Shankara Gayathri Radhakrishnan

List of Publications by Year
in descending order

29 papers	1,734 citations	430874 18 h-index	454955 30 g-index
32 all docs	32 docs citations	32 times ranked	1729 citing authors

#	Article	IF	Citations
1	Highly efficient formic acid and carbon dioxide electro-reduction to alcohols on indium oxide electrodes. Sustainable Energy and Fuels, 2020, 4, 4030-4038.	4.9	16
2	Phase evolution, structural characteristics and mechanism of vesicle formation from a synthetic amphiphile: Controlled morphology by tuning solution phase parameters. Journal of Dispersion Science and Technology, 2019, 40, 287-298.	2.4	0
3	Liquid Fuels Synthesis from Carbon Dioxide on Membrane-Electrode-Assembly (MEA) Under Ambient Conditions. ECS Meeting Abstracts, 2019, , .	0.0	0
4	Mono-, di- and tetrarhenium Fischer carbene complexes with thienothiophene substituents. Dalton Transactions, 2017, 46, 13983-13993.	3.3	14
5	In command of non-equilibrium. Chemical Society Reviews, 2016, 45, 2768-2784.	38.1	20
6	Catching metallic nitride endohedral fullerenes in organic and aqueous media. Journal of Porphyrins and Phthalocyanines, 2016, 20, 1025-1033.	0.8	2
7	Reactivity of diatomics and of ethylene on zeolite-supported 13-atom platinum nanoclusters. Catalysis Science and Technology, 2016, 6, 6814-6823.	4.1	14
8	Coordinative Interactions between Porphyrins and C₆₀, La@C₈₂, and La₂@C₈₀. Chemistry - A European Journal, 2013, 19, 558-565.	3.3	22
9	Synthesis and Charge-Transfer Chemistry of La₂@I_h-C₈₀/Sc₃N@I_h-C₈₀ Porphyrin Conjugates: Impact of Endohedral Cluster. Journal of the American Chemical Society, 2011, 133, 7608-7618.	13.7	69
10	Threefold exTTF-based Buckycatcher. Journal of Coordination Chemistry, 2010, 63, 2939-2948.	2.2	4
11	Donorâ^'Acceptor Conjugates of Lanthanum Endohedral Metallofullerene and Ï€-Extended Tetrathiafulvalene. Journal of the American Chemical Society, 2010, 132, 8048-8055.	13.7	71
12	A Molecular Ce₂@I_h-C₈₀ Switchâ€"Unprecedented Oxidative Pathway in Photoinduced Charge Transfer Reactivity. Journal of the American Chemical Society, 2010, 132, 9078-9086.	13.7	71
13	Loading Pentapod Deca(organo)[60]fullerenes with Electron Donors: From Photophysics to Photoelectrochemical Bilayers. Journal of the American Chemical Society, 2010, 132, 6342-6348.	13.7	19
14	Tuning Conversion Efficiency in Metallo Endohedral Fullereneâ€Based Organic Photovoltaic Devices. Advanced Functional Materials, 2009, 19, 2332-2337.	14.9	108
15	Metal Nitride Cluster Fullerene M₃N@C₈₀ (M=Y, Sc) Based Dyads: Synthesis, and Electrochemical, Theoretical and Photophysical Studies. Chemistry - A European Journal, 2009, 15, 864-877.	3.3	96
16	Discrete Supramolecular Donorâ€"Acceptor Complexes. Angewandte Chemie - International Edition, 2009, 48, 815-819.	13.8	107
17	Endohedral fullerenes for organic photovoltaic devices. Nature Materials, 2009, 8, 208-212.	27.5	599
18	Ï€-Conjugated Multidonor/Acceptor Arrays of Fullereneâ^'Cobaltadithioleneâ^'Tetrathiafulvalene: From Synthesis and Structure to Electronic Interactions. Journal of the American Chemical Society, 2009, 131, 12643-12649.	13.7	50

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19	Photoinduced Charge Transfer and Electrochemical Properties of Triphenylamine Ih-Sc3N@C80 Donorâ^'Acceptor Conjugates. Journal of the American Chemical Society, 2009, 131, 7727-7734.	13.7	120
20	Sc₃N@C₈₀â€Ferrocene Electronâ€Donor/Acceptor Conjugates as Promising Materials for Photovoltaic Applications. Angewandte Chemie - International Edition, 2008, 47, 4173-4176.	13.8	141
21	A Ruthenium Bridge in Fullereneâ€“Ferrocene Arrays: Synthesis of [Ru(C₆₀Me₅)R(CO)₂] (R=C₆H₄Fc, Câ‰¡CFc) and Their Chargeâ€Transfer Properties. Chemistry - an Asian Journal, 2008, 3, 841-848.	3.3	22
22	Uniquely Shaped Double-Decker Buckyferrocenesâ€"Distinct Electron Donorâ^'Acceptor Interactions. Journal of the American Chemical Society, 2008, 130, 16207-16215.	13.7	38
23	Aggregation of a C60â^'Didodecyloxybenzene Dyad:Â Structure, Dynamics, and Mechanism of Vesicle Growth. Langmuir, 2007, 23, 4800-4808.	3.5	14
24	Interfacial behaviour of brominated fullerene (C60Br24) and stearic acid mixed Langmuir films at airâ€“water interface. Chemical Physics Letters, 2007, 433, 317-322.	2.6	6
25	Electrical rectification from a fullerene[60]-dyad based metalâ€“organicâ€“metal junction. Chemical Communications, 2006, , 1977-1979.	4.1	20
26	Bilayer vesicles as precursors for spherical fractal aggregates from the self-assembly of a C60-fullerene-dyad in polar solvent. Journal of Chemical Physics, 2006, 124, 131104.	3.0	7
27	A new fullerene C60â€“didodecyloxy benzene dyad: An evidence for ground state electron transfer. Chemical Physics Letters, 2005, 414, 198-203.	2.6	12
28	Structure and Dynamics in Solvent-Polarity-Induced Aggregates from a C60Fullerene-Based Dyad. Langmuir, 2005, 21, 12139-12145.	3.5	15
29	Establishing a kinetic control regime for the decomposition of brominated fullerene derivatives: C60Br24 and C60Br6. Chemical Physics Letters, 2003, 374, 33-40.	2.6	6