dye adsorption of MoO nanoplates fabricated by hydrothermal-calcination approach in presence of chitosan and thiourea. <i>Chemosphere</i> , 2021 , 132926	8.4	0
108	Metal-organic frameworks derived CuONPs@C nanocatalysts for synthesizing optoelectronic triarylamine molecules. <i>Inorganic Chemistry Communication</i> , 2021 , 123, 108301	3.1	0
107	Molecular structure controlled self-assembly of pyridine appended fluorophores: multi-stimuli fluorescence responses and fabricating rewritable/self-erasable fluorescent platforms. <i>Materials Advances</i> , 2021 , 2, 996-1005	3.3	12
106	Cissampelous pairera mediated synthesis of silver nanoparticles and its invitro antioxidant, antibacterial and antidiabetic activities. <i>Materials Today: Proceedings</i> , 2021 , 47, 853-857	1.4	2
105	Recent advances in excited state intramolecular proton transfer mechanism-based solid state fluorescent materials and stimuli-responsive fluorescence switching. <i>CrystEngComm</i> , 2021 , 23, 3771-3789	3.3	13
104	Investigating the structure-fluorescence properties of tetraphenylethylene fused imidazole AIEgens: reversible mechanofluorochromism and polymer matrix controlled fluorescence tuning. <i>CrystEngComm</i> , 2021 , 23, 5403-5410	3.3	1
103	Cobalt coordination controlled carbon nanospheres formation and inclusion of amorphous CoO and AuNPs: strongly enhanced oxygen evolution reaction with excellent mass activity. <i>Dalton Transactions</i> , 2021 , 50, 10493-10500	4.3	
102	Fabricating highly efficient Ag ₃ PO ₄ -Fe ₃ O ₄ -GO ternary nanocomposite photocatalyst: Effect of Fe ₃ O ₄ -GO preparation methods on photocatalytic activity. <i>Materials Research Bulletin</i> , 2021 , 141, 111337	5.1	3
101	Polyoxometalate based ionic crystal: dual applications in selective colorimetric sensor for hydrated ZnCl ₂ and antimicrobial activity. <i>New Journal of Chemistry</i> , 2021 , 45, 5576-5588	3.6	4
100	Highly enhanced bifunctional electrocatalytic activity of mixed copper-copper oxides on nickel foam via composition control. <i>New Journal of Chemistry</i> , 2020 , 44, 11993-12001	3.6	6
99	Easily Accessible Schiff Base ESIPT Molecules with Tunable Solid State Fluorescence: Mechanofluorochromism and Highly Selective Co ²⁺ Fluorescence Sensing. <i>ChemistrySelect</i> , 2020 , 5, 3295-3302	1.8	8
98	Growth and THz generation in organic nonlinear optical crystal: N,N'-bis(4-nitrophenyl)-(1R,2R)-diaminocyclohexane (BNDC). <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 13628-13635	2.1	2
97	Facile Synthetic Route for Direct Access of Perylene-3,4,9,10-tetracarboxylic diimide Single Crystals in High Yield through In Situ Crystallization. <i>ChemistrySelect</i> , 2020 , 5, 2070-2074	1.8	0
96	Polymorphs of a copper coordination compound: interlinking active sites enhance the electrocatalytic activity of the coordination polymer compared to the coordination complex. <i>CrystEngComm</i> , 2020 , 22, 425-429	3.3	5
95	Solvent vapour induced rare single-crystal-to-single-crystal transformation of stimuli-responsive fluorophore: Solid state fluorescence tuning, switching and role of molecular conformation and substituents. <i>Dyes and Pigments</i> , 2020 , 174, 108067	4.6	9

94	Pods of <i>Acacia nilotica</i> mediated synthesis of copper oxide nanoparticles and its in vitro biological applications. <i>Materials Today: Proceedings</i> , 2020 , 47, 751-751	1.4	1
93	NaHSO ₄ /SiO ₂ catalyzed generation of -quinone/ -thioquinone methides: synthesis of arylxanthenes/ arylthioxanthenes oxa-6E electrocyclization. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 8653-8667	3.9	3
92	Coordination diversity in transition metal complexes with 4-aminoantipyrine tethered bis(imino)pyridine ligand: structures, superoxide dismutase and anticancer properties. <i>Journal of Coordination Chemistry</i> , 2020 , 73, 3174-3185	1.6	
91	Highly Enhanced OER Activity of Amorphous Co ₃ O ₄ via Fabricating Hybrid Amorphous-Crystalline Gold Nanostructures. <i>ChemistrySelect</i> , 2020 , 5, 9357-9361	1.8	3
90	Synthesizing Bis(Iminoenolate)copper(II) Complexes and Exploring Substitution Dependent Green Catalytic Application for Azide-Alkyne Cycloaddition Reaction. <i>ChemistrySelect</i> , 2020 , 5, 8773-8778	1.8	1
89	Structure controlled solvatochromism and halochromic fluorescence switching of 2,2'-bipyridine based donor-acceptor derivatives. <i>New Journal of Chemistry</i> , 2020 , 44, 14421-14428	3.6	2
88	Triphenylamine-based stimuli-responsive solid state fluorescent materials. <i>New Journal of Chemistry</i> , 2020 , 44, 8680-8696	3.6	24
87	Rewritable fluorescent platform and reusable hydrazine sensing thin film using aldehyde functionalized fluorophore integrated PMMA polymer matrix. <i>Materials Chemistry and Physics</i> , 2019 , 235, 121753	4.4	7
86	Copper coordination polymer electrocatalyst for strong hydrogen evolution reaction activity in neutral medium: influence of coordination environment and network structure. <i>Catalysis Science and Technology</i> , 2019 , 9, 4347-4354	5.5	11
85	Temperature-Controlled Locally Excited and Twisted Intramolecular Charge-Transfer State-Dependent Fluorescence Switching in Triphenylamine-Benzothiazole Derivatives. <i>ACS Omega</i> , 2019 , 4, 5147-5154	3.9	13
84	Hydrogenation of nitroaromatics to anilines catalyzed by air-stable arene ruthenium (II) PNN pincer complexes. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4689	3.1	2
83	Crystallization/aggregation enhanced emissive smart fluorophores for rewritable fluorescent platform: Alkoxy chain length controlled solid state fluorescence. <i>Journal of Luminescence</i> , 2019 , 211, 355-362	3.8	6
82	Halogen Atom and Position Dependent Strong Enhancement of Solid-State Fluorescence and Stimuli Responsive Reversible Fluorescence Switching. <i>ChemistrySelect</i> , 2019 , 4, 3884-3890	1.8	8
81	Reversible Thermochromism of Nickel(II) Complexes and Single-Crystal-to-Single-Crystal Transformation. <i>ACS Omega</i> , 2019 , 4, 13756-13761	3.9	7
80	Synthesis of <i>Solanum nigrum</i> mediated copper oxide nanoparticles and their photocatalytic dye degradation studies. <i>Materials Research Express</i> , 2019 , 6, 125402	1.7	4
79	Synthesis of Strongly Fluorescent Imidazole Derivatives: Structure Property Studies, Halochromism and Fluorescent Photoswitching. <i>Journal of Fluorescence</i> , 2019 , 29, 1359-1369	2.4	4
78	The Co ²⁺ /Ni ²⁺ ion-mediated formation of a topochemically converted copper coordination polymer: structure-dependent electrocatalytic activity. <i>CrystEngComm</i> , 2019 , 21, 6552-6557	3.3	5
77	Aggregation-enhanced emissive mechanofluorochromic carbazole-halogen positional isomers: tunable fluorescence via conformational polymorphism and crystallization-induced fluorescence switching. <i>CrystEngComm</i> , 2019 , 21, 6604-6612	3.3	9

76	Fabricating Cu, Cu ₂ O and hybrid Cu-Cu ₂ O nanoparticles in carbon matrix and exploring catalytic activity of oxygen and hydrogen evolution and green A ₃ -coupling reaction. <i>Materials Research Express</i> , 2019 , 6, 025518	1.7	6
75	Green synthesis of silver nanoparticles using <i>Nardostachys jatamansi</i> and evaluation of its anti-biofilm effect against classical colonizers. <i>Microbial Pathogenesis</i> , 2019 , 126, 1-5	3.8	19
74	Synthesis of tunable, red fluorescent aggregation-enhanced emissive organic fluorophores: stimuli-responsive high contrast off/on fluorescence switching. <i>CrystEngComm</i> , 2018 , 20, 643-651	3.3	22
73	Fabrication of strong bifunctional electrocatalytically active hybrid Cu ₂ O nanoparticles in a carbon matrix. <i>Catalysis Science and Technology</i> , 2018 , 8, 1414-1422	5.5	38
72	Triphenylamine based reactive coloro/fluorimetric chemosensors: Structural isomerism and solvent dependent sensitivity and selectivity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 189, 342-348	4.4	16
71	Self-assembly of water soluble perylene tetracarboxylic acid with metal cations: Selective fluorescence sensing of Cu ²⁺ and Pb ²⁺ ions in paper strips, zebrafish and yeast. <i>Journal of Luminescence</i> , 2018 , 203, 42-49	3.8	8
70	Unusual fluorescent photoswitching of imidazole derivatives: the role of molecular conformation and twist angle controlled organic solid state fluorescence. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 27385-27393	3.6	11
69	Gold doping induced strong enhancement of carbon quantum dots fluorescence and oxygen evolution reaction catalytic activity of amorphous cobalt hydroxide. <i>New Journal of Chemistry</i> , 2018 , 42, 18794-18801	3.6	12
68	Synthesis, supramolecular organization and thermotropic phase behaviour of -acyltris(hydroxymethyl)aminomethane.. <i>RSC Advances</i> , 2018 , 8, 32823-32831	3.7	2
67	Excited state intramolecular proton transfer induced fluorescence in triphenylamine molecule: Role of structural conformation and reversible mechanofluorochromism. <i>Journal of Molecular Structure</i> , 2018 , 1169, 1-8	3.4	11
66	Drastic Modulation of Stimuli-Responsive Fluorescence by a Subtle Structural Change of Organic Fluorophore and Polymorphism Controlled Mechanofluorochromism. <i>Crystal Growth and Design</i> , 2018 , 18, 3971-3979	3.5	29
65	Molecular Conformation- and Packing-Controlled Excited State Intramolecular Proton Transfer Induced Solid-State Fluorescence and Reversible Mechanofluorochromism. <i>ChemistrySelect</i> , 2018 , 3, 7340-7345	1.8	10
64	ApAGP-fabricated silver nanoparticles induce amendment of murine macrophage polarization. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 3511-3520	7.3	8
63	Polymorphism and benzene solvent controlled stimuli responsive reversible fluorescence switching in triphenylphosphoniumfluorenylide crystals. <i>New Journal of Chemistry</i> , 2017 , 41, 4592-4598	3.6	8
62	A halochromic stimuli-responsive reversible fluorescence switching 3, 4, 9, 10-perylene tetracarboxylic acid dye for fabricating rewritable platform. <i>Optical Materials</i> , 2017 , 64, 53-57	3.3	34
61	A crab claw shaped molecular receptor for selective recognition of picric acid: supramolecular self-assembly mediated aggregation induced emission and color change. <i>CrystEngComm</i> , 2017 , 19, 3557-3561	3.3	8
60	Fluorescent carbon quantum dots chemosensor for selective turn-on sensing of Zn ²⁺ and turn-off sensing of Pb ²⁺ in aqueous medium and zebrafish eggs. <i>New Journal of Chemistry</i> , 2017 , 41, 15157-15164	3.6	22
59	Self-reversible thermofluorochromism of DAD triphenylamine derivatives and the effect of molecular conformation and packing. <i>CrystEngComm</i> , 2017 , 19, 6979-6985	3.3	21

58	Crystallization-induced reversible fluorescence switching of alkyl chain length dependent thermally stable supercooled organic fluorescent liquids. <i>CrystEngComm</i> , 2017 , 19, 6489-6497	3.3	17
57	Tunable and Switchable Solid State Fluorescence: Alkyl Chain Length-Dependent Molecular Conformation and Self-Reversible Thermochromism. <i>ChemistrySelect</i> , 2017 , 2, 7799-7807	1.8	18
56	Copper-coordination polymer-controlled Cu@N-rGO and CuO@C nanoparticle formation: reusable green catalyst for A-coupling and nitroarene-reduction reactions. <i>Dalton Transactions</i> , 2017 , 46, 11704-11714	1.7	10
55	Bay Functionalized Perylenediimide with Pyridine Positional Isomers: NIR Absorption and Selective Colorimetric/Fluorescent Sensing of Fe and Al Ions. <i>Journal of Fluorescence</i> , 2017 , 27, 491-500	2.4	14
54	Effect of surfactant in mitigating cadmium oxide nanoparticle toxicity: Implications for mitigating cadmium toxicity in environment. <i>Environmental Research</i> , 2017 , 152, 141-149	7.9	40
53	Molecular Engineering of Triphenylamine Based Aggregation Enhanced Emissive Fluorophore: Structure-Dependent Mechanochromism and Self-Reversible Fluorescence Switching. <i>Crystal Growth and Design</i> , 2017 , 17, 146-155	3.5	58
52	Synthesis of CuO and Cu ₂ O nano/microparticles from a single precursor: effect of temperature on CuO/Cu ₂ O formation and morphology dependent nitroarene reduction. <i>RSC Advances</i> , 2016 , 6, 85083-85090	3.7	27
51	Arene ruthenium(II) complexes with chalcone, aminoantipyrine and aminopyrimidine based ligands: synthesis, structure and preliminary evaluation of anti-leukemia activity. <i>RSC Advances</i> , 2016 , 6, 90982-90992	3.7	17
50	Halochromic Isoquinoline with Mechanochromic Triphenylamine: Smart Fluorescent Material for Rewritable and Self-Erasable Fluorescent Platform. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 33034-33042	9.5	86
49	Synthesis of MoO ₃ nanoplates using organic aliphatic acids and investigation of sunlight enhanced photodegradation of organic dyes. <i>Materials Research Bulletin</i> , 2016 , 76, 147-154	5.1	27
48	Antimicrobial studies of metal and metal oxide nanoparticles 2016 , 265-300		18
47	Synthesis of biofunctionalized AgNPs using medicinally important <i>Sida cordifolia</i> leaf extract for enhanced antioxidant and anticancer activities. <i>Materials Letters</i> , 2016 , 170, 101-104	3.3	23
46	A Facile Method for the Synthesis Fluorescent Zinc Chalcogenide (ZnO, ZnS and ZnSe) Nanoparticles in PS and PMMA Polymer Matrix. <i>Journal of Fluorescence</i> , 2016 , 26, 703-7	2.4	13
45	Highly selective colorimetric sensing of Hg ²⁺ ions by label free AuNPs in aqueous medium across wide pH range. <i>Sensors and Actuators B: Chemical</i> , 2016 , 225, 413-419	8.5	18
44	Perylene Diimide Based Fluorescent Dyes for Selective Sensing of Nitroaromatic Compounds: Selective Sensing in Aqueous Medium Across Wide pH Range. <i>Journal of Fluorescence</i> , 2016 , 26, 395-401	2.4	21
43	Silver nanoparticle synthesis using <i>Clerodendrum phlomidis</i> leaf extract and preliminary investigation of its antioxidant and anticancer activities. <i>Journal of Molecular Liquids</i> , 2016 , 220, 926-930	6	63
42	L-Methionine based phenolic compound mediates unusual assembly of AgNPs and exerts efficient anti-biofilm effect. <i>RSC Advances</i> , 2016 , 6, 45716-45726	3.7	4
41	Aggregation Induced Emission of Excited-State Intramolecular Proton Transfer Compounds: Nanofabrication Mediated White Light Emitting Nanoparticles. <i>Crystal Growth and Design</i> , 2016 , 16, 3400-3408	3.5	30

40	Biogenic silver nanoparticles synthesis using the extract of the medicinal plant <i>Clerodendron serratum</i> and its in-vitro antiproliferative activity. <i>Materials Letters</i> , 2015 , 160, 400-403	3.3	17
39	Synthesis of new colorimetric/fluorimetric chemosensor for selective sensing of biologically important Fe ³⁺ , Cu ²⁺ and Zn ²⁺ metal ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 151, 426-31	4.4	24
38	Reversible fluorescence switching and topochemical conversion in an organic AEE material: polymorphism, defection and nanofabrication mediated fluorescence tuning. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 8381-8388	7.1	67
37	Self-Reversible Mechanochromism and Thermochromism of a Triphenylamine-Based Molecule: Tunable Fluorescence and Nanofabrication Studies. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 9460-9469	3.8	92
36	Alanine based coordinating ligand mediated hydrothermal synthesis of CuS nano/microstructures and morphology dependent photocatalysis. <i>CrystEngComm</i> , 2015 , 17, 3452-3459	3.3	14
35	Hyperbranched polyethylenimine-based sensor of multiple metal ions (Cu ²⁺ , Co ²⁺ and Fe ²⁺): colorimetric sensing via coordination or AgNP formation. <i>RSC Advances</i> , 2015 , 5, 88125-88132	3.7	5
34	Stimuli responsive reversible high contrast off/on fluorescence switching of simple aryl-ether amine based aggregation-induced enhanced emission materials. <i>RSC Advances</i> , 2015 , 5, 98618-98625	3.7	15
33	Heavy metal cation and anion sensing studies of N-(2-hydroxybenzyl)-isopropylamine surface functionalized AgNPs. <i>New Journal of Chemistry</i> , 2015 , 39, 1308-1314	3.6	8
32	Substitutional group dependent colorimetric/fluorimetric sensing of Mn(2+), Fe(3+) and Zn(2+) ions by simple Schiff base chemosensor. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 136 Pt C, 1658-65	4.4	33
31	Surface functionalized fluorescent CdS QDs: selective fluorescence switching and quenching by Cu(2+) and Hg(2+) at wide pH range. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 135, 335-41	4.4	24
30	Developing new Schiff base molecules for selective colorimetric sensing of Fe ³⁺ and Cu ²⁺ metal ions: Substituent dependent selectivity and colour change. <i>Sensors and Actuators B: Chemical</i> , 2015 , 206, 524-530	8.5	39
29	Bio-functionalized silver nanoparticles for selective colorimetric sensing of toxic metal ions and antimicrobial studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 129, 35-42	4.4	51
28	Coordinating ligand functionalized AgNPs for colorimetric sensing: effect of subtle structural and conformational change of ligand on the selectivity. <i>RSC Advances</i> , 2014 , 4, 64717-64724	3.7	5
27	AuNP based selective colorimetric sensor for cysteine at a wide pH range: investigation of capping molecule structure on the colorimetric sensing and catalytic properties. <i>RSC Advances</i> , 2014 , 4, 18467-18472	3.7	19
26	Selective fluorescence sensing of Mg ²⁺ ions by Schiff base chemosensor: effect of diamine structural rigidity and solvent. <i>RSC Advances</i> , 2014 , 4, 41565-41571	3.7	39
25	Selective turn-on fluorescence for Zn(2+) and Zn(2+)+Cd(2+) metal ions by single Schiff base chemosensor. <i>Analytica Chimica Acta</i> , 2014 , 848, 74-79	6.6	57
24	A facile route to synthesize casein capped copper nanoparticles: an effective antibacterial agent and selective colorimetric sensor for mercury and tryptophan. <i>RSC Advances</i> , 2014 , 4, 33215-33221	3.7	46
23	Triphenylamine based new Schiff base ligand: Solvent dependent selective fluorescence sensing of Mg ²⁺ and Fe ³⁺ ions. <i>Inorganic Chemistry Communication</i> , 2014 , 48, 1-4	3.1	24

22	Synthesis of Cu ₂ O micro/nanocrystals with tunable morphologies using coordinating ligands as structure controlling agents and antimicrobial studies. <i>CrystEngComm</i> , 2014 , 16, 9866-9872	3.3	22
21	Silver nanoparticles based selective colorimetric sensor for Cd ²⁺ , Hg ²⁺ and Pb ²⁺ ions: Tuning sensitivity and selectivity using co-stabilizing agents. <i>Sensors and Actuators B: Chemical</i> , 2014 , 191, 31-36	8.5	94
20	Highly selective silver nanoparticles based label free colorimetric sensor for nitrite anions. <i>Analytica Chimica Acta</i> , 2014 , 842, 57-62	6.6	29
19	Off-on Fluorescent Sensor from On-off Sensor: Exploiting Silver Nanoparticles Influence on the Organic Fluorophore Fluorescence. <i>Journal of Fluorescence</i> , 2014 , 24, 319-27	2.4	16
18	Selective colorimetric sensing of toxic metal cations by green synthesized silver nanoparticles over a wide pH range. <i>RSC Advances</i> , 2013 , 3, 16765	3.7	76
17	A structurally versatile coordination polymer: demonstrating spontaneous resolution, conformational polymorphism and gel formation. <i>CrystEngComm</i> , 2013 , 15, 6602	3.3	11
16	Green synthesized silver nanoparticles for selective colorimetric sensing of Hg ²⁺ in aqueous solution at wide pH range. <i>Analyst, The</i> , 2013 , 138, 4370-7	5	122
15	Diaminotriazine substituted diphenyl ether: reversible structural transformation and solvent dependent solid state fluorescence. <i>CrystEngComm</i> , 2013 , 15, 4117	3.3	7
14	Natural Amino Acid Based Phenolic Derivatives for Synthesizing Silver Nanoparticles with Tunable Morphology and Antibacterial Studies. <i>Bulletin of the Korean Chemical Society</i> , 2013 , 34, 2702-2706	1.2	9
13	Polymorph-dependent solid-state fluorescence and selective metal-ion-sensor properties of 2-(2-hydroxyphenyl)-4(3H)-quinazolinone. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 374-9	4.5	83
12	Organic Solid-State Fluorescence: Strategies for Generating Switchable and Tunable Fluorescent Materials. <i>ChemPlusChem</i> , 2012 , 77, 518-531	2.8	185
11	Supramolecular luminescent system based on 2-cyano-3(4-(diphenylamino)phenyl) acrylic acid: Chiral luminescent host for selective CH ₃ CN sensor. <i>CrystEngComm</i> , 2011 , 13, 6706	3.3	15
10	Nano/Microstructure Fabrication of Functional Organic Material: Polymorphic Structure and Tunable Luminescence. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 11708-11716	3.8	52
9	Impact of molecular structure on intermolecular interactions and organic solid state luminescence in supramolecular systems. <i>Journal of Physical Organic Chemistry</i> , 2010 , 23, 1074-1079	2.1	24
8	Synthesis of Ag ₂ S and Ag ₂ Se nanoparticles in self assembled block copolymer micelles and nano-arrays fabrication. <i>Materials Letters</i> , 2009 , 63, 773-776	3.3	43
7	Switching and tuning organic solid-state luminescence via a supramolecular approach. <i>Chemical Communications</i> , 2009 , 7500-2	5.8	63
6	Synthesis of lead chalcogenide nanoparticles in block copolymer micelles: investigation of optical properties and fabrication of 2-D arrays of nanoparticles. <i>Journal of Materials Chemistry</i> , 2009 , 19, 280-285		8
5	Two-dimensional arrays of luminescent metal-selenide nanoparticle. <i>Chemical Communications</i> , 2008 , 1193-5	5.8	20

4	Networking chiral coordination polymers through amide hydrogen bond interactions: Thermal stability and optical SHG investigations. <i>Inorganic Chemistry Communication</i> , 2008 , 11, 791-794	3.1	11
3	Tuning optical band gap of vertically aligned ZnO nanowire arrays grown by homoepitaxial electrodeposition. <i>Applied Physics Letters</i> , 2007 , 90, 103107	3.4	98
2	Molecular conformational twist-controlled wide fluorescence tuning and white light emission in a single fluorophore via halochromism. <i>New Journal of Chemistry</i> ,	3.6	4
1	Symmetrical and unsymmetrical thiazole-based ESIPT derivatives: the highly selective fluorescence sensing of Cu ²⁺ and structure-controlled reversible mechanofluorochromism. <i>CrystEngComm</i> ,	3.3	1